CRANE RATING MANUAL HTC- 86110

For sales use only

TELESCOPIC BOOM TRUCK CRANE
38.3’- 164.1’ SIX SECTION LATCHING BOOM

For Replacement, Order Part Number: T2P0082
(120815)

Link-Belt
CONSTRUCTION EQUIPMENT

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Not for crane operations

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⚠ WARNING

READ AND UNDERSTAND THE OPERATORS AND SAFETY MANUALS AND THE FOLLOWING INSTRUCTIONS AND RATED LIFTING CAPACITIES BEFORE OPERATING THE CRANE. OPERATION WHICH DOES NOT FOLLOW THESE INSTRUCTIONS MAY RESULT IN AN ACCIDENT.

Operating Instructions

General:

1. Rated lifting capacities in pounds as shown on lift charts pertain to this crane as originally manufactured and normally equipped by Link-Belt Construction Equipment Company (LBCE). Modifications to the crane or use of optional equipment other than that specified can result in a reduction in capacity.
2. Construction equipment can be dangerous if improperly operated or maintained. Operation and maintenance of this crane must be in compliance with the information in the Operator's, Parts, and Safety Manuals supplied with this crane. If these manuals are missing, order replacements through the distributor.
3. The operator and other personnel associated with this crane shall read and fully understand the latest applicable American National Standards Institute (ANSI) and American Society of Mechanical Engineers (ASME) safety standards for cranes.
4. All rated lifting capacities listed in this Crane Rating Manual are in compliance with ANSI/ASME B30.5, SAE J1063, and SAE J765 in effect at the time of manufacture.
5. The rated lifting capacities are based on crane standing level on firm supporting surface.

Set Up:

1. The crane shall be leveled on a firm supporting surface. Depending on the nature of the supporting surface, it may be necessary to have structural supports under the outrigger pontoons or tires to spread the load to a larger bearing surface.
2. When making lifts on outriggers, all tires must be free of supporting surface. All outrigger beams must be extended to the same length; fully retracted, intermediate extended, or fully extended. The front bumper outrigger must be properly extended.
3. When making lifts on tires, they must be inflated to the recommended pressure. (See "Tire Inflation".)
4. When operating on tires or intermediate retracted outriggers, do not exceed maximum boom angle shown on "Backward Stability" Chart. Loss of backward stability will occur causing a backward tipping condition.
5. When on tires with counterweight combinations of 16,000 lb or less, maintain 55° boom angle with fully retracted boom before swinging to over side position. Do not swing to over side position with counterweight combination over 16,000 lb when on tires. Do not exceed maximum boom angle show on "Backward Stability" chart.
6. For required parts of line, see "Wire Rope Capacity Chart" and "Winch Performance".
7. Before setting up the crane, refer to "Allowable Crane Configurations" and rated lifting capacities to determine allowable crane configurations.

Operation:

1. Rated lifting capacities at rated radius shall not be exceeded. Do not tip the crane to determine allowable loads.
2. Rated lifting capacities shall be reduced for repetitive lift applications. For concrete bucket operation, weight of bucket and load shall not exceed 80% of rated load. For duty cycle operation, such as loading and unloading, maximum allowable load shall not exceed 70% of rated load. For clamshell and magnet operation, weight of bucket, or magnet, and load shall not exceed 70% of rated load. Lifts with fly erected are prohibited for clamshell and magnet operation.
3. Rated lifting capacities shown on fully extended outriggers do not exceed 85% of the tipping loads. Rated lifting capacities shown on intermediate extended or fully retracted outriggers are determined by the formula, rated load = (tipping load - 0.1 X load factor)/1.25. Rated lifting capacities shown on tires do not exceed 75% of the tipping loads.
4. Rated lifting capacities in the shaded areas are governed by factors other than those that would cause a tipping condition.
5. Rated lifting capacities must deduct the weight of the hook block, hook ball, slings, bucket, magnet, auxiliary lifting devices, etc. to obtain the net load that can be lifted. Their weights are considered part of the lifted load. Rated lifting capacities include the deduct for fly stowed on the base of the boom. For deducts of any fly erected, but not used, see "Capacity Deductions".
6. Rated lifting capacities are based on freely suspended loads. No attempt shall be made to move a load horizontally on the ground in any direction.

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7. Rated lifting capacities are for lift crane service only.
8. Do not operate at radii or boom lengths (minimum or maximum) where capacities are not listed. At these positions, the crane can tip or cause boom failure.
9. The maximum loads which can be telescoped are not definable because of variation in loadings and crane maintenance, but it is permissible to attempt retraction and extension within the limits of the applicable load rating chart.
10. Boom extend mode EM6 is a pinned boom length load chart. The rated capacities shown in the load rating charts are available only when the boom sections are pinned. For boom lengths between those shown, the capacity is determined by the capacity at the shorter boom length, the capacity at the longer boom length, or the unpinned capacity for the longer boom length, whichever is smallest.
11. Rated lifting capacities are determined by radius and boom length. When either boom length or radius, or both are between values listed, proceed as follows:
    a. For boom lengths not listed, use rating for next longer boom length or next shorter boom length, whichever is smaller.
    b. For load radii not listed, use rating for next larger radius.
12. The user shall operate at reduced ratings to allow for adverse job conditions such as: soft or uneven ground, out of level conditions, wind, side loads, pendulum action, jerking, or sudden stopping of loads, hazardous conditions, experience of personnel, traveling with loads, electrical wires, etc. Side load on boom and/or fly is dangerous and shall be avoided.
13. Rated lifting capacities do not account for the effects of excessive wind on a suspended load or boom. See “Wind Speed Restrictions” chart for allowed wind speed operation and appropriate capacity reduction.
14. For cold weather operation, rated capacities should be reduced by the following rule: a 1% reduction in rated capacity should be taken for each 1°F below 0°F. Example: if the temperature is - 10°F a 10% reduction in rated capacities should be taken, at - 40°F a 40% reduction.
15. Heat from the sun only on one side of the boom may cause a temperature differential between the sides of the boom. The thermal effects may cause the boom to distort (bend to one side) creating a side load on the boom and/or fly. Side loading is dangerous and shall be avoided. Refer to the Operator’s Manual for more instructions.
16. For auxiliary lifting sheave capacities, use main boom charts minus auxiliary lifting sheave deduct. (See “Capacity Deductions”.) The effective length of the boom increases by 2’.
17. The auxiliary lifting sheave can come in contact with the rope of the erected 10’ fly at 0° offset if the boom is higher than 70° boom angle.
18. Rated lifting capacities are based on correct reeving. A deduction must be made for excessive reeving. Any reeving over minimum required is considered excessive and must be accounted for when making lifts. Use the Working Range Diagram to estimate the extra length of rope, then deduct the required rope weight (listed on the Wire Rope Capacity Chart) for the extra length of wire rope before attempting to lift a load.
19. The loaded boom angle combined with the boom length gives only an approximation of the operating radius. The boom angle, before loading, should be greater to account for deflection. Some capacities are limited by a maximum obtainable 80° boom angle.
20. The 38.3’ boom length structural lifting capacities are based on boom fully retracted. If the boom is not fully retracted, do not exceed capacities shown for the next boom length.
21. Rated lifting capacities on tires depend on tire capacity, condition of tires, and tire air pressure. On tire capacities require lifting from main boom head only with the crane supported on a smooth, firm, and level surface. Pick and carry operations are restricted to a maximum speed of 1 mph. For pick and carry operation, the boom must be centered over the rear of the crane with two position travel swing lock engaged and the load must be restrained from swinging. Lifts on tires with fly erected are prohibited. For correct tire pressure, see “Tire Inflation”.

Definitions:

1. Loaded Boom Angle In Degrees: The angle between the boom base section and horizontal with freely suspended load at the rated radius.
2. Load Radius: Horizontal distance from a projection of the axis of rotation to the supporting surface, before loading, to the center of the vertical hoist line or tackle with load applied.
3. Working Area: Area measured in a circular arc about the centerline of rotation as shown on the Working Areas Diagram.
4. Freely Suspended Load: Load hanging free with no direct external force applied except by the hoist line.
5. Side Load: Horizontal side force applied to the lifted load either on the ground or in the air.
6. No Load Stability Limit: The radius or boom angle beyond which it is not permitted to position the boom because the crane can overturn without any load on the hook.
7. Load Factor: Load applied at the boom tip which gives the same moment effect as the boom mass.

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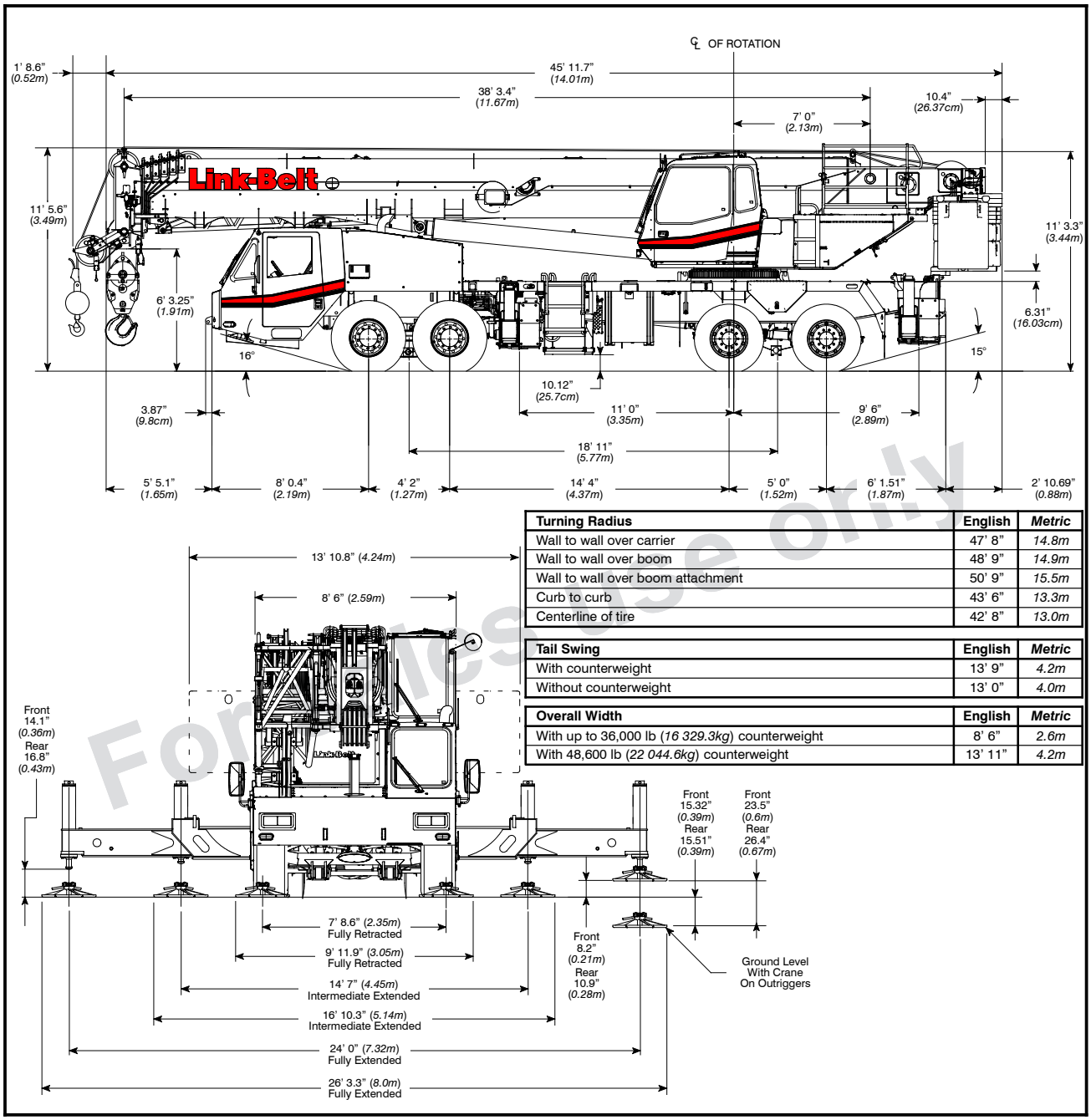
General Dimensions



Turning Radius	English	*Metric*
Wall to wall over carrier	47' 8"	*14.8m*
Wall to wall over boom	48' 9"	*14.9m*
Wall to wall over boom attachment	50' 9"	*15.5m*
Curb to curb	43' 6"	*13.3m*
Centerline of tire	42' 8"	*13.0m*

Tail Swing	English	*Metric*
With counterweight	13' 9"	*4.2m*
Without counterweight	13' 0"	*4.0m*

Overall Width	English	*Metric*
With up to 36,000 lb (*16 329.3kg*) counterweight	8' 6"	*2.6m*
With 48,600 lb (*22 044.6kg*) counterweight	13' 11"	*4.2m*

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Tire Inflation

Tire Size	Operation	Tire Pressure (psi)
315/80R 22.5	1 mph	130
	Stationary	130

Pontoon Loadings

Maximum Pontoon Load (lb)	Maximum Pontoon Ground Bearing Pressure (psi)
Front - 97,400	200
Rear - 112,000	231
Front Bumper - 54,000	269

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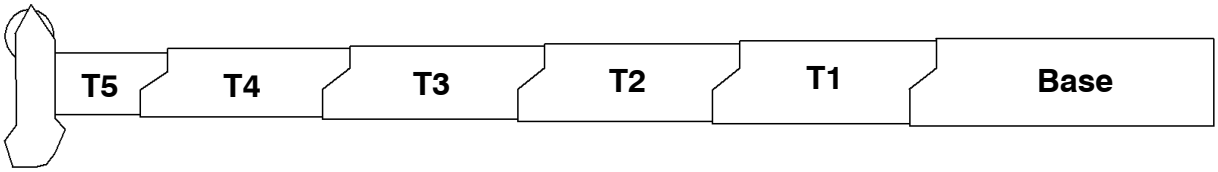
Boom Extend Modes



EM 1

	Boom Length (ft)	Boom Length *(m)*	Section Length				
			T5	T4	T3	T2	T1
*	38.3	*11.67*					
	50	*15.24*	50%				
*	61.7	*18.80*	100%				
	75	*22.86*	100%	55%			
*	86	*26.21*	100%	100%			
	100	*30.48*	100%	100%	56%		
*	111.2	*33.88*	100%	100%	100%		
	125	*38.10*	100%	100%	100%	53%	
*	137.2	*41.82*	100%	100%	100%	100%	
	150	*45.72*	100%	100%	100%	100%	48%
*	164.1	*50.02*	100%	100%	100%	100%	100%

EM 2

	Boom Length (ft)	Boom Length *(m)*	Section Length				
			T5	T4	T3	T2	T1
*	38.3	*11.67*					
*	50	*15.24*	50%				
	60	*18.29*	50%	41%			
*	74.3	*22.65*	50%	100%			
	85	*25.91*	50%	100%	43%		
*	99.5	*30.32*	50%	100%	100%		
	110	*33.53*	50%	100%	100%	40%	
*	125.5	*38.25*	50%	100%	100%	100%	
	140	*42.67*	50%	100%	100%	100%	54%
*	152.4	*46.45*	50%	100%	100%	100%	100%

EM 3

	Boom Length (ft)	Boom Length *(m)*	Section Length				
			T5	T4	T3	T2	T1
*	38.3	*11.67*					
*	50	*15.24*	50%				
*	62.1	*18.94*	50%	50%			
	75	*22.86*	50%	50%	51%		
*	87.3	*26.62*	50%	50%	100%		
	100	*30.48*	50%	50%	100%	49%	
*	113.4	*34.55*	50%	50%	100%	100%	
	125	*38.10*	50%	50%	100%	100%	43%
*	140.3	*42.75*	50%	50%	100%	100%	100%

EM 4

Boom Length (ft)	Boom Length *(m)*	Section Length				
		T5	T4	T3	T2	T1
38.3	*11.67*					
50	*15.24*	50%				
61.7	*18.80*	100%				
73.8	*22.51*	100%	50%			
86.4	*26.34*	100%	50%	50%		
99.4	*30.31*	100%	50%	50%	50%	
115	*35.05*	100%	50%	50%	50%	58%
126.3	*38.51*	100%	50%	50%	50%	100%

EM 5

Boom Length (ft)	Boom Length *(m)*	Section Length				
		T5	T4	T3	T2	T1
38.3	*11.67*					
50	*15.24*	50%				
62.1	*18.94*	50%	50%			
74.7	*22.78*	50%	50%	50%		
87.8	*26.75*	50%	50%	50%	50%	
100	*30.48*	50%	50%	50%	50%	46%
114.6	*34.94*	50%	50%	50%	50%	100%

EM 6

Boom Length (ft)	Boom Length *(m)*	Section Length				
		T5	T4	T3	T2	T1
38.3	*11.67*					
50.5	*15.38*	0%	50%			
63	*19.21*	0%	50%	50%		
76.1	*23.18*	0%	50%	50%	50%	
89.5	*27.28*	0%	50%	50%	50%	50%

* Denotes boom lengths charted with 35 ft (*10.7m*), 58 ft (*17.7m*), 74 ft (*22.6m*), and 90 ft (*27.4m*) fly.

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Boom Mode Performance - General Reference Guide

Shaded areas reflect maximum capacity at radius, based on boom modes and boom lengths.

16,000 lb Counterweight

Rad (ft)	EM1	EM2	EM3	EM4	EM5	EM6
	Boom Length (ft)					
	50					50.5
10						
25						
40						
	61.7	60	62.1	61.7	62.1	63
10						
25						
40						
50						
	75	74.3	75	73.8	74.7	76.1
15						
30						
45						
65						
	86	85	87.3	86.4	87.8	89.5
15						
30						
45						
80						
	100	99.5	100	99.4	100	
20						
35						
55						
75						
90						
	111.2	110	113.4	115	114.6	
20						
35						
50						
65						
85						
100						
	125	125.5	125	126.3		
30						
45						
60						
75						
90						
105						
115						
	137.5	140	140.3			
30						
45						
60						
80						
100						
120						

48,600 lb Counterweight

Rad (ft)	EM1	EM2	EM3	EM4	EM5	EM6
	Boom Length (ft)					
	50					50.5
10						
25						
40						
	61.7	60	62.1	61.7	62.1	63
10						
25						
40						
50						
	75	74.3	75	73.8	74.7	76.1
15						
30						
45						
65						
	86	85	87.3	86.4	87.8	89.5
15						
30						
45						
80						
	100	99.5	100	99.4	100	
20						
35						
55						
75						
90						
	111.2	110	113.4	115	114.6	
20						
35						
50						
65						
85						
100						
	125	125.5	125	126.3		
30						
45						
60						
75						
90						
105						
115						
	137.2	140	140.3			
30						
45						
60						
80						
100						
120						

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Winch Performance

Wire Rope Layer	Winch Line Pulls Two Speed Winch		Drum Rope Capacity (ft)	
	Low Speed Available (lb*)	High Speed Available (lb)	Layer	Total
1	20,739	9,331	114	114
2	19,066	8,578	124	238
3	17,644	7,938	134	372
4	16,419	7,387	144	516
5	15,353	6,907	154	670
6	N/A	N/A	164	834

*Maximum lifting capacity: Type KC Rope=16,000 lb, Type YB Rope=16,000 lb, Type CC Rope=17,160 lb

Wire Rope Capacity Chart

Maximum Lifting Capacities Based On Wire Rope Strength			
Parts of Line	19mm Type KC	19mm Type YB	19mm Type CC
1	16,000	16,000	17,160
2	32,000	32,000	34,320
3	48,000	48,000	51,480
4	64,000	64,000	68,640
5	80,000	80,000	85,800
6	96,000	96,000	102,960
7	112,000	112,000	120,120
8	128,000	128,000	137,280
9	144,000	144,000	154,440
10	160,000	160,000	171,600
11	176,000	176,000	188,760
12	192,000	192,000	205,920
13	208,000	208,000	223,080
Rope Weight - Pounds Per Foot	1.2	1.2	1.2

LBCE Type	Description
KC	37 x 7 Rotation Resistant - Non Rotating, Galvanized, Right Lang Lay
YB	34 x 7 Rotation Resistant - Non Rotating - WSC, Right Lang Lay
CC	35 x 7 Rotation Resistant - Non Rotating, Right Lang Lay

Notes:
1. Capacities shown are in pounds and working loads must not exceed the ratings on the capacity charts in this Crane Rating Manual.
2. Capacity deducts for auxiliary lifting devices do not apply for wire rope strength capacities.
3. Special reeving, using the auxiliary sheave, is required when using more than 10 parts of line. Special equipment is required for greater than 12 part of line.
4. Consult Operator's Manual for wire rope inspection procedures, single part of line applications, and reeving diagrams.

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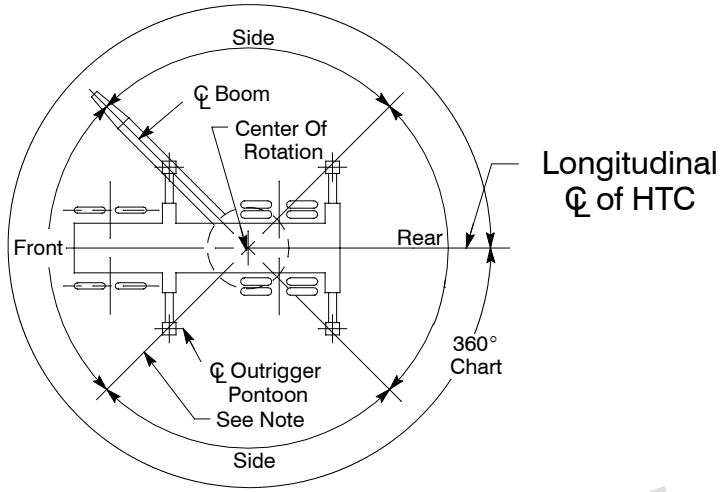
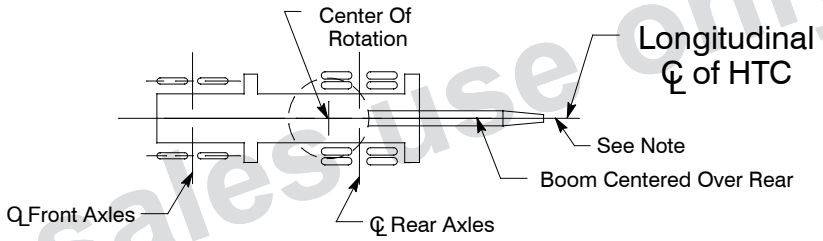
Working Areas



HTC On Outriggers



HTC On Tires

Note: These Lines Determine The Limiting Position Of Any Load For Operation Within Working Areas Indicated.

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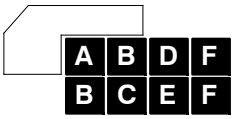
Backward Stability - Maximum Boom Angle



Counterweight (lb)	On Tires	Outrigger Position: Retracted	Outrigger Position: Intermediate	Outrigger Position: Full
0	80°	80°	80°	80°
4,000	75°	80°		
8,000	69°	77°		
12,000	62°	75°		
16,000	55°	68°		
20,000	46°	62°		
24,000	37°	55°		
28,000	23°	47°		
32,000	N/A	39°		
36,000	N/A	27°		
48,600	N/A	N/A	71°	

Maximum boom angle is based on retracted boom at the least stable over side position.

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Capacity Deductions

Load Handling Equipment	Weight (lb)	
25 Ton Quick Reeve 1 Sheave Hook Block (See Hook Block For Actual Weight)	750	
60 Ton Quick Reeve 3 Sheave Hook Block (See Hook Block For Actual Weight)	812- 1,352	
80 Ton Quick Reeve 5 Sheave Hook Block (See Hook Block For Actual Weight)	1,406	
110 Ton Quick Reeve 6 Sheave Hook Block (See Hook Block For Actual Weight)	1,985	
10 Ton Hook Ball (See Hook Ball For Actual Weight)	550	
Auxiliary Lifting Devices	**Weight (lb)**	
Auxiliary Lifting Sheave Attached	100	
Lifting From Main Boom With:	**Boom Length (ft)**	
	38.3 - 99.4	**99.5 - 164.1**
10’, 35’, 58’ Fly Stowed on Boom Base (See Operation Note 5)	0	0
10’ Offset Fly Erected But Not Used (With Boom Modes EM1 thru EM6)	3,400	2,400
35’ Offset Fly Erected But Not Used (With Boom Modes EM1, EM2, or EM3)	10,400	5,200
58’ Offset Fly Erected But Not Used (With Boom Modes EM1, EM2, or EM3)	20,200	6,600
74’ Offset Fly Erected But Not Used	**Prohibited**	**Prohibited**
90’ Offset Fly Erected But Not Used	**Prohibited**	**Prohibited**
Lifting From 10’ or 35’ Fly With:		
25’ Fly Center Erected But Not Used	**Prohibited**	**Prohibited**
23’ Fly Tip Erected But Not Used	**Prohibited**	**Prohibited**
23’ Fly Tip Stowed On 35’ Fly	**Prohibited**	**Prohibited**
Note: Capacity deductions are for Link-Belt supplied equipment only.		

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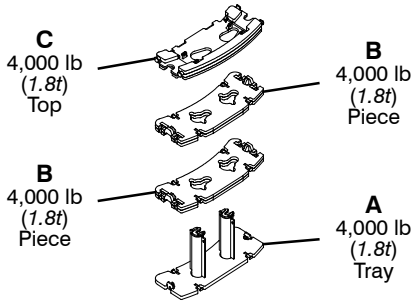
Minimum Hook Block/Ball Overhaul Weight

Parts of Line	Boom Length (ft)										
	38.3	**50.0-50.5**	**60.0-63.0**	**73.8-76.1**	**85.0-89.5**	**99.4-100.0**	**110.0-115.0**	**125.0-126.3**	**137.2-140.3**	**150.0-152.4**	**164.1**
	Minimum Overhaul Weight (lb)										
1	100	125	150	150	175	200	200	225	250	250	275
2	225	250	275	300	350	375	400	450	475	500	525
3	325	375	425	475	525	575	625	675	725	775	825
4	425	500	575	625	700	750	850	900	975	1,050	1,100
5	550	625	725	800	900	975	1,075	1,150	1,250		
6	675	775	875	975	1,100	1,175	1,300				
7	800	900	1,050	1,175	1,300	1,400					
8	925	1,050	1,200	1,350	1,500						
9	1,050	1,200	1,375	1,550							
10	1,200	1,375	1,550								
11	1,350	1,525	1,750								
12	1,475	1,700									

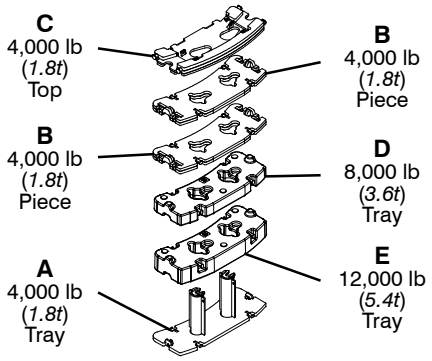
Reeving configurations below the bold line could require more rope than is available.

Not for crane operations

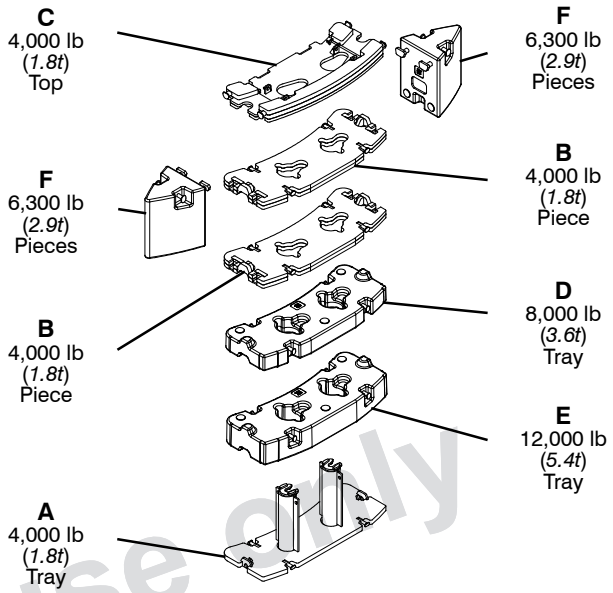
Allowable Crane Configurations - Counterweight



16,000 lb (*7.2t*)



36,000 lb (*16.2t*)



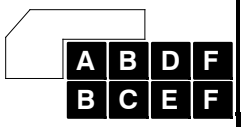
48,600 lb (*22t*)

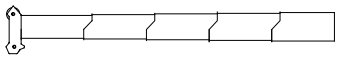
Counterweight Packages			16,000 (*7.2t*) - Standard							
			36,000 (*16.2t*) - Optional							
			48,600 (*22.0t*) - Optional							
Counterweight Pieces			**A** 4,000 lb (*1.8t*) Piece	**B** 4,000 lb (*1.8t*) Piece	**B** 4,000 lb (*1.8t*) Piece	**C** 4,000 lb (*1.8t*) Piece	**D** 8,000 lb (*3.6t*) Piece	**E** 12,000 lb (*5.4t*) Piece	**F** 6,300 lb (*2.9t*) Piece	**F** 6,300 lb (*2.9t*) Piece
Counterweight Configurations		0 lb (*0t*)								
	A	4,000 lb (*1.8t*)	X							
	A,B	8,000 lb (*3.6t*)	X	X						
	A,B,C	12,000 lb (*5.4t*)	X	X	X					
	A,B,B,C	16,000 lb (*7.2t*)	X	X	X	X				
	A,B,C,D	20,000 lb (*9t*)	X	X	X		X			
	A,B,B,C,D	24,000 lb (*10.8t*)	X	X	X	X	X			
	A,B,B,C,E	28,000 lb (12.7*t*)	X	X	X	X		X		
	A,B,C,D,E	32,000 lb (*14.4t*)	X	X	X		X	X		
	A,B,B,C,D,E	36,000 lb (*16.2t*)	X	X	X	X	X	X		
	A,B,B,C,D,E, F,F	48,600 lb (*22t*)	X	X	X	X	X	X	X	X

For sales use only

Not for crane operations

Allowable Crane Configuration - Main Boom



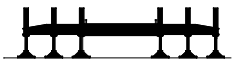


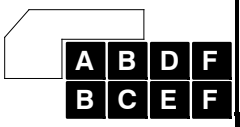
Outrigger Position	Counterweight (lb)	Boom Length (ft) EM 1	EM 2	EM 3	EM 4	EM 5	EM 6
Full	0	38.3- 164.1	38.3- 152.4	38.3- 140.3	38.3- 126.3	38.3- 114.6	38.3- 89.5
	4,000						
	8,000						
	12,000						
	16,000						
	20,000						
	24,000						
	28,000						
	32,000						
	36,000						
	48,600						
Intermediate	0	38.3- 111.2	38.3- 110	38.3- 100	38.3- 99.4	38.3- 87.8	38.3- 89.5
	4,000	38.3- 125				38.3- 100	
	8,000		38.3- 125.5	38.3- 113.4	38.3- 115		
	12,000	38.3- 137.2		38.3- 125	38.3- 126.3	38.3- 114.6	
	16,000						
	20,000	38.3- 150	38.3- 140				
	24,000			38- 140.3			
	28,000		38.3- 152.4				
	32,000	38.3- 164.1					
	36,000						
	48,600						
Retracted	0	38.3- 61.7	Prohibited				
	4,000	38.3- 75					
	8,000	38.3- 86					
	12,000	38.3- 100					
	16,000						
	20,000- 48,600						
On Tires	0- 36,000	38.3- 86	Prohibited				
	48,600						

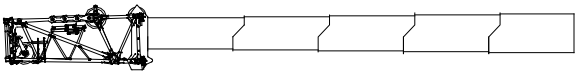
For sales use only

Not for crane operations

Allowable Crane Configuration - Main Boom + 10’ Fly

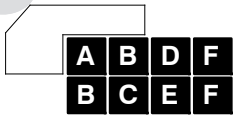


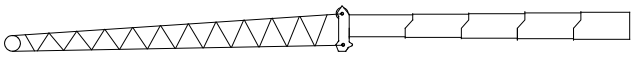




Outrigger Position	Counterweight (lb)	Boom Length (ft) EM 1	EM 2	EM 3	EM 4	EM 5	EM 6
Full	0- 48,600	38.3- 164.1	38.3- 152.4	38.3- 140.3	38.3- 126.3	38.3- 114.6	38.3- 89.5
Intermediate	0	38.3- 111.2	38.3- 110	38.3- 100	38.3- 99.4	38.3- 87.8	38.3- 89.5
	4,000	38.3- 125				38.3- 100	
	8,000		38.3- 125.5	38.3- 113.4	38.3- 115		
	12,000	38.3- 137.2		38.3- 125	38.3- 126.3	38.3- 114.6	
	16,000						
	20,000	38.3- 150	38.3- 140				
	24,000			38- 140.3			
	28,000		38.3- 152.4				
	32,000	38.3- 164.1					
	36,000						
	48,600						
Retracted On Tires	0- 48,600	Prohibited					

Allowable Crane Configuration - Main Boom + Attachments





Outrigger Position	Counterweight (lb)	Boom Length (ft) 35’ Fly	58’ Fly	74’ Fly	90’ Fly
Full	0	EM1 38.1- 164.1 EM2 38.1- 152.4 EM3 38.1- 140.3	Prohibited		
	4,000				
	8,000				
	12,000				
	16,000- 48,600				
Intermediate	0- 16,000	Prohibited			
	20,000	EM1 38.1- 164.1 EM2 38.1- 152.4 EM3 38.1- 140.3			
	24,000				
	28,000				
	32,000				
	36,000				
	48,600	Prohibited			
Retracted On Tires	0- 48,600	Prohibited			

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Wind Restrictions

Capacity Reduction	Maximum Wind Speed (mph)					
	Main Boom			10' Fly		
	38.3'- 63'	63.1'- 115'	115.1'- 164.1'	38.3'- 63'	63.1'- 115'	115.1'- 164.1'
Normal Operation	29	25	20	28	24	18
40%	34	32	29	34	31	27
70%	39	39	39	39	39	35
Prohibited	40+	40+	40+	40+	40+	36+

Capacity Reduction	Maximum Wind Speed (mph)					
	35' Fly			58' Fly		
	38.3'- 63'	63.1'- 115'	115.1'- 164.1'	38.3'- 63'	63.1'- 115'	115.1'- 164.1'
Normal Operation	27	22	16	25	19	15
40%	33	30	24	32	28	22
70%	39	39	31	39	37	29
Prohibited	40+	40+	32+	40+	38+	30+

Capacity Reduction	Maximum Wind Speed (mph)					
	74' Fly			90' Fly		
	38.3'- 63'	63.1'- 115'	115.1'- 164.1'	38.3'- 63'	63.1'- 115'	115.1'- 164.1'
Normal Operation	21	17	13	20	15	12
40%	28	25	19	31	22	18
70%	39	33	25	39	29	23
Prohibited	40+	34+	26+	40+	30+	24+

Notes:
1. Additional reductions are required for loads with large wind sail area.
2. When wind speed for normal operation is exceeded, the operator shall add 10° to all minimum boom angles due to no load stability and shall not boom down below that angle.

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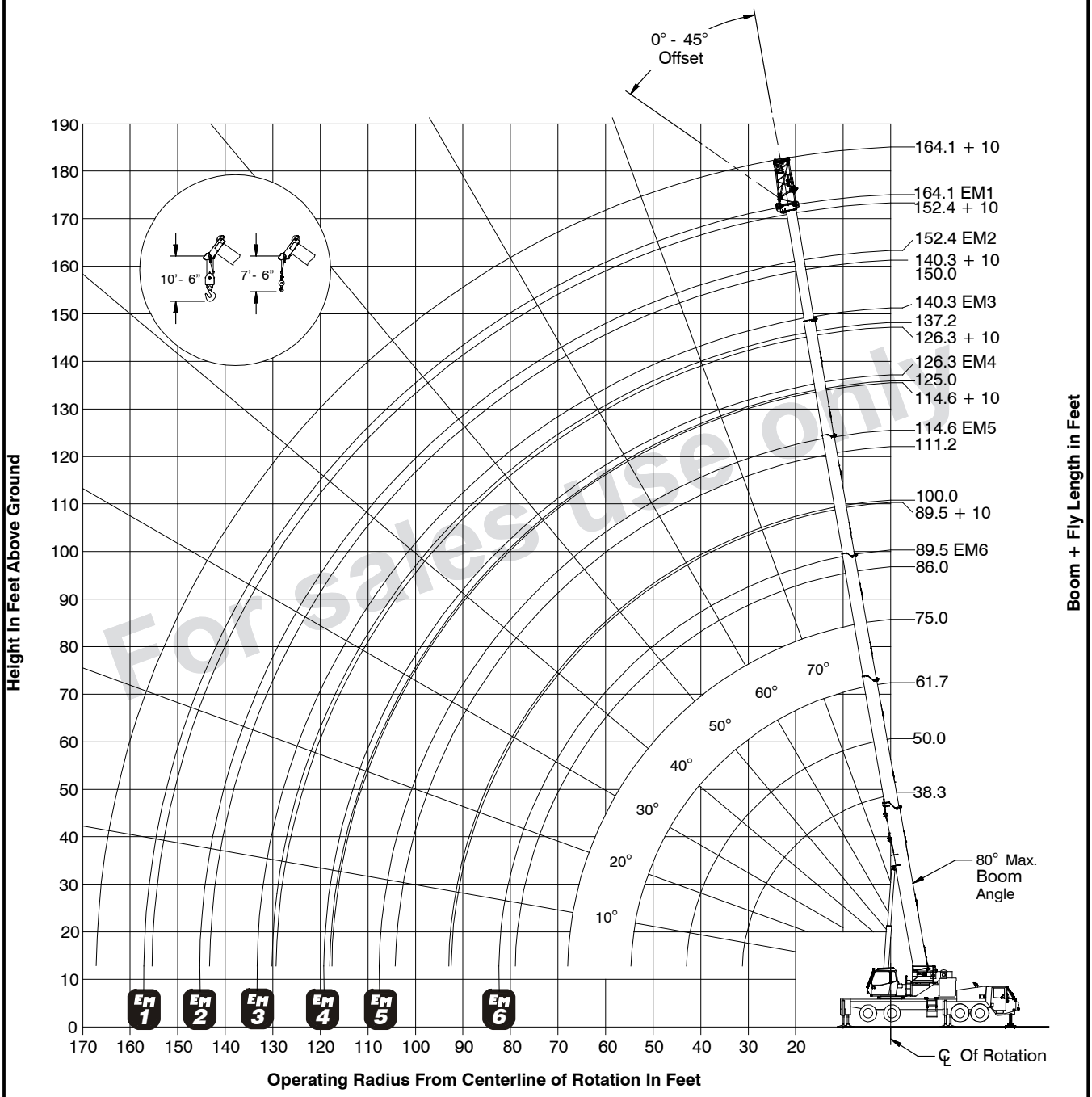
Not for crane operations

Working Range Diagram Main Boom + 10’ Fly



For sales use only

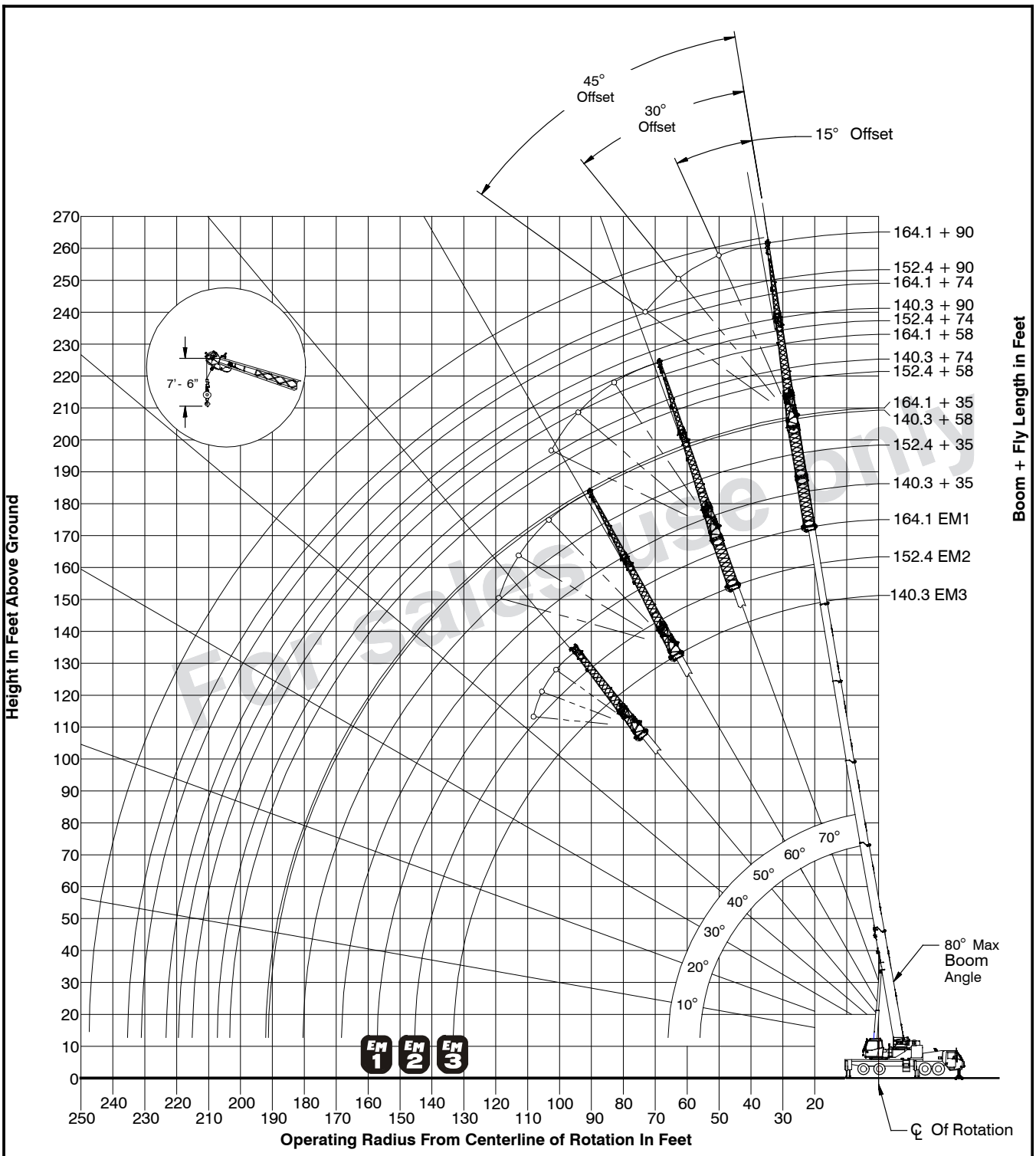
Note: Boom and fly geometry shown are for unloaded condition and crane standing level on firm supporting surface. Boom deflection, subsequent radius, and boom angle change must be accounted for when applying load to hook.

⚠ WARNING

Do Not Lower The Boom Below The Minimum Boom Angle For No Load Stability As Shown In The Lift Charts For The Boom Lengths Given. Loss Of Stability Will Occur Causing A Tipping Condition.

Not for crane operations

Working Range Diagram - Main Boom + Attachments



Note: Boom and fly geometry shown are for unloaded condition and crane standing level on firm supporting surface. Boom deflection, subsequent radius, and boom angle change must be accounted for when applying load to hook.

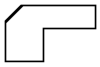
⚠ WARNING

Do Not Lower The Boom Below The Minimum Boom Angle For No Load Stability As Shown In The Lift Charts For The Boom Lengths Given. Loss Of Stability Will Occur Causing A Tipping Condition.

Not for crane operations

Rated Lifting Capacities In Pounds

Full



0 lbs

Radius (ft)	Boom Length (ft) Extend Mode										
	38.3	50.0	50.5	60.0	61.7	62.1	63.0	73.8	74.3	74.7	75.0
	ALL	EM1,2,3,4,5	EM6	EM2	EM1, EM4	EM3, EM5	EM6	EM4	EM2	EM5	EM1
10	159,700	86,000	160,300	90,200	58,400	90,400	137,600				
12	133,200	80,400	136,000	85,000	54,200	85,400	136,500	55,600	59,800	88,300	55,500
15	105,200	73,000	108,100	78,200	49,000	78,700	108,900	50,900	54,200	82,400	50,900
20	73,400	63,600	77,600	68,900	42,000	69,700	78,700	44,700	46,800	74,100	44,800
25	46,600	51,200	50,400	52,900	36,700	53,200	51,600	39,800	41,000	53,700	40,000
30	31,700	36,300	35,600	37,800	32,700	38,100	36,700	35,800	36,400	38,500	36,000
35		27,100	26,400	28,700	29,400	28,900	27,600	30,500	30,000	29,400	30,500
40		20,600	19,900	22,200	23,000	22,500	21,100	24,100	23,600	22,900	24,100
45				17,500	18,300	17,700	16,400	19,200	18,800	18,100	19,300
50				13,900	14,700	14,200	13,000	15,700	15,300	14,700	15,800
55						11,400	10,200	13,000	12,600	12,000	13,100
60								10,800	10,400	9,800	10,800
65								8,900	8,500	8,000	9,000
Unpinned			106,000				106,400				
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	31.3	43.0	43.5	53.0	54.7	55.1	56.0	66.8	67.3	67.7	68.0
Capacity	28,800	17,400	16,400	12,100	12,000	11,300	9,700	8,400	7,800	7,100	8,100

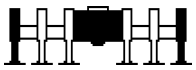
1010010

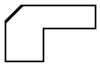
Radius (ft)	Boom Length (ft) Extend Mode										
	75.0	76.1	85.0	86.0	86.4	87.3	87.8	89.5	99.4	99.5	100.0
	EM3	EM6	EM2	EM1	EM4	EM3	EM5	EM6	EM4	EM2	EM1
12	88,300	120,400									
15	82,400	108,500	55,500	45,500	52,800	64,900	82,000	91,500			
20	74,100	78,200	48,600	39,600	47,000	56,200	77,000	76,600	48,600	47,500	41,100
25	53,700	51,400	43,200	34,900	42,400	49,500	53,100	50,200	44,400	42,200	36,900
30	38,500	36,500	38,800	31,100	38,600	38,800	38,100	35,400	39,300	37,800	33,100
35	29,400	27,400	30,200	28,000	30,600	29,600	28,900	26,500	30,000	30,300	30,200
40	22,900	20,900	23,700	24,800	24,200	23,200	22,500	20,000	23,600	23,900	24,800
45	18,100	16,300	18,900	19,900	19,300	18,400	17,700	15,400	18,800	19,100	19,900
50	14,700	12,900	15,500	16,300	15,900	15,000	14,300	12,000	15,400	15,600	16,300
55	12,000	10,300	12,700	13,600	13,100	12,200	11,600	9,400	12,600	12,900	13,600
60	9,800	8,100	10,600	11,400	10,900	10,100	9,500	7,400	10,500	10,700	11,500
65	8,000	6,400	8,800	9,700	9,200	8,400	7,800	5,700	8,700	9,000	9,700
70			7,300	8,200	7,700	6,900	6,300	4,300	7,300	7,500	8,200
75			6,100	6,900	6,400	5,600	5,100	3,100	6,100	6,300	7,000
80						4,600	4,000	2,000	5,000	5,200	5,900
85									4,100	4,300	5,000
90									3,300	3,500	4,200
Unpinned		106,300						91,500			
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	68.0	69.1	78.0	79.0	79.4	80.3	80.8	82.5	92.4	92.5	93.0
Capacity	7,100	5,100	5,400	6,000	5,500	4,500	3,800	1,500	2,900	3,100	3,800

1010010

Not for crane operations

Rated Lifting Capacities In Pounds


Full


0 lbs

Radius (ft)	Boom Length (ft) Extend Mode									
	100.0		110.0	111.2	113.4	114.6	115.0	125.0		125.5
	EM3	EM5	EM2	EM1	EM3	EM5	EM4	EM1	EM3	EM2
20	58,300	65,800	43,400	36,400	45,300	50,400	43,900			
25	52,000	51,900	43,400	36,400	45,300	50,400	43,900	29,900	38,700	33,300
30	38,400	37,000	39,100	33,700	38,000	36,000	37,900	29,900	37,200	33,300
35	29,200	28,000	29,900	31,000	28,900	27,100	28,800	29,900	28,100	29,500
40	22,800	21,500	23,500	24,800	22,400	20,600	22,400	24,200	21,700	23,000
45	18,000	16,800	18,700	19,900	17,700	15,900	17,600	19,400	16,900	18,300
50	14,600	13,400	15,300	16,300	14,300	12,600	14,200	15,800	13,600	14,900
55	11,900	10,800	12,500	13,600	11,600	10,000	11,500	13,200	10,900	12,200
60	9,800	8,700	10,400	11,500	9,500	7,900	9,400	11,000	8,800	10,000
65	8,000	6,900	8,600	9,700	7,700	6,200	7,700	9,200	7,100	8,300
70	6,600	5,500	7,200	8,200	6,300	4,800	6,300	7,800	5,700	6,800
75	5,400	4,300	6,000	7,000	5,100	3,600	5,100	6,600	4,500	5,600
80	4,300	3,300	4,900	5,900	4,100	2,600	4,000	5,500	3,500	4,600
85	3,400	2,400	4,100	5,000	3,200	1,800	3,200	4,600	2,600	3,700
90	2,600	1,600	3,300	4,200	2,400		2,400	3,800	1,900	2,900
95			2,500	3,500	1,700		1,700	3,100	1,200	2,200
100			1,900	2,900				2,500		1,600
105								2,000		1,100
110								1,500		
Unpinned										
Min Angle	0.0	0.0	0.0	0.0	21.5	36.0	23.5	15.0	37.0	29.0
Max Rad.	93.0	93.0	103.0	104.2	100.0	88.5	100.0	115.0	95.8	105.6
Capacity	2,200	1,200	1,600	2,400	0	0	0	0	0	0

1010010

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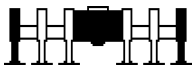
Radius (ft)	Boom Length (ft) Extend Mode						
	126.3	137.2	140.0	140.3	150.0	152.4	164.1
	EM4	EM1	EM2	EM3	EM1	EM2	EM1
25	37,700	25,400					
30	37,100	25,400	28,300	30,800	22,500	24,400	
35	28,100	25,400	28,300	27,300	22,500	24,400	19,600
40	21,600	23,800	22,100	20,900	22,500	21,500	19,600
45	16,900	19,000	17,400	16,200	18,200	16,800	17,500
50	13,600	15,600	14,000	12,900	14,800	13,500	14,100
55	10,900	12,800	11,400	10,200	12,100	10,800	11,500
60	8,800	10,700	9,200	8,200	10,000	8,700	9,300
65	7,100	8,900	7,500	6,500	8,200	7,000	7,600
70	5,700	7,500	6,100	5,100	6,800	5,600	6,200
75	4,500	6,200	4,900	3,900	5,600	4,400	5,000
80	3,500	5,200	3,900	2,900	4,600	3,400	4,000
85	2,600	4,300	3,000	2,000	3,700	2,500	3,100
90	1,800	3,500	2,200	1,200	2,900	1,700	2,300
95	1,200	2,800	1,600		2,200		1,600
100		2,200			1,600		1,000
105		1,700			1,100		
110		1,200					
Unpinned							
Min Angle	38.0	32.0	43.5	48.5	43.5	51.0	51.5
Max Rad.	95.6	112.6	98.9	90.7	106.4	95.0	100.6
Capacity	0	0	0	0	0	0	0

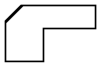
1010010

Not for crane operations

Rated Lifting Capacities In Pounds


Full

10ft Offset Fly
0°- 45° Offset


0 lbs

Radius (ft)	Boom Length (ft) Extend Mode										
	38.3	50.0	50.5	60.0	61.7	62.1	63.0	73.8	74.3	74.7	75.0
	ALL	EM1,2,3,4,5	EM6	EM2	EM1, EM4	EM3, EM5	EM6	EM4	EM2	EM5	EM1
10	42,100	42,900	42,900	47,700	47,700	47,700	47,700				
12	41,100	42,100	42,100	42,600	38,900	42,600	42,800	46,400	47,600	47,600	47,600
15	39,400	40,900	40,900	41,500	35,400	41,600	41,700	36,400	41,800	42,000	42,300
20	36,400	38,400	38,600	39,700	31,200	39,900	40,200	32,500	38,700	40,700	32,600
25	34,400	34,400	36,300	36,900	27,500	37,300	38,000	29,100	34,400	38,800	29,200
30	33,400	31,600	34,400	34,100	24,600	34,400	36,200	26,300	30,600	36,500	26,400
35	26,400	28,500	27,900	29,300	22,200	29,400	28,200	24,000	27,600	29,500	24,100
40	20,000	22,200	21,500	22,900	20,300	23,100	21,900	22,100	23,700	23,100	22,200
45		17,400	16,900	18,200	18,600	18,300	17,100	19,300	18,900	18,300	19,400
50		14,000	13,500	14,700	15,300	14,800	13,700	15,800	15,400	14,900	15,800
55				12,000	12,600	12,100	11,100	13,100	12,700	12,200	13,100
60				9,900	10,500	10,000	9,000	10,900	10,500	10,000	11,000
65						8,300	7,300	9,200	8,800	8,300	9,200
70								7,700	7,400	6,900	7,800
75								6,500	6,200	5,700	6,600
Unpinned			42,900				47,700				
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	41.4	53.1	53.5	63.1	64.7	65.2	66.1	76.9	77.4	77.8	78.1
Capacity	18,800	12,400	11,700	8,900	8,900	8,300	7,000	6,200	5,700	5,200	6,000

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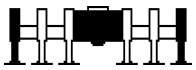
Radius (ft)	Boom Length (ft) Extend Mode										
	75.0	76.1	85.0	86.0	86.4	87.3	87.8	89.5	99.4	99.5	100.0
	EM3	EM6	EM2	EM1	EM4	EM3	EM5	EM6	EM4	EM2	EM1
12	47,600	47,600									
15	42,000	42,200	46,100	41,700	40,200	46,300	46,600	47,200			
20	40,700	40,900	39,600	32,700	33,700	40,800	41,000	41,300	34,500	38,500	32,800
25	38,800	39,200	35,300	29,700	30,500	39,300	39,600	40,100	31,600	35,600	30,300
30	36,500	36,700	32,000	27,000	27,800	37,800	37,900	35,400	29,100	32,400	28,000
35	29,500	27,700	29,000	24,300	25,600	29,500	28,800	26,500	27,000	29,800	25,700
40	23,100	21,300	23,700	22,000	23,700	23,100	22,500	20,100	23,400	23,600	23,600
45	18,300	16,600	18,900	19,700	19,200	18,300	17,700	15,600	18,500	18,800	19,600
50	14,900	13,200	15,400	16,100	15,700	14,900	14,300	12,200	15,100	15,300	16,000
55	12,200	10,600	12,700	13,500	13,000	12,200	11,600	9,600	12,400	12,600	13,300
60	10,000	8,500	10,500	11,300	10,800	10,000	9,500	7,500	10,200	10,500	11,100
65	8,300	6,800	8,800	9,500	9,100	8,300	7,700	5,800	8,500	8,700	9,400
70	6,900	5,400	7,300	8,100	7,600	6,900	6,300	4,400	7,000	7,300	7,900
75	5,700	4,200	6,100	6,800	6,400	5,700	5,100	3,300	5,800	6,000	6,700
80			5,100	5,800	5,400	4,600	4,100	2,300	4,800	5,000	5,600
85			4,200	4,900	4,500	3,800	3,200	1,500	3,900	4,100	4,700
90						3,000	2,500		3,100	3,300	4,000
95									2,500	2,700	3,300
100									1,900	2,100	2,700
Unpinned		47,600						47,200			
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.5	0.0	0.0	0.0
Max Rad.	78.1	79.1	88.1	89.0	89.5	90.4	90.8	87.2	102.5	102.5	103.1
Capacity	5,100	3,500	3,800	4,300	3,800	3,000	2,400	0	1,700	1,900	2,400

1011010

Sales use only

Not for crane operations

Rated Lifting Capacities In Pounds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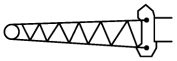
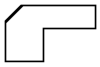

10ft Offset Fly
0°- 45° Offset


0 lbs

Radius (ft)	Boom Length (ft) Extend Mode									
	100.0		110.0	111.2	113.4	114.6	115.0	125.0		125.5
	EM3	EM5	EM2	EM1	EM3	EM5	EM4	EM1	EM3	EM2
20	40,800	41,100	32,700	27,200	35,500	39,500	32,900			
25	39,500	39,900	32,700	27,200	35,500	39,500	32,400	23,600	30,400	26,600
30	38,000	36,700	32,700	27,200	35,500	35,600	30,100	23,600	30,400	26,600
35	28,900	27,700	29,500	26,300	28,400	26,700	28,100	23,600	27,600	26,600
40	22,600	21,300	23,100	24,300	22,100	20,300	22,000	23,600	21,200	22,500
45	17,800	16,600	18,300	19,400	17,300	15,800	17,200	18,800	16,500	17,800
50	14,400	13,300	14,900	15,800	14,000	12,400	13,900	15,400	13,200	14,400
55	11,700	10,600	12,200	13,200	11,300	9,700	11,200	12,700	10,600	11,700
60	9,600	8,500	10,000	11,000	9,200	7,700	9,100	10,500	8,500	9,600
65	7,800	6,800	8,300	9,300	7,400	6,000	7,400	8,700	6,700	7,800
70	6,400	5,400	6,900	7,800	6,000	4,600	5,900	7,300	5,300	6,400
75	5,200	4,200	5,600	6,600	4,800	3,400	4,700	6,100	4,200	5,200
80	4,200	3,200	4,600	5,500	3,800	2,400	3,700	5,000	3,100	4,200
85	3,300	2,400	3,700	4,600	2,900	1,600	2,900	4,100	2,300	3,300
90	2,500	1,600	3,000	3,900	2,200		2,100	3,400	1,500	2,500
95	1,900		2,300	3,200	1,500		1,400	2,700		1,800
100	1,300		1,700	2,600	1,000		1,000	2,100		1,200
105			1,200	2,000				1,500		
110				1,600				1,000		
Unpinned										
Min Angle	0.0	24.0	18.0	0.0	32.0	42.0	34.0	30.5	43.5	37.5
Max Rad.	103.1	94.7	107.8	114.2	100.6	87.8	100.6	111.9	93.3	102.6
Capacity	1,000	0	0	1,200	0	0	0	0	0	0

1011010

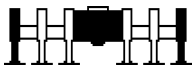
For sales use only

Radius (ft)	Boom Length (ft) Extend Mode						
	126.3	137.2	140.0	140.3	150.0	152.4	164.1
	EM4	EM1	EM2	EM3	EM1	EM2	EM1
25	29,000	20,500					
30	29,000	20,500	23,100	25,400	18,500		
35	27,600	20,500	23,100	25,400	18,500	20,400	15,900
40	21,200	20,500	21,500	20,300	18,500	20,400	15,900
45	16,500	18,400	16,800	15,700	17,500	16,100	15,900
50	13,200	15,000	13,500	12,400	14,200	12,900	13,500
55	10,500	12,300	10,800	9,800	11,500	10,200	10,800
60	8,400	10,100	8,700	7,700	9,400	8,100	8,700
65	6,700	8,400	7,000	6,000	7,600	6,400	7,000
70	5,300	6,900	5,600	4,600	6,200	5,000	5,600
75	4,100	5,700	4,400	3,400	5,000	3,900	4,400
80	3,100	4,700	3,400	2,400	4,000	2,800	3,400
85	2,200	3,800	2,500	1,600	3,100	2,000	2,500
90	1,500	3,000	1,800		2,300	1,200	1,700
95		2,300	1,100		1,700		
100		1,700			1,100		
105		1,200					
Unpinned							
Min Angle	44.5	40.5	48.5	53.0	50.0	55.0	56.5
Max Rad.	93.5	108.1	96.1	88.5	100.9	91.7	95.0
Capacity	0	0	0	0	0	0	0

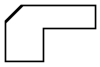
1011010

Not for crane operations

Rated Lifting Capacities In Pounds


Full

35ft Offset Fly


0 lbs

Radius (ft)	Boom Length (ft) / Fly Offset 38.3 0°	38.3 15°	38.3 30°	38.3 45°	61.7 0°	61.7 15°	61.7 30°	61.7 45°	86.0 0°	86.0 15°	86.0 30°	86.0 45°
10	28,700											
12	26,800											
15	24,400				25,200							
20	21,100	16,900			23,000				21,300			
25	18,600	15,300	13,000		21,000	16,400			20,700			
30	16,700	14,000	12,100	10,800	19,200	15,400	12,800		19,700	15,800		
35	15,000	12,900	11,400	10,300	17,700	14,400	12,200		18,700	15,100		
40	13,600	12,000	10,800	9,900	16,500	13,600	11,600	10,400	17,700	14,400	12,100	
45	12,500	11,200	10,200	9,600	15,300	12,800	11,200	10,100	16,800	13,800	11,700	10,400
50	11,500	10,500	9,700	9,200	14,300	12,200	10,700	9,800	16,000	13,200	11,300	10,100
55	10,700	9,900	9,300	8,900	13,100	11,600	10,400	9,600	14,800	12,700	11,000	9,900
60	9,900	9,300	8,900		12,000	11,000	10,000	9,300	12,600	12,200	10,700	9,800
65	9,200	8,900			10,700	10,500	9,600	9,100	10,700	11,500	10,400	9,500
70					9,200	9,700	9,300	8,900	9,200	9,900	10,100	9,300
75					7,900	8,400	8,700		8,000	8,600	9,100	9,100
80					6,900	7,200	7,400		6,900	7,400	7,800	8,100
85					5,900	6,200			6,000	6,400	6,800	7,000
90									5,100	5,500	5,800	6,000
95									4,400	4,800	5,000	
100									3,800	4,100	4,200	
105									3,300	3,500	3,600	
110									2,800	2,900		
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	66.4	66.3	65.0	62.5	89.7	89.5	87.8	84.7	114.0	113.7	111.8	108.3
Capacity	9,000	8,900	8,900	8,900	5,300	5,300	5,500	6,000	2,500	2,500	2,600	2,800

1011070

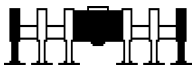
For sales use only

Radius (ft)	Boom Length (ft) / Fly Offset 111.2 0°	111.2 15°	111.2 30°	111.2 45°	137.2 0°	137.2 15°	137.2 30°	137.2 45°	164.1 0°	164.1 15°	164.1 30°	164.1 45°
25	16,200											
30	16,200											
35	16,200				13,200							
40	16,200	14,500			13,200				11,100			
45	16,200	14,100	12,000		13,200	13,700			11,100			
50	16,200	13,600	11,700	10,400	13,200	13,600			11,100			
55	14,200	13,200	11,400	10,200	13,100	13,300	11,600		11,100	11,600		
60	12,000	12,800	11,100	10,000	10,900	12,100	11,400	10,200	9,400	10,800		
65	10,200	11,100	10,900	9,900	9,100	10,200	11,100	10,100	7,700	8,900	10,000	
70	8,700	9,500	10,200	9,700	7,600	8,600	9,400	9,900	6,200	7,300	8,300	9,100
75	7,400	8,100	8,700	9,200	6,400	7,200	8,000	8,600	5,000	6,000	6,900	7,600
80	6,300	7,000	7,500	7,900	5,300	6,100	6,800	7,300	4,000	4,900	5,700	6,300
85	5,400	6,000	6,500	6,800	4,400	5,100	5,700	6,200	3,100	3,900	4,600	5,200
90	4,600	5,100	5,500	5,800	3,600	4,300	4,800	5,200	2,300	3,100	3,700	4,200
95	3,900	4,400	4,700	5,000	2,900	3,500	4,000	4,300	1,600	2,300	2,900	3,400
100	3,300	3,700	4,000	4,200	2,300	2,800	3,300	3,600		1,600	2,200	2,600
105	2,700	3,100	3,400	3,500	1,700	2,200	2,600	2,900		1,100	1,600	1,900
110	2,200	2,500	2,800	2,900	1,200	1,700	2,000	2,300				1,300
115	1,800	2,000	2,200			1,200	1,500	1,700				
120	1,400	1,600	1,700				1,000	1,200				
125	1,000	1,200	1,300									
Min Angle	25.0	26.0	26.5	26.0	47.5	48.5	48.5	48.5	60.5	60.5	61.5	61.0
Max Rad.	127.5	129.4	130.0	128.5	114.4	119.2	121.9	123.5	99.5	106.4	110.0	113.9
Capacity	0	0	0	0	0	0	0	0	0	0	0	0

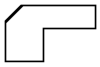
1011070

Not for crane operations

Rated Lifting Capacities In Pounds


Full

35ft Offset Fly


0 lbs

Radius (ft)	Boom Length (ft) / Fly Offset 38.3 0°	38.3 15°	38.3 30°	38.3 45°	50.0 0°	50.0 15°	50.0 30°	50.0 45°	74.3 0°	74.3 15°	74.3 30°	74.3 45°
10	28,700											
12	26,800				27,600							
15	24,400				25,500							
20	21,100	16,900			22,600	17,400			23,400			
25	18,600	15,300	13,000		20,200	16,000			21,700	16,900		
30	16,700	14,000	12,100	10,800	18,200	14,800	12,500		20,200	15,900		
35	15,000	12,900	11,400	10,300	16,700	13,800	11,800	10,500	18,800	15,000	12,500	
40	13,600	12,000	10,800	9,900	15,300	12,900	11,300	10,200	17,500	14,200	12,000	10,500
45	12,500	11,200	10,200	9,600	14,100	12,100	10,700	9,900	16,500	13,500	11,500	10,300
50	11,500	10,500	9,700	9,200	13,000	11,400	10,300	9,600	15,500	12,800	11,100	10,000
55	10,700	9,900	9,300	8,900	12,100	10,800	9,900	9,300	14,500	12,200	10,700	9,800
60	9,900	9,300	8,900		11,400	10,300	9,500	9,000	12,200	11,700	10,400	9,600
65	9,200	8,900			10,300	9,800	9,100	8,900	10,400	11,200	10,100	9,300
70					8,800	9,200	8,900		8,900	9,600	9,800	9,100
75					7,600	7,800			7,700	8,200	8,700	9,000
80									6,600	7,100	7,400	7,600
85									5,700	6,100	6,300	
90									4,900	5,200	5,400	
95									4,200	4,400		
100									3,600	3,700		
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	66.4	66.3	65.0	62.5	78.0	77.9	76.4	73.5	102.4	102.1	100.2	96.9
Capacity	9,000	8,900	8,900	8,900	7,000	7,000	7,400	8,100	3,400	3,400	3,500	3,800

1011080

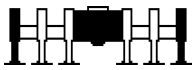
For sales use only

Radius (ft)	Boom Length (ft) / Fly Offset 99.5 0°	99.5 15°	99.5 30°	99.5 45°	125.5 0°	125.5 15°	125.5 30°	125.5 45°	152.4 0°	152.4 15°	152.4 30°	152.4 45°
25	21,100											
30	20,300				17,300							
35	19,400	15,500			17,300							
40	18,500	14,800	12,400		17,300	15,000			13,800			
45	17,600	14,200	12,000	10,500	17,300	14,500			13,800			
50	16,600	13,700	11,600	10,300	15,600	14,100	11,900		13,800	14,000		
55	13,900	13,200	11,300	10,100	12,800	13,700	11,600	10,300	11,200	12,800	11,800	
60	11,700	12,700	11,000	9,900	10,600	11,800	11,400	10,100	9,100	10,500	11,600	
65	9,900	10,800	10,700	9,800	8,800	9,900	10,800	10,000	7,300	8,600	9,700	10,200
70	8,400	9,200	9,900	9,500	7,300	8,300	9,100	9,800	5,900	7,000	8,000	8,800
75	7,100	7,800	8,400	8,900	6,100	6,900	7,700	8,300	4,700	5,700	6,600	7,300
80	6,100	6,700	7,200	7,600	5,000	5,800	6,500	7,000	3,600	4,600	5,400	6,000
85	5,100	5,700	6,100	6,500	4,100	4,800	5,400	5,900	2,700	3,600	4,300	4,900
90	4,300	4,800	5,200	5,500	3,300	4,000	4,500	4,900	2,000	2,700	3,400	3,900
95	3,600	4,100	4,400	4,600	2,600	3,200	3,700	4,000	1,300	2,000	2,600	3,100
100	3,000	3,400	3,700	3,800	2,000	2,500	3,000	3,200		1,300	1,900	2,300
105	2,400	2,800	3,000		1,500	1,900	2,300	2,600			1,200	1,600
110	2,000	2,200	2,400		1,000	1,400	1,700	1,900				
115	1,500	1,700	1,800			900	1,200	1,400				
120	1,100	1,300										
Min Angle	14.5	17.0	14.5	4.5	45.0	45.0	45.5	45.5	59.5	59.5	59.5	60.0
Max Rad.	124.2	124.5	123.8	119.2	111.2	115.6	118.5	119.6	96.0	102.9	108.1	110.0
Capacity	0	0	0	0	0	0	0	0	0	0	0	0

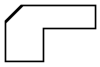
1011080

Not for crane operations

Rated Lifting Capacities In Pounds


Full

35ft Offset Fly


0 lbs

Radius (ft)	Boom Length (ft) / Fly Offset 38.3 0°	38.3 15°	38.3 30°	38.3 45°	50.0 0°	50.0 15°	50.0 30°	50.0 45°	62.1 0°	62.1 15°	62.1 30°	62.1 45°
10	28,700											
12	26,800				27,600							
15	24,400				25,500				26,000			
20	21,100	16,900			22,600	17,400			23,500			
25	18,600	15,300	13,000		20,200	16,000			21,400	16,600		
30	16,700	14,000	12,100	10,800	18,200	14,800	12,500		19,500	15,500	12,800	
35	15,000	12,900	11,400	10,300	16,700	13,800	11,800	10,500	17,900	14,500	12,200	10,700
40	13,600	12,000	10,800	9,900	15,300	12,900	11,300	10,200	16,700	13,600	11,700	10,400
45	12,500	11,200	10,200	9,600	14,100	12,100	10,700	9,900	15,500	12,900	11,200	10,100
50	11,500	10,500	9,700	9,200	13,000	11,400	10,300	9,600	14,400	12,200	10,700	9,800
55	10,700	9,900	9,300	8,900	12,100	10,800	9,900	9,300	13,500	11,600	10,400	9,600
60	9,900	9,300	8,900		11,400	10,300	9,500	9,000	12,200	11,100	10,000	9,300
65	9,200	8,900			10,300	9,800	9,100	8,900	10,400	10,600	9,700	9,100
70					8,800	9,200	8,900		8,900	9,400	9,300	8,900
75					7,600	7,800			7,600	8,100	8,400	
80									6,500	6,900	7,100	
85									5,600	5,900		
90									4,900			
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	66.4	66.3	65.0	62.5	78.0	77.9	76.4	73.5	90.2	90.0	88.3	85.1
Capacity	9,000	8,900	8,900	8,900	7,000	7,000	7,400	8,100	4,900	4,900	5,200	5,600

1011090

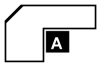
Radius (ft)	Boom Length (ft) / Fly Offset 87.3 0°	87.3 15°	87.3 30°	87.3 45°	113.4 0°	113.4 15°	113.4 30°	113.4 45°	140.3 0°	140.3 15°	140.3 30°	140.3 45°
20	23,700											
25	22,300				20,900							
30	20,900	16,300			20,800							
35	19,700	15,500	12,700		19,900	15,800			17,300			
40	18,500	14,700	12,200		19,100	15,200			17,300			
45	17,400	14,000	11,800	10,400	18,300	14,700	12,200		17,000	14,800		
50	16,500	13,400	11,400	10,200	15,400	14,100	11,900	10,400	13,700	14,400	12,100	
55	13,800	12,800	11,100	10,000	12,600	13,600	11,600	10,200	11,000	12,600	11,900	
60	11,600	12,300	10,700	9,800	10,400	11,600	11,300	10,000	8,800	10,200	11,500	10,200
65	9,800	10,600	10,500	9,600	8,600	9,700	10,600	9,900	7,100	8,300	9,500	10,100
70	8,300	9,000	9,700	9,400	7,200	8,100	8,900	9,600	5,600	6,800	7,800	8,600
75	7,000	7,700	8,300	8,700	5,900	6,800	7,500	8,100	4,400	5,500	6,400	7,100
80	6,000	6,500	7,000	7,400	4,900	5,600	6,300	6,800	3,400	4,300	5,200	5,800
85	5,000	5,600	6,000	6,200	4,000	4,600	5,200	5,600	2,500	3,400	4,100	4,700
90	4,200	4,700	5,000	5,200	3,200	3,800	4,300	4,600	1,700	2,500	3,200	3,700
95	3,500	3,900	4,200		2,500	3,000	3,500	3,800		1,800	2,400	2,800
100	2,900	3,200	3,400		1,900	2,400	2,800	3,000		1,100	1,700	2,000
105	2,400	2,600	2,700		1,300	1,800	2,100	2,300				1,300
110	1,900	2,100				1,200	1,500	1,600				
115	1,500						1,000					
Min Angle	0.0	0.0	0.0	0.0	40.5	40.5	40.5	40.5	57.0	57.0	57.5	57.5
Max Rad.	115.4	115.1	113.1	109.6	109.0	113.5	116.1	116.8	94.5	101.1	105.0	108.0
Capacity	1,500	1,500	1,600	1,700	0	0	0	0	0	0	0	0

1011090

Not for crane operations

Rated Lifting Capacities In Pounds

Full



4,000 lbs

Radius (ft)	Boom Length (ft) Extend Mode										
	38.3	50.0	50.5	60.0	61.7	62.1	63.0	73.8	74.3	74.7	75.0
	ALL	EM1,2,3,4,5	EM6	EM2	EM1, EM4	EM3, EM5	EM6	EM4	EM2	EM5	EM1
10	160,500	86,000	160,300	90,200	58,400	90,400	137,600				
12	136,700	80,400	139,400	85,000	54,200	85,400	137,600	55,600	59,800	88,300	55,500
15	108,000	73,000	110,900	78,200	49,000	78,700	111,600	50,900	54,200	82,400	50,900
20	78,400	63,600	81,300	68,900	42,000	69,700	82,200	44,700	46,800	74,100	44,800
25	51,300	56,000	55,200	57,700	36,700	57,900	56,300	39,800	41,000	58,400	40,000
30	35,300	39,900	39,200	41,400	32,700	41,700	40,200	35,800	36,400	42,100	36,000
35		30,000	29,300	31,600	29,400	31,800	30,500	32,500	32,800	32,100	32,700
40		23,200	22,600	24,800	25,600	25,100	23,900	26,600	26,100	25,500	26,700
45				19,900	20,700	20,200	18,900	21,700	21,200	20,600	21,800
50				16,000	16,800	16,300	15,100	17,800	17,400	16,800	17,900
55						13,300	12,100	14,900	14,500	13,900	15,000
60								12,500	12,100	11,500	12,500
65								10,500	10,100	9,500	10,600
Unpinned			106,000				106,400				
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	31.3	43.0	43.5	53.0	54.7	55.1	56.0	66.8	67.3	67.7	68.0
Capacity	32,100	20,100	19,000	14,100	13,900	13,200	11,500	9,800	9,300	8,600	9,600

1020010

Radius (ft)	Boom Length (ft) Extend Mode										
	75.0	76.1	85.0	86.0	86.4	87.3	87.8	89.5	99.4	99.5	100.0
	EM3	EM6	EM2	EM1	EM4	EM3	EM5	EM6	EM4	EM2	EM1
12	88,300	120,400									
15	82,400	111,200	55,500	45,500	52,800	64,900	82,000	91,500			
20	74,100	82,000	48,600	39,600	47,000	56,200	77,000	81,100	48,600	47,500	41,100
25	58,400	56,100	43,200	34,900	42,400	49,500	57,900	54,900	44,400	42,200	36,900
30	42,100	40,000	38,800	31,100	38,600	42,400	41,600	39,000	40,800	37,800	33,100
35	32,200	30,300	33,000	28,000	33,400	32,400	31,700	29,400	32,800	33,100	30,200
40	25,500	23,700	26,300	25,400	26,700	25,800	25,100	22,800	26,200	26,400	27,200
45	20,600	18,800	21,400	22,400	21,800	20,900	20,200	17,800	21,300	21,600	22,400
50	16,800	15,100	17,500	18,500	17,900	17,000	16,400	14,200	17,400	17,700	18,500
55	13,900	12,200	14,600	15,500	15,000	14,200	13,500	11,300	14,500	14,800	15,500
60	11,500	9,800	12,300	13,100	12,600	11,800	11,200	9,100	12,200	12,400	13,200
65	9,500	7,900	10,400	11,200	10,700	9,900	9,300	7,200	10,300	10,500	11,200
70			8,700	9,600	9,100	8,300	7,700	5,700	8,700	8,900	9,600
75			7,400	8,200	7,700	6,900	6,300	4,400	7,400	7,600	8,300
80						5,800	5,200	3,200	6,200	6,400	7,100
85									5,200	5,400	6,100
90									4,300	4,500	5,200
Unpinned		106,300						91,500			
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	68.0	69.1	78.0	79.0	79.4	80.3	80.8	82.5	92.4	92.5	93.0
Capacity	8,500	6,600	6,600	7,200	6,700	5,700	5,000	2,700	3,900	4,200	4,800

1020010

Not for crane operations

Rated Lifting Capacities In Pounds

Full

A

4,000 lbs

360°

Radius (ft)	Boom Length (ft) Extend Mode 100.0 EM3	100.0 EM5	110.0 EM2	111.2 EM1	113.4 EM3	114.6 EM5	115.0 EM4	125.0 EM1	125.0 EM3	125.5 EM2
20	58,300	65,800	43,400	36,400	45,300	50,400	43,900			
25	52,000	56,700	43,400	36,400	45,300	50,400	43,900	29,900	38,700	33,300
30	41,900	40,600	39,500	33,700	41,600	39,600	41,500	29,900	38,700	33,300
35	32,000	30,800	32,700	31,000	31,600	29,900	31,600	29,900	31,000	32,200
40	25,400	24,200	26,100	27,200	25,100	23,400	25,000	26,700	24,400	25,600
45	20,500	19,300	21,200	22,400	20,200	18,400	20,100	21,800	19,400	20,700
50	16,600	15,600	17,300	18,400	16,300	14,800	16,300	17,900	15,800	16,900
55	13,800	12,700	14,500	15,600	13,500	11,900	13,400	15,100	12,800	14,100
60	11,500	10,400	12,100	13,200	11,200	9,600	11,100	12,700	10,500	11,700
65	9,600	8,500	10,200	11,200	9,300	7,700	9,200	10,800	8,700	9,800
70	8,000	6,900	8,600	9,600	7,700	6,200	7,700	9,200	7,100	8,200
75	6,700	5,600	7,300	8,300	6,400	4,900	6,400	7,900	5,800	6,900
80	5,500	4,500	6,200	7,100	5,300	3,800	5,200	6,700	4,700	5,800
85	4,500	3,500	5,200	6,200	4,300	2,900	4,300	5,700	3,700	4,800
90	3,700	2,700	4,300	5,300	3,500	2,100	3,400	4,900	2,900	4,000
95			3,500	4,500	2,700	1,300	2,700	4,100	2,200	3,200
100			2,900	3,800	2,000		2,000	3,500	1,500	2,600
105					1,400		1,400	2,800		2,000
110								2,300		1,400
115								1,800		
Unpinned										
Min Angle	0.0	0.0	0.0	0.0	0.0	28.5	0.0	0.0	30.0	16.0
Max Rad.	93.0	93.0	103.0	104.2	106.4	96.0	108.0	118.0	103.7	115.0
Capacity	3,200	2,200	2,500	3,300	1,300	0	1,100	1,500	0	0

1020010

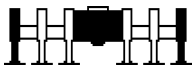
For sales use only

Radius (ft)	Boom Length (ft) Extend Mode 126.3 EM4	137.2 EM1	140.0 EM2	140.3 EM3	150.0 EM1	152.4 EM2	164.1 EM1
25	37,700	25,400					
30	37,700	25,400	28,300	30,800	22,500	24,400	
35	31,000	25,400	28,300	30,200	22,500	24,400	19,600
40	24,300	25,400	24,800	23,600	22,500	24,200	19,600
45	19,400	21,500	19,900	18,700	20,700	19,200	19,600
50	15,700	17,600	16,000	15,000	16,800	15,600	16,100
55	12,800	14,700	13,300	12,200	14,000	12,700	13,400
60	10,500	12,400	10,900	9,900	11,700	10,400	11,000
65	8,600	10,500	9,100	8,000	9,800	8,500	9,100
70	7,100	8,900	7,500	6,500	8,200	7,000	7,600
75	5,800	7,500	6,200	5,200	6,900	5,700	6,300
80	4,700	6,400	5,100	4,100	5,800	4,600	5,200
85	3,700	5,400	4,100	3,100	4,800	3,600	4,200
90	2,900	4,600	3,300	2,300	3,900	2,800	3,400
95	2,200	3,800	2,500	1,600	3,200	2,000	2,600
100	1,500	3,200	1,900		2,500	1,400	2,000
105		2,600	1,300		1,900		1,400
110		2,000			1,400		
115		1,500					
120		1,100					
Unpinned							
Min Angle	31.5	21.5	37.5	44.0	38.5	46.5	48.0
Max Rad.	103.3	122.5	107.9	98.3	115.0	102.8	109.0
Capacity	0	0	0	0	0	0	0

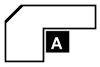
1020010

Not for crane operations

Rated Lifting Capacities In Pounds


Full

10ft Offset Fly
0°- 45° Offset



4,000 lbs

Radius (ft)	Boom Length (ft) Extend Mode										
	38.3	50.0	50.5	60.0	61.7	62.1	63.0	73.8	74.3	74.7	75.0
	ALL	EM1,2,3,4,5	EM6	EM2	EM1, EM4	EM3, EM5	EM6	EM4	EM2	EM5	EM1
10	42,100	42,900	42,900	47,700	47,700	47,700	47,700				
12	41,100	42,100	42,100	42,600	38,900	42,600	42,800	46,400	47,600	47,600	47,600
15	39,400	40,900	40,900	41,500	35,400	41,600	41,700	36,400	41,800	42,000	42,300
20	36,400	38,400	38,600	39,700	31,200	39,900	40,200	32,500	38,700	40,700	32,600
25	34,400	34,400	36,300	36,900	27,500	37,300	38,000	29,100	34,400	38,800	29,200
30	33,400	31,600	34,400	34,100	24,600	34,400	36,200	26,300	30,600	36,500	26,400
35	29,300	29,000	30,800	31,400	22,200	31,800	31,100	24,000	27,600	32,200	24,100
40	22,800	24,800	24,200	25,500	20,300	25,600	24,500	22,100	25,000	25,600	22,200
45		19,900	19,300	20,600	18,600	20,800	19,600	20,400	21,400	20,800	20,600
50		16,200	15,600	16,800	17,300	16,900	15,800	17,900	17,500	16,900	17,900
55				13,900	14,500	14,000	13,000	15,000	14,600	14,100	15,000
60				11,600	12,200	11,700	10,700	12,600	12,300	11,700	12,700
65						9,900	8,900	10,700	10,300	9,800	10,800
70								9,100	8,800	8,300	9,200
75								7,800	7,500	7,000	7,900
Unpinned			42,900				47,700				
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	41.4	53.1	53.5	63.1	64.7	65.2	66.1	76.9	77.4	77.8	78.1
Capacity	21,500	14,400	13,600	10,500	10,400	9,900	8,600	7,400	7,000	6,400	7,200

1021010

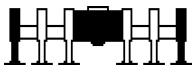
Radius (ft)	Boom Length (ft) Extend Mode										
	75.0	76.1	85.0	86.0	86.4	87.3	87.8	89.5	99.4	99.5	100.0
	EM3	EM6	EM2	EM1	EM4	EM3	EM5	EM6	EM4	EM2	EM1
12	47,600	47,600									
15	42,000	42,200	46,100	41,700	40,200	46,300	46,600	47,200			
20	40,700	40,900	39,600	32,700	33,700	40,800	41,000	41,300	34,500	38,500	32,800
25	38,800	39,200	35,300	29,700	30,500	39,300	39,600	40,100	31,600	35,600	30,300
30	36,500	37,500	32,000	27,000	27,800	37,800	38,100	38,500	29,100	32,400	28,000
35	32,200	30,600	29,000	24,300	25,600	32,300	31,700	29,400	27,000	29,800	25,700
40	25,600	24,000	26,200	22,000	23,700	25,700	25,000	22,900	25,100	26,100	23,600
45	20,800	19,100	21,300	20,100	21,600	20,800	20,200	18,000	21,000	21,300	21,700
50	16,900	15,400	17,400	18,300	17,800	17,000	16,300	14,300	17,100	17,400	18,100
55	14,100	12,500	14,600	15,400	14,900	14,100	13,500	11,500	14,300	14,500	15,200
60	11,700	10,200	12,200	13,000	12,500	11,700	11,200	9,200	11,900	12,200	12,800
65	9,800	8,400	10,300	11,100	10,600	9,800	9,300	7,400	10,000	10,200	10,900
70	8,300	6,800	8,700	9,500	9,000	8,300	7,700	5,900	8,400	8,700	9,300
75	7,000	5,500	7,400	8,100	7,700	7,000	6,400	4,600	7,100	7,300	8,000
80			6,300	7,000	6,600	5,800	5,300	3,500	6,000	6,200	6,800
85			5,300	6,000	5,600	4,900	4,400	2,600	5,000	5,200	5,900
90						4,100	3,600	1,800	4,200	4,400	5,000
95									3,500	3,700	4,300
100									2,800	3,000	3,600
Unpinned		47,600						47,200			
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	78.1	79.1	88.1	89.0	89.5	90.4	90.8	92.6	102.5	102.5	103.1
Capacity	6,300	4,700	4,900	5,400	4,900	4,100	3,500	1,400	2,600	2,800	3,300

1021010

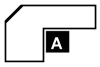
Sales use only

Not for crane operations

Rated Lifting Capacities In Pounds


Full

10ft Offset Fly
0°- 45° Offset



4,000 lbs

Radius (ft)	Boom Length (ft) / Extend Mode									
	100.0		110.0	111.2	113.4	114.6	115.0	125.0		125.5
	EM3	EM5	EM2	EM1	EM3	EM5	EM4	EM1	EM3	EM2
20	40,800	41,100	32,700	27,200	35,500	39,500	32,900			
25	39,500	39,900	32,700	27,200	35,500	39,500	32,400	23,600	30,400	26,600
30	38,200	38,600	32,700	27,200	35,500	38,600	30,100	23,600	30,400	26,600
35	31,700	30,600	30,400	26,300	31,300	29,600	28,100	23,600	30,400	26,600
40	25,100	24,000	25,600	24,300	24,700	23,000	24,600	23,600	23,900	25,100
45	20,300	19,100	20,800	21,900	19,800	18,100	19,700	21,300	19,000	20,200
50	16,400	15,400	16,900	18,000	16,000	14,500	15,900	17,400	15,400	16,400
55	13,600	12,500	14,100	15,100	13,200	11,600	13,100	14,600	12,500	13,600
60	11,300	10,200	11,800	12,700	10,900	9,400	10,800	12,200	10,200	11,300
65	9,400	8,400	9,800	10,800	9,000	7,500	8,900	10,300	8,300	9,400
70	7,800	6,800	8,300	9,200	7,400	6,000	7,400	8,700	6,700	7,800
75	6,500	5,500	6,900	7,900	6,100	4,700	6,000	7,400	5,500	6,500
80	5,400	4,400	5,800	6,700	5,000	3,600	4,900	6,200	4,300	5,400
85	4,400	3,500	4,900	5,800	4,000	2,700	4,000	5,300	3,400	4,400
90	3,600	2,700	4,000	4,900	3,200	1,900	3,100	4,400	2,600	3,600
95	2,900	2,000	3,300	4,200	2,500	1,100	2,400	3,700	1,800	2,800
100	2,200	1,300	2,600	3,500	1,800		1,800	3,000	1,200	2,200
105			2,000	2,900	1,300		1,200	2,400		1,600
110			1,500	2,400				1,900		1,100
115								1,400		
120								1,000		
Unpinned										
Min Angle	0.0	0.0	0.0	0.0	22.5	36.0	25.0	19.0	38.5	30.5
Max Rad.	103.1	103.1	113.1	114.2	108.2	95.8	107.7	121.9	101.5	112.1
Capacity	1,900	1,000	1,300	2,000	0	0	0	0	0	0

1021010

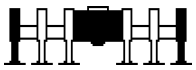
For sales use only

Radius (ft)	Boom Length (ft) / Extend Mode						
	126.3	137.2	140.0	140.3	150.0	152.4	164.1
	EM4	EM1	EM2	EM3	EM1	EM2	EM1
25	29,000	20,500					
30	29,000	20,500	23,100	25,400	18,500		
35	28,400	20,500	23,100	25,400	18,500	20,400	15,900
40	23,800	20,500	23,100	23,000	18,500	20,400	15,900
45	19,000	20,500	19,300	18,100	18,500	18,600	15,900
50	15,300	17,000	15,700	14,600	16,200	15,000	15,600
55	12,400	14,200	12,700	11,700	13,400	12,100	12,700
60	10,100	11,800	10,400	9,400	11,100	9,800	10,400
65	8,300	9,900	8,600	7,600	9,200	8,000	8,500
70	6,700	8,300	7,000	6,000	7,600	6,400	7,000
75	5,400	7,000	5,700	4,700	6,300	5,200	5,700
80	4,300	5,900	4,600	3,600	5,200	4,000	4,600
85	3,400	4,900	3,600	2,700	4,200	3,100	3,600
90	2,500	4,000	2,800	1,900	3,400	2,300	2,800
95	1,800	3,300	2,100		2,600	1,500	2,000
100	1,200	2,600	1,400		2,000	1,100	1,400
105		2,100			1,400		
110		1,500					
115		1,100					
Unpinned							
Min Angle	39.0	34.5	44.5	49.5	45.5	51.5	53.0
Max Rad.	101.1	117.1	104.4	95.0	109.9	101.1	103.5
Capacity	0	0	0	0	0	0	0

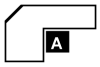
1021010

Not for crane operations

Rated Lifting Capacities In Pounds


Full

35ft Offset Fly



4,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	38.3				61.7				86.0			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
10	28,700											
12	26,800											
15	24,400				25,200							
20	21,100	16,900			23,000				21,300			
25	18,600	15,300	13,000		21,000	16,400			20,700			
30	16,700	14,000	12,100	10,800	19,200	15,400	12,800		19,700	15,800		
35	15,000	12,900	11,400	10,300	17,700	14,400	12,200		18,700	15,100		
40	13,600	12,000	10,800	9,900	16,500	13,600	11,600	10,400	17,700	14,400	12,100	
45	12,500	11,200	10,200	9,600	15,300	12,800	11,200	10,100	16,800	13,800	11,700	10,400
50	11,500	10,500	9,700	9,200	14,300	12,200	10,700	9,800	16,000	13,200	11,300	10,100
55	10,700	9,900	9,300	8,900	13,100	11,600	10,400	9,600	15,200	12,700	11,000	9,900
60	9,900	9,300	8,900		12,000	11,000	10,000	9,300	14,300	12,200	10,700	9,800
65	9,200	8,900			11,000	10,500	9,600	9,100	12,300	11,700	10,400	9,500
70					10,200	9,800	9,300	8,900	10,600	11,300	10,100	9,300
75					9,200	9,200	9,000		9,300	9,900	9,800	9,100
80					8,100	8,400	8,500		8,100	8,600	9,000	9,000
85					7,100	7,300			7,100	7,500	7,900	8,100
90									6,200	6,600	6,900	7,000
95									5,400	5,700	6,000	
100									4,700	5,000	5,200	
105									4,100	4,300	4,400	
110									3,600	3,700		

Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	66.4	66.3	65.0	62.5	89.7	89.5	87.8	84.7	114.0	113.7	111.8	108.3
Capacity	9,000	8,900	8,900	8,900	6,300	6,400	6,700	7,200	3,300	3,300	3,400	3,600

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For sales use only

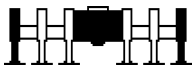
Radius (ft)	Boom Length (ft)											
	Fly Offset											
	111.2				137.2				164.1			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
25	16,200											
30	16,200											
35	16,200				13,200							
40	16,200	14,500			13,200				11,100			
45	16,200	14,100	12,000		13,200	13,700			11,100			
50	16,200	13,600	11,700	10,400	13,200	13,600			11,100			
55	15,800	13,200	11,400	10,200	13,200	13,300	11,600		11,100	11,600		
60	13,700	12,800	11,100	10,000	12,600	13,000	11,400	10,200	11,100	11,600		
65	11,700	12,500	10,900	9,900	10,700	11,700	11,200	10,100	9,200	10,500	11,300	
70	10,100	10,900	10,600	9,700	9,000	10,000	10,800	9,900	7,600	8,700	9,700	10,100
75	8,700	9,400	10,000	9,500	7,700	8,500	9,300	9,700	6,300	7,300	8,200	8,900
80	7,500	8,200	8,700	9,100	6,500	7,300	8,000	8,500	5,200	6,100	6,900	7,500
85	6,500	7,100	7,600	7,900	5,500	6,200	6,800	7,300	4,200	5,000	5,800	6,300
90	5,600	6,200	6,600	6,900	4,700	5,300	5,800	6,200	3,300	4,100	4,800	5,300
95	4,900	5,300	5,700	6,000	3,900	4,500	5,000	5,300	2,600	3,300	3,900	4,400
100	4,200	4,600	4,900	5,100	3,200	3,800	4,200	4,500	1,900	2,600	3,100	3,600
105	3,600	4,000	4,200	4,400	2,600	3,100	3,500	3,800	1,300	1,900	2,500	2,800
110	3,000	3,400	3,600	3,700	2,100	2,500	2,900	3,100		1,400	1,800	2,200
115	2,600	2,800	3,000		1,600	2,000	2,300	2,500			1,300	1,600
120	2,100	2,300	2,500		1,200	1,500	1,800	2,000				1,000
125	1,700	1,900	2,000			1,100	1,300	1,500				
130	1,400	1,500					900	1,000				

Min Angle	16.0	19.0	0.0	0.0	43.0	43.5	44.0	44.0	57.5	58.0	58.5	58.5
Max Rad.	135.0	135.0	136.7	132.9	123.7	128.1	130.6	131.9	108.1	114.6	118.5	121.5
Capacity	0	0	900	900	0	0	0	0	0	0	0	0

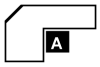
1021070

not for crane operations

Rated Lifting Capacities In Pounds


Full

35ft Offset Fly



4,000 lbs

Radius (ft)	Boom Length (ft) / Fly Offset											
	38.3				50.0				74.3			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
10	28,700											
12	26,800				27,600							
15	24,400				25,500							
20	21,100	16,900			22,600	17,400			23,400			
25	18,600	15,300	13,000		20,200	16,000			21,700	16,900		
30	16,700	14,000	12,100	10,800	18,200	14,800	12,500		20,200	15,900		
35	15,000	12,900	11,400	10,300	16,700	13,800	11,800	10,500	18,800	15,000	12,500	
40	13,600	12,000	10,800	9,900	15,300	12,900	11,300	10,200	17,500	14,200	12,000	10,500
45	12,500	11,200	10,200	9,600	14,100	12,100	10,700	9,900	16,500	13,500	11,500	10,300
50	11,500	10,500	9,700	9,200	13,000	11,400	10,300	9,600	15,500	12,800	11,100	10,000
55	10,700	9,900	9,300	8,900	12,100	10,800	9,900	9,300	14,600	12,200	10,700	9,800
60	9,900	9,300	8,900		11,400	10,300	9,500	9,000	13,700	11,700	10,400	9,600
65	9,200	8,900			10,700	9,800	9,100	8,900	12,000	11,200	10,100	9,300
70					10,000	9,300	8,900		10,300	10,800	9,800	9,100
75					8,900	8,900			9,000	9,500	9,500	9,000
80									7,800	8,300	8,600	8,800
85									6,800	7,200	7,500	
90									5,900	6,200	6,400	
95									5,200	5,400		
100									4,500	4,600		

Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	66.4	66.3	65.0	62.5	78.0	77.9	76.4	73.5	102.4	102.1	100.2	96.9
Capacity	9,000	8,900	8,900	8,900	8,200	8,300	8,700	8,900	4,300	4,300	4,500	4,800

1021080

For sales use only

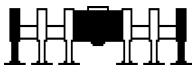
Radius (ft)	Boom Length (ft) / Fly Offset											
	99.5				125.5				152.4			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
25	21,100											
30	20,300				17,300							
35	19,400	15,500			17,300							
40	18,500	14,800	12,400		17,300	15,000			13,800			
45	17,600	14,200	12,000	10,500	17,300	14,500			13,800			
50	16,900	13,700	11,600	10,300	17,000	14,100	11,900		13,800	14,000		
55	15,700	13,200	11,300	10,100	14,700	13,700	11,600	10,300	13,100	13,700	11,800	
60	13,400	12,700	11,000	9,900	12,300	13,300	11,400	10,100	10,800	12,200	11,600	
65	11,400	12,300	10,700	9,800	10,300	11,400	11,100	10,000	8,900	10,100	11,300	10,200
70	9,800	10,600	10,500	9,500	8,700	9,700	10,500	9,900	7,300	8,400	9,400	10,000
75	8,400	9,100	9,700	9,300	7,400	8,200	9,000	9,600	6,000	7,000	7,900	8,600
80	7,300	7,900	8,400	8,800	6,200	7,000	7,700	8,200	4,800	5,800	6,600	7,200
85	6,200	6,800	7,300	7,600	5,200	5,900	6,500	7,000	3,900	4,700	5,500	6,000
90	5,400	5,900	6,300	6,500	4,400	5,000	5,500	5,900	3,000	3,800	4,500	5,000
95	4,600	5,000	5,400	5,600	3,600	4,200	4,700	5,000	2,300	3,000	3,600	4,100
100	3,900	4,300	4,600	4,700	2,900	3,500	3,900	4,200	1,600	2,300	2,800	3,200
105	3,300	3,700	3,900		2,300	2,800	3,200	3,400		1,600	2,100	2,500
110	2,800	3,100	3,200		1,800	2,200	2,600	2,800		1,000	1,500	1,800
115	2,300	2,500	2,600		1,300	1,700	2,000	2,200				1,200
120	1,900	2,000				1,200	1,500	1,600				
125	1,500	1,600					1,000					

Min Angle	0.0	0.0	0.0	0.0	40.0	40.5	40.5	40.0	56.0	56.5	56.5	56.5
Max Rad.	127.5	127.2	125.1	121.4	120.0	124.4	126.9	127.5	105.0	110.6	115.0	118.4
Capacity	1,400	1,400	1,400	1,500	0	0	0	0	0	0	0	0

1021080

Not for crane operations

Rated Lifting Capacities In Pounds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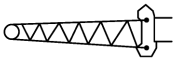
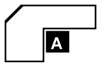

35ft Offset Fly



4,000 lbs

Radius (ft)	Boom Length (ft) / Fly Offset 38.3 0°	38.3 15°	38.3 30°	38.3 45°	50.0 0°	50.0 15°	50.0 30°	50.0 45°	62.1 0°	62.1 15°	62.1 30°	62.1 45°
10	28,700											
12	26,800				27,600							
15	24,400				25,500				26,000			
20	21,100	16,900			22,600	17,400			23,500			
25	18,600	15,300	13,000		20,200	16,000			21,400	16,600		
30	16,700	14,000	12,100	10,800	18,200	14,800	12,500		19,500	15,500	12,800	
35	15,000	12,900	11,400	10,300	16,700	13,800	11,800	10,500	17,900	14,500	12,200	10,700
40	13,600	12,000	10,800	9,900	15,300	12,900	11,300	10,200	16,700	13,600	11,700	10,400
45	12,500	11,200	10,200	9,600	14,100	12,100	10,700	9,900	15,500	12,900	11,200	10,100
50	11,500	10,500	9,700	9,200	13,000	11,400	10,300	9,600	14,400	12,200	10,700	9,800
55	10,700	9,900	9,300	8,900	12,100	10,800	9,900	9,300	13,500	11,600	10,400	9,600
60	9,900	9,300	8,900		11,400	10,300	9,500	9,000	12,600	11,100	10,000	9,300
65	9,200	8,900			10,700	9,800	9,100	8,900	11,900	10,600	9,700	9,100
70					10,000	9,300	8,900		10,300	10,200	9,300	8,900
75					8,900	8,900			8,900	9,400	9,100	
80									7,700	8,100	8,300	
85									6,800	7,000		
90									5,900			
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	66.4	66.3	65.0	62.5	78.0	77.9	76.4	73.5	90.2	90.0	88.3	85.1
Capacity	9,000	8,900	8,900	8,900	8,200	8,300	8,700	8,900	5,900	6,000	6,300	6,700

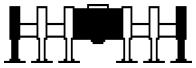
1021090

Radius (ft)	Boom Length (ft) / Fly Offset 87.3 0°	87.3 15°	87.3 30°	87.3 45°	113.4 0°	113.4 15°	113.4 30°	113.4 45°	140.3 0°	140.3 15°	140.3 30°	140.3 45°
20	23,700											
25	22,300				20,900							
30	20,900	16,300			20,800							
35	19,700	15,500	12,700		19,900	15,800			17,300			
40	18,500	14,700	12,200		19,100	15,200			17,300			
45	17,400	14,000	11,800	10,400	18,300	14,700	12,200		17,300	14,800		
50	16,600	13,400	11,400	10,200	17,400	14,100	11,900	10,400	15,600	14,400	12,100	
55	15,600	12,800	11,100	10,000	14,500	13,600	11,600	10,200	12,900	14,000	11,900	
60	13,300	12,300	10,700	9,800	12,100	13,200	11,300	10,000	10,500	11,900	11,600	10,200
65	11,300	11,900	10,500	9,600	10,200	11,200	11,000	9,900	8,600	9,900	11,000	10,100
70	9,700	10,500	10,200	9,400	8,600	9,500	10,300	9,800	7,000	8,200	9,200	10,000
75	8,300	9,000	9,600	9,200	7,200	8,100	8,800	9,400	5,700	6,800	7,700	8,400
80	7,200	7,700	8,200	8,600	6,100	6,800	7,500	8,000	4,600	5,500	6,400	7,000
85	6,200	6,700	7,100	7,300	5,100	5,800	6,300	6,800	3,600	4,500	5,200	5,800
90	5,300	5,700	6,100	6,200	4,200	4,800	5,300	5,700	2,800	3,600	4,200	4,700
95	4,500	4,900	5,200		3,500	4,000	4,500	4,800	2,000	2,800	3,400	3,800
100	3,900	4,200	4,400		2,800	3,300	3,700	3,900	1,400	2,000	2,600	3,000
105	3,300	3,500	3,600		2,200	2,600	3,000	3,200		1,400	1,900	2,200
110	2,700	2,900			1,700	2,100	2,300	2,500			1,300	1,600
115	2,300				1,200	1,500	1,800					
120						1,000	1,200					
Min Angle	0.0	0.0	0.0	0.0	34.0	34.5	35.0	34.5	54.0	54.0	54.0	54.0
Max Rad.	115.4	115.1	113.1	109.6	118.5	121.9	123.5	123.8	103.0	108.2	112.8	115.0
Capacity	2,300	2,300	2,400	2,600	0	0	0	0	0	0	0	0

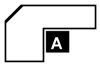
1021090

Not for crane operations

Rated Lifting Capacities In Pounds


Full

58ft Offset Fly



4,000 lbs

Radius (ft)	Boom Length (ft) / Fly Offset 38.3 0°	38.3 15°	38.3 30°	38.3 45°	61.7 0°	61.7 15°	61.7 30°	61.7 45°	86.0 0°	86.0 15°	86.0 30°	86.0 45°
15	16,600											
20	14,700				14,300							
25	13,000				13,400				12,400			
30	11,600	9,600			12,500				11,900			
35	10,500	8,800			11,700	9,400			11,500			
40	9,500	8,200	7,200		10,900	8,800			11,000	9,100		
45	8,700	7,600	6,700		10,100	8,300			10,600	8,700		
50	8,100	7,100	6,300	5,700	9,400	7,900	6,700		10,100	8,300		
55	7,500	6,700	6,000	5,500	8,800	7,400	6,400		9,700	7,900	6,700	
60	6,900	6,300	5,700	5,200	8,300	7,100	6,100	5,500	9,200	7,600	6,400	
65	6,500	5,900	5,400	5,100	7,800	6,700	5,900	5,300	8,800	7,300	6,200	5,500
70	6,000	5,600	5,200	4,900	7,300	6,400	5,700	5,200	8,300	7,000	6,000	5,400
75	5,700	5,300	5,000	4,800	6,900	6,100	5,500	5,100	8,000	6,700	5,800	5,200
80	5,300	5,100	4,900	4,800	6,600	5,800	5,300	5,000	7,600	6,500	5,700	5,100
85	5,000	4,900	4,800		6,200	5,600	5,200	4,900	7,200	6,200	5,500	5,000
90					5,900	5,400	5,000	4,800	6,900	6,000	5,400	5,000
95					5,600	5,200	4,900	4,800	6,200	5,800	5,200	4,900
100					5,400	5,000	4,800		5,500	5,600	5,100	4,800
105					5,100	4,900	4,700		4,900	5,400	5,000	4,800
110					4,600	4,800			4,300	4,800	4,900	4,700
115									3,800	4,200	4,500	4,600
120									3,300	3,700	3,900	
125									2,900	3,200	3,400	
130									2,600	2,800		
135									2,300	2,300		

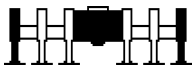
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	89.4	89.2	87.3	84.0	112.7	112.3	109.8	105.3	137.0	136.4	133.5	128.2
Capacity	4,800	4,900	4,800	4,800	4,400	4,500	4,700	4,800	2,200	2,200	2,400	2,600

1021100

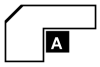
For sales use

Not for crane operations

Rated Lifting Capacities In Pounds


Full

58ft Offset Fly



4,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	111.2				137.2				164.1			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
30	10,100											
35	10,100											
40	10,100				8,600							
45	10,100				8,600							
50	10,000	8,500			8,600				7,500			
55	9,700	8,200			8,600	8,200			7,500			
60	9,500	7,900			8,600	8,000			7,500			
65	9,200	7,600	6,400		8,600	7,800			7,500	7,800		
70	8,900	7,400	6,300	5,500	8,600	7,600	6,400		7,500	7,600		
75	8,600	7,100	6,100	5,400	8,400	7,400	6,300		7,000	7,500		
80	8,200	6,900	5,900	5,300	7,200	7,200	6,100	5,400	5,800	7,300	6,300	
85	7,200	6,700	5,800	5,200	6,200	7,000	6,000	5,300	4,800	6,200	6,100	
90	6,300	6,500	5,700	5,100	5,300	6,300	5,900	5,200	3,900	5,200	6,000	5,300
95	5,500	6,300	5,500	5,000	4,500	5,500	5,700	5,100	3,200	4,400	5,400	5,200
100	4,800	5,600	5,400	5,000	3,800	4,700	5,500	5,100	2,500	3,600	4,600	5,200
105	4,200	4,900	5,300	4,900	3,200	4,000	4,800	5,000	1,900	2,900	3,800	4,500
110	3,600	4,300	4,800	4,900	2,600	3,400	4,100	4,600	1,300	2,300	3,100	3,800
115	3,100	3,700	4,200	4,500	2,100	2,900	3,500	3,900		1,700	2,500	3,100
120	2,700	3,200	3,600	3,900	1,700	2,400	2,900	3,300		1,200	2,000	2,500
125	2,300	2,700	3,100	3,300	1,300	1,900	2,400	2,800			1,500	2,000
130	1,900	2,300	2,600	2,800	900	1,500	1,900	2,300			1,000	1,400
135	1,600	1,900	2,200			1,100	1,500	1,800				1,000
140	1,200	1,600	1,800				1,100	1,300				
145	1,000	1,200	1,400					900				
150		900	1,000									

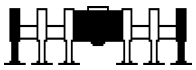
Min Angle	26.5	28.0	28.0	18.0	48.0	49.0	49.5	50.0	60.5	60.5	61.5	62.0
Max Rad.	147.5	150.8	151.9	146.9	130.8	138.1	143.1	145.6	113.3	124.4	131.9	136.5
Capacity	0	0	0	0	0	0	0	0	0	0	0	0

1021100

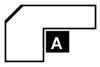
For sale use only

Not for crane operations

Rated Lifting Capacities In Pounds


Full

58ft Offset Fly



4,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	38.3				50.0				74.3			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
15	16,600				16,300							
20	14,700				14,900							
25	13,000				13,600				13,500			
30	11,600	9,600			12,400	9,900			12,700			
35	10,500	8,800			11,300	9,200			12,000			
40	9,500	8,200	7,200		10,300	8,600			11,400	9,100		
45	8,700	7,600	6,700		9,500	8,000	6,900		10,700	8,600		
50	8,100	7,100	6,300	5,700	8,800	7,600	6,600		10,100	8,200	6,900	
55	7,500	6,700	6,000	5,500	8,200	7,100	6,200	5,600	9,500	7,800	6,600	
60	6,900	6,300	5,700	5,200	7,700	6,700	5,900	5,400	8,900	7,400	6,300	5,600
65	6,500	5,900	5,400	5,100	7,200	6,300	5,700	5,200	8,400	7,100	6,100	5,400
70	6,000	5,600	5,200	4,900	6,700	6,000	5,500	5,100	8,000	6,800	5,900	5,300
75	5,700	5,300	5,000	4,800	6,300	5,700	5,300	4,900	7,500	6,500	5,700	5,200
80	5,300	5,100	4,900	4,800	6,000	5,500	5,100	4,900	7,200	6,200	5,500	5,100
85	5,000	4,900	4,800		5,600	5,300	5,000	4,800	6,800	6,000	5,300	5,000
90					5,300	5,100	4,800		6,500	5,700	5,200	4,900
95					5,100	4,900	4,700		6,100	5,500	5,100	4,800
100					4,900	4,800			5,400	5,300	5,000	4,800
105									4,800	5,200	4,900	4,800
110									4,200	4,600	4,800	
115									3,700	4,000	4,200	
120									3,300	3,500		
125									2,900			

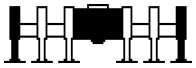
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	89.4	89.2	87.3	84.0	101.0	100.7	98.5	94.5	125.4	124.8	122.0	117.1
Capacity	4,800	4,900	4,800	4,800	4,800	4,800	4,700	4,800	2,900	3,000	3,200	3,500

1021110

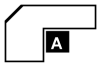
For sales use

Not for crane operations

Rated Lifting Capacities In Pounds


Full

58ft Offset Fly



4,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	99.5				125.5				152.4			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
30	12,300											
35	11,800				10,800							
40	11,400				10,800							
45	11,000	8,900			10,700				9,200			
50	10,600	8,600			10,500	8,700			9,200			
55	10,200	8,200	6,800		10,200	8,400			9,200			
60	9,800	7,900	6,600		9,900	8,200			9,200	8,300		
65	9,300	7,600	6,400	5,600	9,600	7,900	6,600		9,200	8,100		
70	8,900	7,300	6,200	5,400	9,400	7,700	6,400		8,100	7,900		
75	8,500	7,000	6,000	5,300	8,200	7,400	6,200	5,400	6,700	7,600	6,400	
80	8,100	6,800	5,800	5,200	7,000	7,200	6,100	5,300	5,600	7,100	6,300	5,400
85	7,100	6,500	5,700	5,100	6,000	7,000	5,900	5,300	4,600	6,000	6,100	5,400
90	6,200	6,300	5,500	5,000	5,100	6,200	5,800	5,200	3,700	5,000	6,000	5,300
95	5,400	6,100	5,400	5,000	4,300	5,300	5,700	5,100	2,900	4,100	5,200	5,200
100	4,700	5,400	5,300	4,900	3,600	4,500	5,300	5,000	2,300	3,400	4,400	5,100
105	4,100	4,700	5,200	4,900	3,000	3,800	4,600	5,000	1,700	2,700	3,600	4,300
110	3,500	4,100	4,600	4,800	2,500	3,200	3,900	4,400	1,100	2,100	2,900	3,600
115	3,000	3,500	4,000	4,200	2,000	2,700	3,300	3,700		1,500	2,300	2,900
120	2,600	3,000	3,400	3,600	1,500	2,200	2,700	3,100		1,000	1,700	2,300
125	2,200	2,600	2,900	3,000	1,100	1,700	2,200	2,500			1,200	1,700
130	1,800	2,100	2,400			1,300	1,700	2,000				1,200
135	1,400	1,700	1,900			900	1,300	1,500				
140	1,100	1,400	1,500				900	1,100				
145	900											

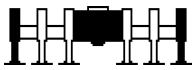
Min Angle	15.5	22.0	14.0	34.5	45.0	45.5	46.0	46.0	59.0	59.5	60.0	60.0
Max Rad.	145.8	145.0	143.8	135.0	128.1	135.6	140.6	142.5	111.6	121.4	128.6	133.5
Capacity	0	0	0	0	0	0	0	0	0	0	0	0

1021110

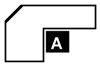
For sales use only

Not for crane operations

Rated Lifting Capacities In Pounds


Full

58ft Offset Fly



4,000 lbs

Radius (ft)	Boom Length (ft) / Fly Offset 38.3 0°	38.3 15°	38.3 30°	38.3 45°	50.0 0°	50.0 15°	50.0 30°	50.0 45°	62.1 0°	62.1 15°	62.1 30°	62.1 45°
15	16,600				16,300							
20	14,700				14,900				14,800			
25	13,000				13,600				13,800			
30	11,600	9,600			12,400	9,900			12,800			
35	10,500	8,800			11,300	9,200			11,900	9,500		
40	9,500	8,200	7,200		10,300	8,600			11,000	8,900		
45	8,700	7,600	6,700		9,500	8,000	6,900		10,200	8,400	7,100	
50	8,100	7,100	6,300	5,700	8,800	7,600	6,600		9,500	7,900	6,700	
55	7,500	6,700	6,000	5,500	8,200	7,100	6,200	5,600	8,900	7,500	6,400	5,700
60	6,900	6,300	5,700	5,200	7,700	6,700	5,900	5,400	8,400	7,100	6,200	5,500
65	6,500	5,900	5,400	5,100	7,200	6,300	5,700	5,200	7,900	6,700	5,900	5,300
70	6,000	5,600	5,200	4,900	6,700	6,000	5,500	5,100	7,400	6,400	5,700	5,200
75	5,700	5,300	5,000	4,800	6,300	5,700	5,300	4,900	7,000	6,100	5,500	5,100
80	5,300	5,100	4,900	4,800	6,000	5,500	5,100	4,900	6,600	5,900	5,300	5,000
85	5,000	4,900	4,800		5,600	5,300	5,000	4,800	6,200	5,600	5,200	4,900
90					5,300	5,100	4,800		5,900	5,400	5,000	4,800
95					5,100	4,900	4,700		5,600	5,200	4,900	4,800
100					4,900	4,800			5,400	5,100	4,800	
105									4,900	4,900	4,700	
110									4,400	4,500		
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	89.4	89.2	87.3	84.0	101.0	100.7	98.5	94.5	113.2	112.7	110.2	105.7
Capacity	4,800	4,900	4,800	4,800	4,800	4,800	4,700	4,800	4,100	4,200	4,500	4,800

1021120

For sales us

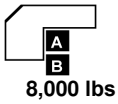
Radius (ft)	Boom Length (ft) / Fly Offset 87.3 0°	87.3 15°	87.3 30°	87.3 45°	113.4 0°	113.4 15°	113.4 30°	113.4 45°	140.3 0°	140.3 15°	140.3 30°	140.3 45°
25	13,600											
30	12,900				12,500							
35	12,300				12,100							
40	11,700	9,400			11,700				11,000			
45	11,200	8,900			11,300	9,200			11,000			
50	10,600	8,500			10,900	8,800			10,800			
55	10,100	8,100	6,700		10,500	8,500			10,500	8,700		
60	9,500	7,700	6,500		10,200	8,100	6,700		10,300	8,400		
65	9,000	7,400	6,300	5,500	9,800	7,900	6,500		9,600	8,100		
70	8,600	7,100	6,100	5,400	9,400	7,600	6,300	5,500	8,000	7,900	6,500	
75	8,100	6,800	5,900	5,200	8,100	7,300	6,200	5,400	6,600	7,700	6,400	
80	7,700	6,500	5,700	5,100	6,900	7,100	6,000	5,300	5,500	7,000	6,200	5,400
85	7,100	6,300	5,500	5,000	5,900	6,800	5,800	5,200	4,500	5,900	6,100	5,300
90	6,200	6,100	5,400	5,000	5,100	6,100	5,700	5,100	3,600	4,900	5,900	5,200
95	5,400	5,900	5,300	4,900	4,300	5,200	5,600	5,000	2,800	4,000	5,100	5,200
100	4,700	5,400	5,100	4,800	3,600	4,500	5,200	5,000	2,200	3,300	4,200	5,000
105	4,100	4,700	5,000	4,800	3,000	3,800	4,500	4,900	1,600	2,600	3,500	4,200
110	3,600	4,100	4,500	4,800	2,400	3,200	3,800	4,300		2,000	2,800	3,400
115	3,100	3,500	3,900	4,000	1,900	2,600	3,200	3,600		1,400	2,200	2,700
120	2,600	3,000	3,300		1,500	2,100	2,600	2,900			1,600	2,100
125	2,200	2,500	2,700		1,100	1,600	2,100	2,300			1,100	1,500
130	1,800	2,100				1,200	1,600	1,800				1,000
135	1,500	1,700					1,100	1,300				
Min Angle	0.0	0.0	0.0	0.0	40.0	41.0	42.0	41.5	56.5	57.0	57.5	57.5
Max Rad.	138.4	137.7	134.8	129.5	128.1	134.4	138.1	139.5	110.0	120.0	126.9	131.5
Capacity	1,400	1,400	1,500	1,700	0	0	0	0	0	0	0	0

1021120

Not for crane operations

Rated Lifting Capacities In Pounds

Full



8,000 lbs

Radius (ft)	Boom Length (ft) Extend Mode										
	38.3	50.0	50.5	60.0	61.7	62.1	63.0	73.8	74.3	74.7	75.0
	ALL	EM1,2,3,4,5	EM6	EM2	EM1, EM4	EM3, EM5	EM6	EM4	EM2	EM5	EM1
10	161,400	86,000	160,300	90,200	58,400	90,400	137,600				
12	140,200	80,400	142,800	85,000	54,200	85,400	137,600	55,600	59,800	88,300	55,500
15	110,800	73,000	113,600	78,200	49,000	78,700	114,400	50,900	54,200	82,400	50,900
20	80,500	63,600	83,400	68,900	42,000	69,700	84,400	44,700	46,800	74,100	44,800
25	56,000	56,300	59,900	61,800	36,700	62,600	61,100	39,800	41,000	63,200	40,000
30	38,800	43,500	42,800	45,000	32,700	45,200	43,800	35,800	36,400	45,700	36,000
35		32,800	32,100	34,400	29,400	34,600	33,300	32,500	32,800	35,000	32,700
40		25,600	25,000	27,200	26,700	27,500	26,300	29,000	28,600	27,900	29,100
45				22,000	22,800	22,300	21,100	23,800	23,400	22,800	23,900
50				18,000	18,800	18,300	17,200	19,900	19,400	18,900	19,900
55						15,200	14,000	16,700	16,300	15,800	16,800
60								14,200	13,800	13,200	14,300
65								12,000	11,600	11,100	12,100
Unpinned			106,000				106,400				
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	31.3	43.0	43.5	53.0	54.7	55.1	56.0	66.8	67.3	67.7	68.0
Capacity	33,100	22,300	21,200	16,100	15,800	15,100	13,400	11,300	10,800	10,100	11,000

1030010

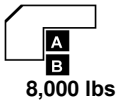
Radius (ft)	Boom Length (ft) Extend Mode										
	75.0	76.1	85.0	86.0	86.4	87.3	87.8	89.5	99.4	99.5	100.0
	EM3	EM6	EM2	EM1	EM4	EM3	EM5	EM6	EM4	EM2	EM1
12	88,300	120,400									
15	82,400	113,900	55,500	45,500	52,800	64,900	82,000	91,500			
20	74,100	84,200	48,600	39,600	47,000	56,200	77,000	83,200	48,600	47,500	41,100
25	63,200	60,800	43,200	34,900	42,400	49,500	62,600	59,600	44,400	42,200	36,900
30	45,700	43,600	38,800	31,100	38,600	44,000	45,200	42,600	40,800	37,800	33,100
35	35,000	33,100	35,200	28,000	35,400	35,300	34,600	32,100	35,700	34,000	30,200
40	27,900	26,100	28,700	25,400	29,100	28,200	27,500	25,200	28,600	28,800	27,600
45	22,800	21,100	23,500	23,200	23,900	23,000	22,400	20,200	23,400	23,700	24,400
50	18,900	17,100	19,600	20,500	20,000	19,200	18,500	16,300	19,500	19,800	20,500
55	15,800	14,100	16,500	17,400	16,800	16,000	15,400	13,200	16,300	16,600	17,300
60	13,200	11,500	14,000	14,900	14,400	13,500	12,900	10,800	13,900	14,100	14,900
65	11,100	9,400	11,900	12,800	12,300	11,500	10,800	8,800	11,800	12,100	12,800
70			10,100	11,000	10,500	9,700	9,100	7,100	10,100	10,300	11,000
75			8,700	9,500	9,000	8,200	7,600	5,700	8,700	8,900	9,600
80						7,000	6,400	4,400	7,400	7,600	8,300
85									6,300	6,500	7,200
90									5,400	5,600	6,300
Unpinned		106,300						91,500			
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	68.0	69.1	78.0	79.0	79.4	80.3	80.8	82.5	92.4	92.5	93.0
Capacity	10,000	8,000	7,900	8,500	7,900	6,900	6,200	3,900	5,000	5,200	5,800

1030010

Not for crane operations

Rated Lifting Capacities In Pounds

Full



8,000 lbs

Radius (ft)	Boom Length (ft)									
	Extend Mode									
	100.0		110.0	111.2	113.4	114.6	115.0	125.0		125.5
	EM3	EM5	EM2	EM1	EM3	EM5	EM4	EM1	EM3	EM2
20	58,300	65,800	43,400	36,400	45,300	50,400	43,900			
25	52,000	61,400	43,400	36,400	45,300	50,400	43,900	29,900	38,700	33,300
30	45,500	44,200	39,500	33,700	44,200	43,200	42,300	29,900	38,700	33,300
35	34,900	33,600	35,600	31,000	34,500	32,700	34,400	29,900	33,700	33,300
40	27,800	26,600	28,500	28,500	27,500	25,800	27,400	29,100	26,800	28,100
45	22,700	21,500	23,300	24,400	22,400	20,700	22,300	23,900	21,700	22,900
50	18,800	17,600	19,400	20,500	18,500	16,800	18,400	20,000	17,800	19,000
55	15,700	14,600	16,200	17,300	15,400	13,800	15,300	16,800	14,800	15,800
60	13,200	12,100	13,800	14,900	12,900	11,300	12,800	14,400	12,200	13,400
65	11,100	10,000	11,700	12,800	10,800	9,300	10,800	12,300	10,200	11,400
70	9,400	8,400	10,000	11,000	9,100	7,600	9,100	10,600	8,500	9,700
75	8,000	6,900	8,600	9,600	7,700	6,200	7,700	9,200	7,100	8,200
80	6,700	5,700	7,400	8,400	6,500	5,000	6,400	7,900	5,900	7,000
85	5,700	4,600	6,300	7,300	5,500	4,000	5,400	6,900	4,900	5,900
90	4,700	3,700	5,400	6,300	4,500	3,100	4,500	5,900	4,000	5,000
95			4,500	5,500	3,700	2,300	3,700	5,100	3,200	4,200
100			3,800	4,700	3,000	1,600	2,900	4,400	2,500	3,500
105					2,300		2,300	3,700	1,800	2,800
110								3,100	1,200	2,300
115								2,600		1,700
Unpinned										
Min Angle	0.0	0.0	0.0	0.0	0.0	17.5	0.0	0.0	20.0	0.0
Max Rad.	93.0	93.0	103.0	104.2	106.4	103.5	108.0	118.0	111.8	118.5
Capacity	4,200	3,200	3,400	4,200	2,200	0	1,900	2,300	0	1,400

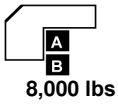
1030010

For sales use only

Not for crane operations

Rated Lifting Capacities In Pounds

Full



8,000 lbs

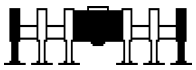
Radius (ft)	Boom Length (ft) Extend Mode						
	126.3	137.2	140.0	140.3	150.0	152.4	164.1
	EM4	EM1	EM2	EM3	EM1	EM2	EM1
25	37,700	25,400					
30	37,700	25,400	28,300	30,800	22,500	24,400	
35	33,700	25,400	28,300	30,800	22,500	24,400	19,600
40	26,800	25,400	27,200	26,000	22,500	24,400	19,600
45	21,700	23,600	22,100	21,000	22,500	21,500	19,600
50	17,800	19,600	18,200	17,000	18,900	17,600	18,300
55	14,700	16,500	15,200	14,100	15,800	14,600	15,300
60	12,200	14,100	12,600	11,600	13,400	12,100	12,700
65	10,200	12,000	10,600	9,500	11,300	10,100	10,700
70	8,500	10,300	8,900	7,900	9,600	8,400	9,000
75	7,100	8,800	7,500	6,500	8,200	7,000	7,600
80	5,900	7,600	6,300	5,300	7,000	5,800	6,400
85	4,800	6,500	5,200	4,200	5,900	4,700	5,300
90	3,900	5,600	4,300	3,300	5,000	3,800	4,400
95	3,100	4,800	3,500	2,600	4,200	3,000	3,600
100	2,400	4,100	2,800	1,900	3,500	2,300	2,900
105	1,800	3,400	2,200	1,200	2,800	1,700	2,300
110	1,200	2,900	1,600		2,300	1,100	1,700
115		2,300	1,100		1,700		1,200
120		1,800			1,300		
125		1,400					
130		1,000					
Unpinned							
Min Angle	22.5	0.0	31.0	39.5	32.0	42.0	43.5
Max Rad.	111.6	130.2	116.2	106.0	123.7	111.6	117.8
Capacity	0	1,000	0	0	0	0	0

1030010

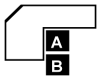
For sales use only

Not for crane operations

Rated Lifting Capacities In Pounds


Full

10ft Offset Fly
0°- 45° Offset



8,000 lbs

Radius (ft)	Boom Length (ft) Extend Mode										
	38.3	50.0	50.5	60.0	61.7	62.1	63.0	73.8	74.3	74.7	75.0
	ALL	EM1,2,3,4,5	EM6	EM2	EM1, EM4	EM3, EM5	EM6	EM4	EM2	EM5	EM1
10	42,100	42,900	42,900	47,700	47,700	47,700	47,700				
12	41,100	42,100	42,100	42,600	38,900	42,600	42,800	46,400	47,600	47,600	47,600
15	39,400	40,900	40,900	41,500	35,400	41,600	41,700	36,400	41,800	42,000	42,300
20	36,400	38,400	38,600	39,700	31,200	39,900	40,200	32,500	38,700	40,700	32,600
25	34,400	34,400	36,300	36,900	27,500	37,300	38,000	29,100	34,400	38,800	29,200
30	33,400	31,600	34,400	34,100	24,600	34,400	36,200	26,300	30,600	36,500	26,400
35	32,100	29,000	33,600	31,400	22,200	31,800	33,900	24,000	27,600	34,200	24,100
40	25,200	26,800	26,600	27,900	20,300	28,000	26,900	22,100	25,000	28,000	22,200
45		22,100	21,500	22,700	18,600	22,900	21,800	20,400	22,900	22,900	20,600
50		18,300	17,700	18,900	17,300	19,000	18,000	19,000	19,500	19,000	19,100
55				15,800	16,300	15,900	14,900	16,800	16,400	15,900	16,900
60				13,300	13,900	13,400	12,400	14,300	14,000	13,400	14,400
65						11,400	10,400	12,300	11,900	11,400	12,300
70								10,600	10,200	9,700	10,600
75								9,100	8,800	8,300	9,200
Unpinned			42,900				47,700				
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	41.4	53.1	53.5	63.1	64.7	65.2	66.1	76.9	77.4	77.8	78.1
Capacity	23,800	16,400	15,600	12,100	12,000	11,400	10,100	8,700	8,200	7,700	8,500

1031010

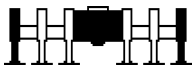
Sales use only

Radius (ft)	Boom Length (ft) Extend Mode										
	75.0	76.1	85.0	86.0	86.4	87.3	87.8	89.5	99.4	99.5	100.0
	EM3	EM6	EM2	EM1	EM4	EM3	EM5	EM6	EM4	EM2	EM1
12	47,600	47,600									
15	42,000	42,200	46,100	41,700	40,200	46,300	46,600	47,200			
20	40,700	40,900	39,600	32,700	33,700	40,800	41,000	41,300	34,500	38,500	32,800
25	38,800	39,200	35,300	29,700	30,500	39,300	39,600	40,100	31,600	35,600	30,300
30	36,500	37,500	32,000	27,000	27,800	37,800	38,100	38,500	29,100	32,400	28,000
35	34,200	33,300	29,000	24,300	25,600	34,900	34,500	32,200	27,000	29,800	25,700
40	28,000	26,400	26,600	22,000	23,700	28,100	27,400	25,300	25,100	27,600	23,600
45	22,900	21,300	23,400	20,100	22,100	22,900	22,300	20,200	23,100	23,300	21,700
50	19,000	17,500	19,500	18,500	19,800	19,000	18,400	16,400	19,200	19,400	20,100
55	15,900	14,400	16,400	17,200	16,700	15,900	15,400	13,400	16,100	16,300	17,000
60	13,400	11,900	13,900	14,700	14,200	13,500	12,900	10,900	13,600	13,900	14,500
65	11,400	9,900	11,800	12,600	12,200	11,400	10,800	8,900	11,600	11,800	12,500
70	9,700	8,200	10,100	10,900	10,400	9,700	9,100	7,300	9,900	10,100	10,700
75	8,300	6,800	8,700	9,400	9,000	8,300	7,700	5,900	8,400	8,600	9,300
80			7,500	8,200	7,800	7,100	6,500	4,700	7,200	7,400	8,000
85			6,400	7,100	6,700	6,000	5,500	3,700	6,200	6,400	7,000
90						5,100	4,600	2,800	5,200	5,400	6,100
95									4,400	4,600	5,200
100									3,800	4,000	4,500
Unpinned		47,600						47,200			
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	78.1	79.1	88.1	89.0	89.5	90.4	90.8	92.6	102.5	102.5	103.1
Capacity	7,600	5,900	5,900	6,500	6,000	5,100	4,500	2,500	3,500	3,700	4,200

1031010

Not for crane operations

Rated Lifting Capacities In Pounds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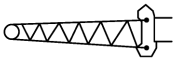
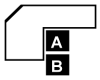

10ft Offset Fly
0°- 45° Offset



8,000 lbs

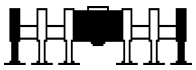
Radius (ft)	Boom Length (ft) Extend Mode									
	100.0		110.0	111.2	113.4	114.6	115.0	125.0		125.5
	EM3	EM5	EM2	EM1	EM3	EM5	EM4	EM1	EM3	EM2
20	40,800	41,100	32,700	27,200	35,500	39,500	32,900			
25	39,500	39,900	32,700	27,200	35,500	39,500	32,400	23,600	30,400	26,600
30	38,200	38,600	32,700	27,200	35,500	38,600	30,100	23,600	30,400	26,600
35	34,500	33,400	30,400	26,300	34,000	32,300	28,100	23,600	30,400	26,600
40	27,500	26,400	28,000	24,300	27,100	25,400	26,300	23,600	26,300	26,600
45	22,400	21,300	22,900	22,500	21,900	20,400	21,900	23,300	21,200	22,400
50	18,500	17,500	19,000	20,000	18,100	16,500	18,000	19,400	17,400	18,500
55	15,500	14,400	15,900	16,900	15,100	13,500	15,000	16,300	14,400	15,500
60	13,000	11,900	13,500	14,400	12,600	11,100	12,500	13,900	11,900	13,000
65	10,900	9,900	11,400	12,400	10,500	9,100	10,500	11,800	9,800	10,900
70	9,200	8,200	9,700	10,600	8,800	7,400	8,800	10,100	8,200	9,200
75	7,800	6,800	8,200	9,200	7,400	6,000	7,300	8,700	6,700	7,800
80	6,600	5,600	7,000	7,900	6,200	4,800	6,100	7,400	5,500	6,600
85	5,500	4,600	6,000	6,900	5,200	3,800	5,100	6,400	4,500	5,500
90	4,600	3,700	5,100	5,900	4,300	2,900	4,200	5,500	3,600	4,600
95	3,800	2,900	4,300	5,100	3,500	2,100	3,400	4,600	2,800	3,800
100	3,200	2,300	3,600	4,400	2,800	1,400	2,700	3,900	2,100	3,100
105			2,900	3,800	2,100		2,100	3,300	1,500	2,500
110			2,400	3,200	1,600		1,500	2,700		1,900
115					1,100			2,200		1,400
120								1,800		900
125								1,300		
Unpinned										
Min Angle	0.0	0.0	0.0	0.0	0.0	29.5	14.0	0.0	32.0	21.5
Max Rad.	103.1	103.1	113.1	114.2	116.4	103.6	115.0	128.1	109.9	120.6
Capacity	2,800	1,900	2,100	2,800	1,000	0	0	1,200	0	0

1031010

For sales use only

Not for crane operations

Rated Lifting Capacities In Pounds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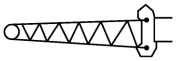
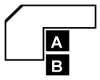

10ft Offset Fly
0°- 45° Offset



8,000 lbs

Radius (ft)	Boom Length (ft) Extend Mode						
	126.3 EM4	137.2 EM1	140.0 EM2	140.3 EM3	150.0 EM1	152.4 EM2	164.1 EM1
25	29,000	20,500					
30	29,000	20,500	23,100	25,400	18,500		
35	28,400	20,500	23,100	25,400	18,500	20,400	15,900
40	26,200	20,500	23,100	25,400	18,500	20,400	15,900
45	21,200	20,500	21,500	20,400	18,500	20,400	15,900
50	17,300	19,000	17,600	16,500	18,300	17,000	15,900
55	14,300	15,900	14,600	13,600	15,300	14,000	14,600
60	11,800	13,500	12,100	11,100	12,800	11,500	12,100
65	9,800	11,400	10,100	9,100	10,700	9,500	10,100
70	8,100	9,700	8,400	7,400	9,000	7,900	8,400
75	6,700	8,300	7,000	6,000	7,600	6,400	7,000
80	5,500	7,100	5,800	4,800	6,400	5,300	5,800
85	4,500	6,000	4,800	3,800	5,300	4,200	4,700
90	3,600	5,100	3,900	2,900	4,400	3,300	3,800
95	2,800	4,300	3,100	2,100	3,600	2,500	3,000
100	2,100	3,600	2,400	1,400	2,900	1,800	2,300
105	1,500	2,900	1,700		2,300	1,200	1,700
110		2,400	1,200		1,700		1,100
115		1,800			1,200		
120		1,400					
125		1,000					

Unpinned							

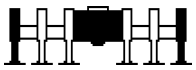
Min Angle	33.0	27.0	39.5	45.0	41.0	48.0	50.0
Max Rad.	109.9	126.9	112.7	103.7	118.5	106.6	111.5
Capacity	0	0	0	0	0	0	0

1031010

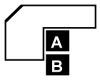
For sales use only

Not for crane operations

Rated Lifting Capacities In Pounds


Full

35ft Offset Fly



8,000 lbs

Radius (ft)	Boom Length (ft) / Fly Offset 38.3 0°	38.3 15°	38.3 30°	38.3 45°	61.7 0°	61.7 15°	61.7 30°	61.7 45°	86.0 0°	86.0 15°	86.0 30°	86.0 45°
10	28,700											
12	26,800											
15	24,400				25,200							
20	21,100	16,900			23,000				21,300			
25	18,600	15,300	13,000		21,000	16,400			20,700			
30	16,700	14,000	12,100	10,800	19,200	15,400	12,800		19,700	15,800		
35	15,000	12,900	11,400	10,300	17,700	14,400	12,200		18,700	15,100		
40	13,600	12,000	10,800	9,900	16,500	13,600	11,600	10,400	17,700	14,400	12,100	
45	12,500	11,200	10,200	9,600	15,300	12,800	11,200	10,100	16,800	13,800	11,700	10,400
50	11,500	10,500	9,700	9,200	14,300	12,200	10,700	9,800	16,000	13,200	11,300	10,100
55	10,700	9,900	9,300	8,900	13,100	11,600	10,400	9,600	15,200	12,700	11,000	9,900
60	9,900	9,300	8,900		12,000	11,000	10,000	9,300	14,400	12,200	10,700	9,800
65	9,200	8,900			11,000	10,500	9,600	9,100	13,300	11,700	10,400	9,500
70					10,200	9,800	9,300	8,900	12,100	11,300	10,100	9,300
75					9,500	9,200	9,000		10,600	10,900	9,800	9,100
80					8,900	8,600	8,500		9,300	9,800	9,500	9,000
85					8,200	8,200			8,200	8,600	9,000	8,900
90									7,200	7,600	7,900	8,100
95									6,400	6,700	7,000	
100									5,700	5,900	6,100	
105									5,000	5,200	5,300	
110									4,400	4,600		
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	66.4	66.3	65.0	62.5	89.7	89.5	87.8	84.7	114.0	113.7	111.8	108.3
Capacity	9,000	8,900	8,900	8,900	7,400	7,400	7,800	8,400	4,100	4,100	4,300	4,500

1031070

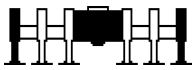
For sales use only

Radius (ft)	Boom Length (ft) / Fly Offset 111.2 0°	111.2 15°	111.2 30°	111.2 45°	137.2 0°	137.2 15°	137.2 30°	137.2 45°	164.1 0°	164.1 15°	164.1 30°	164.1 45°
25	16,200											
30	16,200											
35	16,200				13,200							
40	16,200	14,500			13,200				11,100			
45	16,200	14,100	12,000		13,200	13,700			11,100			
50	16,200	13,600	11,700	10,400	13,200	13,600			11,100			
55	15,800	13,200	11,400	10,200	13,200	13,300	11,600		11,100	11,600		
60	15,300	12,800	11,100	10,000	13,200	13,000	11,400	10,200	11,100	11,600		
65	13,300	12,500	10,900	9,900	12,200	12,700	11,200	10,100	10,800	11,600	11,300	
70	11,500	12,100	10,600	9,700	10,500	11,400	11,000	9,900	9,000	10,200	11,100	10,100
75	10,000	10,700	10,400	9,500	9,000	9,800	10,600	9,700	7,600	8,600	9,500	9,900
80	8,700	9,400	9,900	9,300	7,700	8,500	9,200	9,600	6,400	7,300	8,100	8,700
85	7,600	8,200	8,700	9,100	6,700	7,400	8,000	8,400	5,300	6,200	6,900	7,500
90	6,700	7,200	7,600	7,900	5,700	6,400	6,900	7,300	4,400	5,200	5,800	6,300
95	5,900	6,300	6,700	6,900	4,900	5,500	6,000	6,300	3,600	4,300	4,900	5,400
100	5,100	5,500	5,900	6,100	4,200	4,700	5,100	5,400	2,800	3,500	4,100	4,500
105	4,500	4,800	5,100	5,300	3,500	4,000	4,400	4,700	2,200	2,800	3,300	3,700
110	3,900	4,200	4,400	4,500	2,900	3,400	3,700	3,900	1,600	2,200	2,700	3,000
115	3,300	3,600	3,800		2,400	2,800	3,100	3,300	1,100	1,600	2,100	2,400
120	2,900	3,100	3,300		1,900	2,300	2,600	2,700		1,100	1,500	1,800
125	2,400	2,600	2,700		1,500	1,800	2,100	2,200			1,000	1,300
130	2,000	2,200			1,100	1,400	1,600	1,700				
135	1,700	1,800				1,000	1,200					
Min Angle	0.0	0.0	0.0	0.0	38.5	39.0	39.0	39.0	55.0	55.0	55.5	55.5
Max Rad.	139.2	138.8	136.7	132.9	133.1	136.9	139.4	139.4	116.5	122.8	126.2	128.9
Capacity	1,500	1,500	1,500	1,600	0	0	0	0	0	0	0	0

1031070

Not for crane operations

Rated Lifting Capacities In Pounds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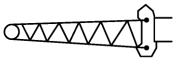
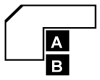

35ft Offset Fly



8,000 lbs

Radius (ft)	Boom Length (ft) / Fly Offset 38.3 0°	38.3 15°	38.3 30°	38.3 45°	50.0 0°	50.0 15°	50.0 30°	50.0 45°	74.3 0°	74.3 15°	74.3 30°	74.3 45°
10	28,700											
12	26,800				27,600							
15	24,400				25,500							
20	21,100	16,900			22,600	17,400			23,400			
25	18,600	15,300	13,000		20,200	16,000			21,700	16,900		
30	16,700	14,000	12,100	10,800	18,200	14,800	12,500		20,200	15,900		
35	15,000	12,900	11,400	10,300	16,700	13,800	11,800	10,500	18,800	15,000	12,500	
40	13,600	12,000	10,800	9,900	15,300	12,900	11,300	10,200	17,500	14,200	12,000	10,500
45	12,500	11,200	10,200	9,600	14,100	12,100	10,700	9,900	16,500	13,500	11,500	10,300
50	11,500	10,500	9,700	9,200	13,000	11,400	10,300	9,600	15,500	12,800	11,100	10,000
55	10,700	9,900	9,300	8,900	12,100	10,800	9,900	9,300	14,600	12,200	10,700	9,800
60	9,900	9,300	8,900		11,400	10,300	9,500	9,000	13,700	11,700	10,400	9,600
65	9,200	8,900			10,700	9,800	9,100	8,900	13,000	11,200	10,100	9,300
70					10,000	9,300	8,900		11,700	10,800	9,800	9,100
75					9,300	8,900			10,300	10,400	9,500	9,000
80									9,000	9,500	9,200	8,900
85									7,900	8,300	8,600	
90									7,000	7,300	7,500	
95									6,100	6,400		
100									5,400	5,500		
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	66.4	66.3	65.0	62.5	78.0	77.9	76.4	73.5	102.4	102.1	100.2	96.9
Capacity	9,000	8,900	8,900	8,900	9,000	8,900	8,900	8,900	5,200	5,200	5,400	5,800

1031080

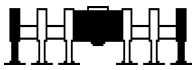
For sales use only

Radius (ft)	Boom Length (ft) / Fly Offset 99.5 0°	99.5 15°	99.5 30°	99.5 45°	125.5 0°	125.5 15°	125.5 30°	125.5 45°	152.4 0°	152.4 15°	152.4 30°	152.4 45°
25	21,100											
30	20,300				17,300							
35	19,400	15,500			17,300							
40	18,500	14,800	12,400		17,300	15,000			13,800			
45	17,600	14,200	12,000	10,500	17,300	14,500			13,800			
50	16,900	13,700	11,600	10,300	17,000	14,100	11,900		13,800	14,000		
55	16,100	13,200	11,300	10,100	16,400	13,700	11,600	10,300	13,800	13,700	11,800	
60	15,100	12,700	11,000	9,900	14,000	13,300	11,400	10,100	12,500	13,400	11,600	
65	13,000	12,300	10,700	9,800	11,900	12,900	11,100	10,000	10,400	11,700	11,400	10,200
70	11,200	11,900	10,500	9,500	10,100	11,100	10,900	9,900	8,700	9,800	10,800	10,000
75	9,700	10,400	10,200	9,300	8,700	9,500	10,300	9,700	7,300	8,300	9,200	9,900
80	8,500	9,100	9,600	9,200	7,400	8,200	8,900	9,400	6,000	7,000	7,800	8,400
85	7,400	7,900	8,400	8,700	6,400	7,100	7,700	8,100	5,000	5,800	6,600	7,200
90	6,400	6,900	7,300	7,600	5,400	6,100	6,600	7,000	4,100	4,800	5,500	6,000
95	5,600	6,000	6,400	6,600	4,600	5,200	5,700	6,000	3,200	4,000	4,600	5,000
100	4,900	5,200	5,500	5,700	3,900	4,400	4,800	5,100	2,500	3,200	3,700	4,200
105	4,200	4,500	4,800		3,200	3,700	4,100	4,300	1,900	2,500	3,000	3,400
110	3,600	3,900	4,100		2,600	3,100	3,400	3,600	1,300	1,900	2,300	2,700
115	3,100	3,300	3,400		2,100	2,500	2,800	2,900		1,300	1,700	2,000
120	2,600	2,800			1,600	2,000	2,200	2,300			1,200	1,400
125	2,200	2,300			1,200	1,500	1,700					
130						1,100	1,300					
Min Angle	0.0	0.0	0.0	0.0	34.5	34.5	35.0	34.5	53.5	53.5	53.5	53.5
Max Rad.	127.5	127.2	125.1	121.4	129.4	133.1	134.5	134.5	113.1	119.3	122.6	125.0
Capacity	2,100	2,100	2,200	2,300	0	0	0	0	0	0	0	0

1031080

Not for crane operations

Rated Lifting Capacities In Pounds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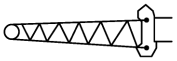
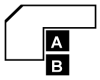

35ft Offset Fly



8,000 lbs

Radius (ft)	Boom Length (ft) / Fly Offset 38.3 0°	38.3 15°	38.3 30°	38.3 45°	50.0 0°	50.0 15°	50.0 30°	50.0 45°	62.1 0°	62.1 15°	62.1 30°	62.1 45°
10	28,700											
12	26,800				27,600							
15	24,400				25,500				26,000			
20	21,100	16,900			22,600	17,400			23,500			
25	18,600	15,300	13,000		20,200	16,000			21,400	16,600		
30	16,700	14,000	12,100	10,800	18,200	14,800	12,500		19,500	15,500	12,800	
35	15,000	12,900	11,400	10,300	16,700	13,800	11,800	10,500	17,900	14,500	12,200	10,700
40	13,600	12,000	10,800	9,900	15,300	12,900	11,300	10,200	16,700	13,600	11,700	10,400
45	12,500	11,200	10,200	9,600	14,100	12,100	10,700	9,900	15,500	12,900	11,200	10,100
50	11,500	10,500	9,700	9,200	13,000	11,400	10,300	9,600	14,400	12,200	10,700	9,800
55	10,700	9,900	9,300	8,900	12,100	10,800	9,900	9,300	13,500	11,600	10,400	9,600
60	9,900	9,300	8,900		11,400	10,300	9,500	9,000	12,600	11,100	10,000	9,300
65	9,200	8,900			10,700	9,800	9,100	8,900	11,900	10,600	9,700	9,100
70					10,000	9,300	8,900		11,200	10,200	9,300	8,900
75					9,300	8,900			10,200	9,700	9,100	
80									9,000	9,300	8,900	
85									7,900	8,100		
90									7,000			
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	66.4	66.3	65.0	62.5	78.0	77.9	76.4	73.5	90.2	90.0	88.3	85.1
Capacity	9,000	8,900	8,900	8,900	9,000	8,900	8,900	8,900	7,000	7,000	7,400	7,800

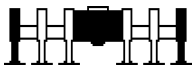
1031090

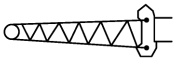
Radius (ft)	Boom Length (ft) / Fly Offset 87.3 0°	87.3 15°	87.3 30°	87.3 45°	113.4 0°	113.4 15°	113.4 30°	113.4 45°	140.3 0°	140.3 15°	140.3 30°	140.3 45°
20	23,700											
25	22,300				20,900							
30	20,900	16,300			20,800							
35	19,700	15,500	12,700		19,900	15,800			17,300			
40	18,500	14,700	12,200		19,100	15,200			17,300			
45	17,400	14,000	11,800	10,400	18,300	14,700	12,200		17,300	14,800		
50	16,600	13,400	11,400	10,200	17,600	14,100	11,900	10,400	17,300	14,400	12,100	
55	15,600	12,800	11,100	10,000	16,200	13,600	11,600	10,200	14,800	14,000	11,900	
60	14,800	12,300	10,700	9,800	13,800	13,200	11,300	10,000	12,200	13,600	11,600	10,200
65	12,900	11,900	10,500	9,600	11,700	12,800	11,000	9,900	10,200	11,400	11,400	10,100
70	11,100	11,400	10,200	9,400	10,000	10,900	10,700	9,800	8,500	9,600	10,600	10,000
75	9,600	10,300	9,900	9,200	8,500	9,400	10,100	9,600	7,000	8,100	9,000	9,700
80	8,400	9,000	9,400	9,000	7,300	8,000	8,700	9,200	5,800	6,700	7,600	8,200
85	7,300	7,800	8,200	8,500	6,200	6,900	7,500	7,900	4,700	5,600	6,300	6,900
90	6,300	6,800	7,100	7,300	5,300	5,900	6,400	6,700	3,800	4,600	5,300	5,800
95	5,500	5,900	6,200		4,400	5,000	5,400	5,700	3,000	3,700	4,300	4,800
100	4,800	5,100	5,300		3,700	4,200	4,600	4,900	2,300	3,000	3,500	3,900
105	4,100	4,400	4,500		3,100	3,500	3,900	4,000	1,700	2,300	2,800	3,100
110	3,600	3,700			2,500	2,900	3,200	3,300	1,100	1,700	2,100	2,400
115	3,100				2,000	2,300	2,600			1,100	1,500	1,700
120					1,500	1,800	2,000					1,100
125					1,100	1,300	1,500					
130						900						
Min Angle	0.0	0.0	0.0	0.0	26.5	27.0	26.5	27.0	50.5	50.0	51.0	50.5
Max Rad.	115.4	115.1	113.1	109.6	127.9	130.6	131.5	130.0	111.1	117.0	120.0	122.2
Capacity	3,100	3,100	3,200	3,400	0	0	0	0	0	0	0	0

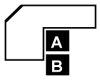
1031090

Not for crane operations

Rated Lifting Capacities In Pounds


Full


58ft Offset Fly



8,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	38.3				61.7				86.0			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
15	16,600											
20	14,700				14,300							
25	13,000				13,400				12,400			
30	11,600	9,600			12,500				11,900			
35	10,500	8,800			11,700	9,400			11,500			
40	9,500	8,200	7,200		10,900	8,800			11,000	9,100		
45	8,700	7,600	6,700		10,100	8,300			10,600	8,700		
50	8,100	7,100	6,300	5,700	9,400	7,900	6,700		10,100	8,300		
55	7,500	6,700	6,000	5,500	8,800	7,400	6,400		9,700	7,900	6,700	
60	6,900	6,300	5,700	5,200	8,300	7,100	6,100	5,500	9,200	7,600	6,400	
65	6,500	5,900	5,400	5,100	7,800	6,700	5,900	5,300	8,800	7,300	6,200	5,500
70	6,000	5,600	5,200	4,900	7,300	6,400	5,700	5,200	8,300	7,000	6,000	5,400
75	5,700	5,300	5,000	4,800	6,900	6,100	5,500	5,100	8,000	6,700	5,800	5,200
80	5,300	5,100	4,900	4,800	6,600	5,800	5,300	5,000	7,600	6,500	5,700	5,100
85	5,000	4,900	4,800		6,200	5,600	5,200	4,900	7,200	6,200	5,500	5,000
90					5,900	5,400	5,000	4,800	6,900	6,000	5,400	5,000
95					5,600	5,200	4,900	4,800	6,600	5,800	5,200	4,900
100					5,400	5,000	4,800		6,300	5,600	5,100	4,800
105					5,100	4,900	4,700		5,700	5,500	5,000	4,800
110					4,900	4,800			5,100	5,300	4,900	4,700
115									4,600	5,000	4,800	4,700
120									4,100	4,400	4,700	
125									3,700	3,900	4,100	
130									3,300	3,500		
135									2,900	3,000		

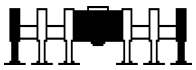
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	89.4	89.2	87.3	84.0	112.7	112.3	109.8	105.3	137.0	136.4	133.5	128.2
Capacity	4,800	4,900	4,800	4,800	4,800	4,800	4,700	4,800	2,800	2,900	3,000	3,400

1031100

For sales use

Not for crane operations

Rated Lifting Capacities In Pounds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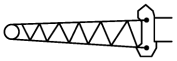
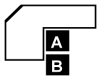

58ft Offset Fly



8,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	111.2				137.2				164.1			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
30	10,100											
35	10,100											
40	10,100				8,600							
45	10,100				8,600							
50	10,000	8,500			8,600				7,500			
55	9,700	8,200			8,600	8,200			7,500			
60	9,500	7,900			8,600	8,000			7,500			
65	9,200	7,600	6,400		8,600	7,800			7,500	7,800		
70	8,900	7,400	6,300	5,500	8,600	7,600	6,400		7,500	7,600		
75	8,600	7,100	6,100	5,400	8,600	7,400	6,300		7,500	7,500		
80	8,300	6,900	5,900	5,300	8,400	7,200	6,100	5,400	7,000	7,300	6,300	
85	8,000	6,700	5,800	5,200	7,300	7,000	6,000	5,300	5,900	7,200	6,100	
90	7,400	6,500	5,700	5,100	6,300	6,800	5,900	5,200	5,000	6,300	6,000	5,300
95	6,500	6,300	5,500	5,000	5,500	6,500	5,700	5,100	4,200	5,300	5,900	5,200
100	5,800	6,100	5,400	5,000	4,700	5,600	5,600	5,100	3,400	4,500	5,500	5,200
105	5,100	5,800	5,300	4,900	4,100	4,900	5,500	5,000	2,800	3,800	4,700	5,100
110	4,500	5,100	5,200	4,900	3,500	4,200	4,900	5,000	2,200	3,100	4,000	4,600
115	3,900	4,500	5,000	4,800	2,900	3,700	4,300	4,700	1,700	2,500	3,300	3,900
120	3,400	3,900	4,400	4,600	2,500	3,100	3,700	4,100	1,200	2,000	2,700	3,300
125	3,000	3,500	3,800	4,000	2,000	2,600	3,100	3,500		1,500	2,200	2,700
130	2,600	3,000	3,300	3,500	1,600	2,200	2,600	3,000		1,100	1,700	2,100
135	2,200	2,600	2,800	3,000	1,200	1,800	2,200	2,500			1,200	1,600
140	1,900	2,200	2,400		900	1,400	1,800	2,000				1,200
145	1,600	1,800	2,000			1,000	1,400	1,500				
150	1,300	1,500	1,600				1,000	1,100				
155	1,000	1,200										

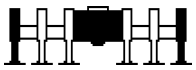
Min Angle	14.0	15.5	24.0	0.0	43.5	44.5	45.5	45.5	58.0	58.5	58.5	59.0
Max Rad.	158.8	160.0	155.0	152.4	140.8	147.5	151.9	153.1	122.9	132.4	139.4	143.5
Capacity	0	0	0	900	0	0	0	0	0	0	0	0

1031100

For sale/lease only

Not for crane operations

Rated Lifting Capacities In Pounds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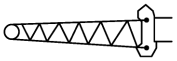
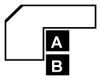

58ft Offset Fly



8,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	38.3				50.0				74.3			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
15	16,600				16,300							
20	14,700				14,900							
25	13,000				13,600				13,500			
30	11,600	9,600			12,400	9,900			12,700			
35	10,500	8,800			11,300	9,200			12,000			
40	9,500	8,200	7,200		10,300	8,600			11,400	9,100		
45	8,700	7,600	6,700		9,500	8,000	6,900		10,700	8,600		
50	8,100	7,100	6,300	5,700	8,800	7,600	6,600		10,100	8,200	6,900	
55	7,500	6,700	6,000	5,500	8,200	7,100	6,200	5,600	9,500	7,800	6,600	
60	6,900	6,300	5,700	5,200	7,700	6,700	5,900	5,400	8,900	7,400	6,300	5,600
65	6,500	5,900	5,400	5,100	7,200	6,300	5,700	5,200	8,400	7,100	6,100	5,400
70	6,000	5,600	5,200	4,900	6,700	6,000	5,500	5,100	8,000	6,800	5,900	5,300
75	5,700	5,300	5,000	4,800	6,300	5,700	5,300	4,900	7,500	6,500	5,700	5,200
80	5,300	5,100	4,900	4,800	6,000	5,500	5,100	4,900	7,200	6,200	5,500	5,100
85	5,000	4,900	4,800		5,600	5,300	5,000	4,800	6,800	6,000	5,300	5,000
90					5,300	5,100	4,800		6,500	5,700	5,200	4,900
95					5,100	4,900	4,700		6,200	5,500	5,100	4,800
100					4,900	4,800			5,900	5,300	5,000	4,800
105									5,600	5,200	4,900	4,800
110									5,000	5,000	4,800	
115									4,500	4,800	4,700	
120									4,000	4,200		
125									3,600			

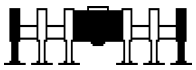
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	89.4	89.2	87.3	84.0	101.0	100.7	98.5	94.5	125.4	124.8	122.0	117.1
Capacity	4,800	4,900	4,800	4,800	4,800	4,800	4,700	4,800	3,600	3,700	3,900	4,300

1031110

For sales us

Not for crane operations

Rated Lifting Capacities In Pounds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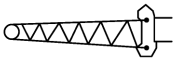
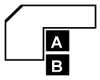

58ft Offset Fly



8,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	99.5				125.5				152.4			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
30	12,300											
35	11,800				10,800							
40	11,400				10,800							
45	11,000	8,900			10,700				9,200			
50	10,600	8,600			10,500	8,700			9,200			
55	10,200	8,200	6,800		10,200	8,400			9,200			
60	9,800	7,900	6,600		9,900	8,200			9,200	8,300		
65	9,300	7,600	6,400	5,600	9,600	7,900	6,600		9,200	8,100		
70	8,900	7,300	6,200	5,400	9,400	7,700	6,400		9,200	7,900		
75	8,500	7,000	6,000	5,300	9,100	7,400	6,200	5,400	8,000	7,600	6,400	
80	8,100	6,800	5,800	5,200	8,200	7,200	6,100	5,300	6,800	7,500	6,300	5,400
85	7,800	6,500	5,700	5,100	7,100	7,000	5,900	5,300	5,700	7,100	6,100	5,400
90	7,200	6,300	5,500	5,000	6,100	6,800	5,800	5,200	4,800	6,000	6,000	5,300
95	6,400	6,100	5,400	5,000	5,300	6,300	5,700	5,100	3,900	5,100	5,900	5,200
100	5,600	5,900	5,300	4,900	4,600	5,500	5,600	5,000	3,200	4,300	5,300	5,100
105	4,900	5,600	5,200	4,900	3,900	4,700	5,400	5,000	2,600	3,600	4,500	5,100
110	4,300	4,900	5,100	4,800	3,300	4,100	4,700	4,900	2,000	2,900	3,800	4,400
115	3,800	4,300	4,800	4,800	2,800	3,500	4,100	4,500	1,400	2,300	3,100	3,700
120	3,300	3,800	4,200	4,400	2,300	2,900	3,500	3,900	1,000	1,800	2,500	3,000
125	2,900	3,300	3,600	3,700	1,800	2,400	2,900	3,300		1,300	2,000	2,400
130	2,500	2,800	3,100		1,400	2,000	2,400	2,700			1,500	1,900
135	2,100	2,400	2,600		1,100	1,600	2,000	2,200			1,000	1,400
140	1,800	2,000	2,100			1,200	1,500	1,700				900
145	1,500	1,600					1,100	1,200				
150	1,200											

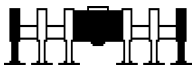
Min Angle	0.0	0.0	0.0	0.0	40.5	41.5	42.0	41.5	56.0	56.5	57.0	56.5
Max Rad.	150.5	149.8	146.7	141.1	138.1	144.4	148.1	149.4	120.5	129.5	136.5	140.6
Capacity	1,200	1,200	1,300	1,500	0	0	0	0	0	0	0	0

1031110

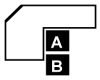
For sale on Scout

Not for crane operations

Rated Lifting Capacities In Pounds


Full

58ft Offset Fly



8,000 lbs

Radius (ft)	Boom Length (ft) / Fly Offset 38.3 0°	38.3 15°	38.3 30°	38.3 45°	50.0 0°	50.0 15°	50.0 30°	50.0 45°	62.1 0°	62.1 15°	62.1 30°	62.1 45°
15	16,600				16,300							
20	14,700				14,900				14,800			
25	13,000				13,600				13,800			
30	11,600	9,600			12,400	9,900			12,800			
35	10,500	8,800			11,300	9,200			11,900	9,500		
40	9,500	8,200	7,200		10,300	8,600			11,000	8,900		
45	8,700	7,600	6,700		9,500	8,000	6,900		10,200	8,400	7,100	
50	8,100	7,100	6,300	5,700	8,800	7,600	6,600		9,500	7,900	6,700	
55	7,500	6,700	6,000	5,500	8,200	7,100	6,200	5,600	8,900	7,500	6,400	5,700
60	6,900	6,300	5,700	5,200	7,700	6,700	5,900	5,400	8,400	7,100	6,200	5,500
65	6,500	5,900	5,400	5,100	7,200	6,300	5,700	5,200	7,900	6,700	5,900	5,300
70	6,000	5,600	5,200	4,900	6,700	6,000	5,500	5,100	7,400	6,400	5,700	5,200
75	5,700	5,300	5,000	4,800	6,300	5,700	5,300	4,900	7,000	6,100	5,500	5,100
80	5,300	5,100	4,900	4,800	6,000	5,500	5,100	4,900	6,600	5,900	5,300	5,000
85	5,000	4,900	4,800		5,600	5,300	5,000	4,800	6,200	5,600	5,200	4,900
90					5,300	5,100	4,800		5,900	5,400	5,000	4,800
95					5,100	4,900	4,700		5,600	5,200	4,900	4,800
100					4,900	4,800			5,400	5,100	4,800	
105									5,100	4,900	4,700	
110									4,900	4,800		
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	89.4	89.2	87.3	84.0	101.0	100.7	98.5	94.5	113.2	112.7	110.2	105.7
Capacity	4,800	4,900	4,800	4,800	4,800	4,800	4,700	4,800	4,800	4,800	4,700	4,800

1031120

For sales us

Radius (ft)	Boom Length (ft) / Fly Offset 87.3 0°	87.3 15°	87.3 30°	87.3 45°	113.4 0°	113.4 15°	113.4 30°	113.4 45°	140.3 0°	140.3 15°	140.3 30°	140.3 45°
25	13,600											
30	12,900				12,500							
35	12,300				12,100							
40	11,700	9,400			11,700				11,000			
45	11,200	8,900			11,300	9,200			11,000			
50	10,600	8,500			10,900	8,800			10,800			
55	10,100	8,100	6,700		10,500	8,500			10,500	8,700		
60	9,500	7,700	6,500		10,200	8,100	6,700		10,300	8,400		
65	9,000	7,400	6,300	5,500	9,800	7,900	6,500		10,000	8,100		
70	8,600	7,100	6,100	5,400	9,400	7,600	6,300	5,500	9,400	7,900	6,500	
75	8,100	6,800	5,900	5,200	9,000	7,300	6,200	5,400	7,900	7,700	6,400	
80	7,700	6,500	5,700	5,100	8,100	7,100	6,000	5,300	6,700	7,400	6,200	5,400
85	7,400	6,300	5,500	5,000	7,100	6,800	5,800	5,200	5,600	7,000	6,100	5,300
90	7,000	6,100	5,400	5,000	6,100	6,600	5,700	5,100	4,600	5,900	5,900	5,200
95	6,400	5,900	5,300	4,900	5,300	6,200	5,600	5,000	3,800	5,000	5,800	5,200
100	5,700	5,700	5,100	4,800	4,500	5,400	5,400	5,000	3,100	4,200	5,200	5,100
105	5,000	5,500	5,000	4,800	3,900	4,700	5,300	4,900	2,400	3,500	4,300	5,000
110	4,400	4,900	4,900	4,800	3,300	4,000	4,600	4,900	1,900	2,800	3,600	4,300
115	3,900	4,300	4,700	4,700	2,700	3,400	4,000	4,400	1,300	2,200	3,000	3,500
120	3,400	3,800	4,000		2,300	2,900	3,400	3,700		1,700	2,400	2,900
125	2,900	3,200	3,400		1,800	2,400	2,800	3,100		1,200	1,800	2,300
130	2,500	2,800			1,400	1,900	2,300	2,500			1,300	1,700
135	2,200	2,300			1,000	1,500	1,800	2,000				1,200
140						1,100	1,400					
145							900					
Min Angle	0.0	0.0	0.0	0.0	34.5	35.5	36.0	36.5	53.5	54.0	54.0	54.0
Max Rad.	138.4	137.7	134.8	129.5	137.5	143.1	145.6	145.0	118.7	127.8	134.5	138.5
Capacity	2,000	2,000	2,200	2,400	0	0	0	0	0	0	0	0

1031120

lot for crane operators

Rated Lifting Capacities In Pounds

Full

12,000 lbs

	Boom Length (ft)										
	Extend Mode										
Radius (ft)	38.3	50.0	50.5	60.0	61.7	62.1	63.0	73.8	74.3	74.7	75.0
	ALL	EM1,2,3,4,5	EM6	EM2	EM1, EM4	EM3, EM5	EM6	EM4	EM2	EM5	EM1
10	162,200	86,000	160,300	90,200	58,400	90,400	137,600				
12	143,600	80,400	146,200	85,000	54,200	85,400	137,600	55,600	59,800	88,300	55,500
15	113,600	73,000	116,400	78,200	49,000	78,700	117,200	50,900	54,200	82,400	50,900
20	82,600	63,600	85,500	68,900	42,000	69,700	86,500	44,700	46,800	74,100	44,800
25	60,700	56,300	64,600	61,800	36,700	62,600	65,700	39,800	41,000	67,400	40,000
30	42,400	47,100	46,300	48,500	32,700	48,800	47,400	35,800	36,400	49,200	36,000
35		35,700	35,000	37,300	29,400	37,500	36,200	32,500	32,800	37,900	32,700
40		28,000	27,400	29,700	26,700	29,900	28,700	29,800	29,700	30,300	29,900
45				24,100	24,400	24,300	23,200	25,900	25,400	24,900	25,900
50				19,900	20,600	20,100	19,000	21,700	21,300	20,700	21,700
55						16,800	15,700	18,300	17,900	17,400	18,400
60								15,700	15,300	14,800	15,800
65								13,500	13,200	12,600	13,600
Unpinned			106,000				106,400				
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	31.3	43.0	43.5	53.0	54.7	55.1	56.0	66.8	67.3	67.7	68.0
Capacity	33,100	24,400	23,400	17,800	17,500	16,700	15,100	12,800	12,300	11,500	12,500

1040010

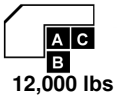
	Boom Length (ft)										
	Extend Mode										
Radius (ft)	75.0	76.1	85.0	86.0	86.4	87.3	87.8	89.5	99.4	99.5	100.0
	EM3	EM6	EM2	EM1	EM4	EM3	EM5	EM6	EM4	EM2	EM1
12	88,300	120,400									
15	82,400	116,700	55,500	45,500	52,800	64,900	82,000	91,500			
20	74,100	86,300	48,600	39,600	47,000	56,200	77,000	85,300	48,600	47,500	41,100
25	67,400	65,500	43,200	34,900	42,400	49,500	67,200	64,300	44,400	42,200	36,900
30	49,200	47,200	38,800	31,100	38,600	44,000	48,700	46,200	40,800	37,800	33,100
35	37,900	36,000	35,200	28,000	35,400	38,200	37,500	35,000	37,700	34,000	30,200
40	30,300	28,500	31,100	25,400	31,500	30,600	29,900	27,600	31,000	31,000	27,600
45	24,900	23,100	25,600	23,200	26,000	25,100	24,500	22,300	25,500	25,700	25,400
50	20,700	19,000	21,400	21,300	21,800	21,000	20,300	18,200	21,300	21,600	22,300
55	17,400	15,800	18,200	19,000	18,600	17,700	17,100	15,100	18,100	18,300	19,000
60	14,800	13,200	15,600	16,400	15,900	15,200	14,600	12,500	15,600	15,800	16,400
65	12,600	11,000	13,400	14,300	13,800	13,000	12,400	10,300	13,400	13,600	14,300
70			11,600	12,400	11,900	11,100	10,500	8,500	11,500	11,700	12,500
75			10,000	10,800	10,300	9,500	8,900	7,000	10,000	10,200	10,900
80						8,200	7,600	5,600	8,600	8,800	9,500
85									7,400	7,700	8,400
90									6,400	6,600	7,300
Unpinned		106,300						91,500			
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	68.0	69.1	78.0	79.0	79.4	80.3	80.8	82.5	92.4	92.5	93.0
Capacity	11,400	9,400	9,100	9,700	9,100	8,100	7,400	5,000	6,000	6,200	6,800

1040010

Not for crane operations

Rated Lifting Capacities In Pounds

Full



12,000 lbs

Radius (ft)	Boom Length (ft) Extend Mode									
	100.0		110.0	111.2	113.4	114.6	115.0	125.0		125.5
	EM3	EM5	EM2	EM1	EM3	EM5	EM4	EM1	EM3	EM2
20	58,300	65,800	43,400	36,400	45,300	50,400	43,900			
25	52,000	65,800	43,400	36,400	45,300	50,400	43,900	29,900	38,700	33,300
30	46,800	47,600	39,500	33,700	44,200	46,800	42,300	29,900	38,700	33,300
35	37,700	36,500	35,900	31,000	37,400	35,600	37,300	29,900	36,600	33,300
40	30,200	29,000	30,900	28,500	29,900	28,200	29,800	29,800	29,200	30,500
45	24,700	23,600	25,400	26,200	24,400	22,800	24,400	26,000	23,700	25,000
50	20,600	19,500	21,200	22,300	20,300	18,700	20,200	21,800	19,600	20,800
55	17,400	16,300	18,000	19,000	17,100	15,700	17,000	18,600	16,500	17,600
60	14,900	13,800	15,500	16,400	14,600	13,000	14,500	15,900	14,000	15,100
65	12,700	11,600	13,300	14,300	12,400	10,800	12,300	13,900	11,800	12,900
70	10,800	9,800	11,400	12,500	10,500	9,000	10,500	12,000	9,900	11,100
75	9,300	8,200	9,900	10,900	9,000	7,500	9,000	10,500	8,400	9,500
80	8,000	6,900	8,600	9,600	7,700	6,200	7,700	9,100	7,100	8,200
85	6,800	5,800	7,400	8,400	6,600	5,100	6,500	8,000	6,000	7,100
90	5,800	4,800	6,400	7,400	5,600	4,200	5,500	7,000	5,000	6,100
95			5,500	6,500	4,700	3,300	4,600	6,100	4,200	5,200
100			4,700	5,700	3,900	2,500	3,900	5,300	3,400	4,400
105					3,200	1,800	3,200	4,600	2,700	3,700
110								4,000	2,100	3,100
115								3,400	1,500	2,500
Unpinned										
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	93.0	93.0	103.0	104.2	106.4	107.6	108.0	118.0	118.0	118.5
Capacity	5,200	4,200	4,300	5,100	3,000	1,500	2,800	3,100	1,200	2,200

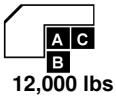
1040010

For sales use only

Not for crane operations

Rated Lifting Capacities In Pounds

Full



12,000 lbs

Radius (ft)	Boom Length (ft) Extend Mode						
	126.3 EM4	137.2 EM1	140.0 EM2	140.3 EM3	150.0 EM1	152.4 EM2	164.1 EM1
25	37,700	25,400					
30	37,700	25,400	28,300	30,800	22,500	24,400	
35	36,600	25,400	28,300	30,800	22,500	24,400	19,600
40	29,200	25,400	28,300	28,400	22,500	24,400	19,600
45	23,700	25,400	24,100	23,000	22,500	23,600	19,600
50	19,600	21,500	20,000	19,000	20,800	19,500	19,600
55	16,400	18,200	16,800	15,800	17,500	16,300	16,900
60	13,900	15,800	14,400	13,300	15,100	13,800	14,400
65	11,700	13,500	12,200	11,100	12,900	11,600	12,200
70	9,900	11,700	10,300	9,300	11,000	9,800	10,400
75	8,400	10,100	8,800	7,800	9,500	8,300	8,900
80	7,100	8,800	7,500	6,500	8,200	7,000	7,600
85	6,000	7,700	6,400	5,400	7,000	5,900	6,400
90	5,000	6,700	5,400	4,400	6,000	4,900	5,500
95	4,100	5,800	4,500	3,500	5,200	4,000	4,600
100	3,400	5,000	3,700	2,800	4,400	3,300	3,800
105	2,700	4,300	3,100	2,100	3,700	2,600	3,100
110	2,000	3,700	2,500	1,500	3,100	2,000	2,500
115	1,500	3,100	1,900		2,500	1,400	2,000
120		2,600	1,400		2,000		1,500
125		2,100			1,600		1,000
130		1,700			1,100		

Unpinned							

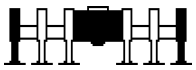
Min Angle	0.0	0.0	23.0	33.5	23.5	37.0	39.0
Max Rad.	119.3	130.2	124.7	114.1	133.1	119.5	125.8
Capacity	1,000	1,700	0	0	0	0	0

1040010

For sales use only

Not for crane operations

Rated Lifting Capacities In Pounds


Full

10ft Offset Fly
0°- 45° Offset

12,000 lbs

Radius (ft)	Boom Length (ft) Extend Mode										
	38.3	50.0	50.5	60.0	61.7	62.1	63.0	73.8	74.3	74.7	75.0
	ALL	EM1,2,3,4,5	EM6	EM2	EM1, EM4	EM3, EM5	EM6	EM4	EM2	EM5	EM1
10	42,100	42,900	42,900	47,700	47,700	47,700	47,700				
12	41,100	42,100	42,100	42,600	38,900	42,600	42,800	46,400	47,600	47,600	47,600
15	39,400	40,900	40,900	41,500	35,400	41,600	41,700	36,400	41,800	42,000	42,300
20	36,400	38,400	38,600	39,700	31,200	39,900	40,200	32,500	38,700	40,700	32,600
25	34,400	34,400	36,300	36,900	27,500	37,300	38,000	29,100	34,400	38,800	29,200
30	33,400	31,600	34,400	34,100	24,600	34,400	36,200	26,300	30,600	36,500	26,400
35	32,500	29,000	34,000	31,400	22,200	31,800	34,600	24,000	27,600	34,200	24,100
40	27,600	26,800	29,000	29,200	20,300	29,600	29,300	22,100	25,000	30,400	22,200
45		24,100	23,600	24,800	18,600	24,900	23,900	20,400	22,900	25,000	20,600
50		20,100	19,600	20,700	17,300	20,800	19,800	19,000	21,100	20,800	19,100
55				17,500	16,300	17,600	16,600	17,800	18,100	17,600	17,900
60				15,000	15,300	15,100	14,100	15,900	15,600	15,100	15,900
65						13,000	11,900	13,800	13,400	12,900	13,800
70								12,000	11,600	11,100	12,000
75								10,400	10,100	9,600	10,500
Unpinned			42,900				47,700				
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	41.4	53.1	53.5	63.1	64.7	65.2	66.1	76.9	77.4	77.8	78.1
Capacity	26,100	18,200	17,400	13,700	13,600	12,900	11,600	10,000	9,500	8,900	9,700

1041010

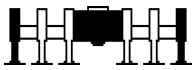
Radius (ft)	Boom Length (ft) Extend Mode										
	75.0	76.1	85.0	86.0	86.4	87.3	87.8	89.5	99.4	99.5	100.0
	EM3	EM6	EM2	EM1	EM4	EM3	EM5	EM6	EM4	EM2	EM1
12	47,600	47,600									
15	42,000	42,200	46,100	41,700	40,200	46,300	46,600	47,200			
20	40,700	40,900	39,600	32,700	33,700	40,800	41,000	41,300	34,500	38,500	32,800
25	38,800	39,200	35,300	29,700	30,500	39,300	39,600	40,100	31,600	35,600	30,300
30	36,500	37,500	32,000	27,000	27,800	37,800	38,100	38,500	29,100	32,400	28,000
35	34,200	36,000	29,000	24,300	25,600	34,900	35,900	35,000	27,000	29,800	25,700
40	30,400	28,800	26,600	22,000	23,700	30,500	29,800	27,700	25,100	27,600	23,600
45	25,000	23,400	24,500	20,100	22,100	25,000	24,400	22,300	23,500	25,400	21,700
50	20,800	19,300	21,300	18,500	20,600	20,800	20,300	18,300	21,000	21,200	20,100
55	17,600	16,100	18,100	17,200	18,400	17,600	17,000	15,200	17,800	18,000	18,700
60	15,100	13,600	15,600	16,000	15,800	15,100	14,600	12,600	15,300	15,500	16,000
65	12,900	11,400	13,400	14,100	13,700	12,900	12,400	10,500	13,100	13,300	14,000
70	11,100	9,600	11,500	12,300	11,800	11,100	10,600	8,700	11,300	11,500	12,100
75	9,600	8,100	10,000	10,700	10,300	9,600	9,000	7,200	9,700	9,900	10,600
80			8,700	9,400	9,000	8,300	7,700	5,900	8,400	8,600	9,200
85			7,600	8,300	7,800	7,100	6,600	4,800	7,300	7,500	8,100
90						6,200	5,700	3,900	6,300	6,500	7,100
95									5,400	5,600	6,200
100									4,700	4,900	5,500
Unpinned		47,600						47,200			
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	78.1	79.1	88.1	89.0	89.5	90.4	90.8	92.6	102.5	102.5	103.1
Capacity	8,800	7,100	7,000	7,500	7,000	6,200	5,600	3,500	4,400	4,600	5,100

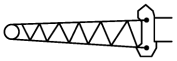
1041010

Sales use only

Not for crane operations

Rated Lifting Capacities In Pounds


Full


10ft Offset Fly
0°- 45° Offset

12,000 lbs

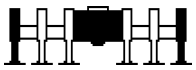
Radius (ft)	Boom Length (ft)									
	Extend Mode									
	100.0		110.0	111.2	113.4	114.6	115.0	125.0		125.5
	EM3	EM5	EM2	EM1	EM3	EM5	EM4	EM1	EM3	EM2
20	40,800	41,100	32,700	27,200	35,500	39,500	32,900			
25	39,500	39,900	32,700	27,200	35,500	39,500	32,400	23,600	30,400	26,600
30	38,200	38,600	32,700	27,200	35,500	38,600	30,100	23,600	30,400	26,600
35	36,700	36,200	30,400	26,300	35,500	35,200	28,100	23,600	30,400	26,600
40	29,900	28,800	28,300	24,300	29,500	27,800	26,300	23,600	28,700	26,600
45	24,400	23,400	25,000	22,500	24,000	22,500	23,900	23,400	23,300	24,400
50	20,300	19,300	20,800	20,900	19,900	18,400	19,800	21,300	19,200	20,300
55	17,100	16,100	17,600	18,500	16,700	15,400	16,600	18,000	16,000	17,100
60	14,700	13,700	15,100	15,900	14,300	12,800	14,200	15,500	13,600	14,700
65	12,500	11,500	12,900	13,900	12,100	10,600	12,000	13,400	11,400	12,500
70	10,600	9,700	11,100	12,000	10,200	8,800	10,200	11,500	9,600	10,600
75	9,100	8,100	9,500	10,500	8,700	7,300	8,600	10,000	8,100	9,100
80	7,800	6,800	8,200	9,100	7,400	6,000	7,300	8,600	6,800	7,800
85	6,700	5,700	7,100	8,000	6,300	4,900	6,200	7,500	5,600	6,600
90	5,700	4,800	6,100	7,000	5,300	4,000	5,200	6,500	4,700	5,700
95	4,800	3,900	5,200	6,100	4,400	3,100	4,400	5,600	3,800	4,800
100	4,100	3,200	4,500	5,400	3,700	2,400	3,600	4,900	3,100	4,000
105			3,800	4,700	3,000	1,700	3,000	4,200	2,400	3,300
110			3,200	4,100	2,400	1,100	2,400	3,600	1,800	2,700
115					1,900		1,800	3,000	1,200	2,200
120								2,500		1,700
125								2,100		1,300
Unpinned										
Min Angle	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	24.0	0.0
Max Rad.	103.1	103.1	113.1	114.2	116.4	111.2	118.1	128.1	118.2	128.6
Capacity	3,700	2,800	2,900	3,600	1,800	0	1,600	1,900	0	1,000

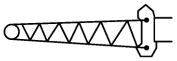
1041010

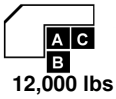
For sales use only

Not for crane operations

Rated Lifting Capacities In Pounds


Full


10ft Offset Fly
0°- 45° Offset



12,000 lbs

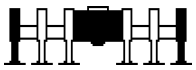
Radius (ft)	Boom Length (ft) Extend Mode						
	126.3 EM4	137.2 EM1	140.0 EM2	140.3 EM3	150.0 EM1	152.4 EM2	164.1 EM1
25	29,000	20,500					
30	29,000	20,500	23,100	25,400	18,500		
35	28,400	20,500	23,100	25,400	18,500	20,400	15,900
40	26,800	20,500	23,100	25,400	18,500	20,400	15,900
45	23,200	20,500	23,100	22,500	18,500	20,400	15,900
50	19,200	20,500	19,500	18,400	18,500	18,800	15,900
55	16,000	17,600	16,300	15,400	16,900	15,700	15,900
60	13,500	15,200	13,800	12,800	14,500	13,300	13,800
65	11,300	13,000	11,700	10,600	12,300	11,100	11,600
70	9,500	11,100	9,800	8,800	10,400	9,300	9,800
75	8,000	9,600	8,300	7,300	8,900	7,700	8,300
80	6,700	8,300	7,000	6,100	7,600	6,500	7,000
85	5,600	7,100	5,900	4,900	6,500	5,300	5,800
90	4,600	6,100	4,900	4,000	5,500	4,400	4,900
95	3,800	5,300	4,000	3,100	4,600	3,500	4,000
100	3,000	4,500	3,300	2,400	3,800	2,800	3,200
105	2,400	3,800	2,600	1,700	3,200	2,100	2,600
110	1,800	3,200	2,000	1,100	2,600	1,500	2,000
115	1,200	2,600	1,500		2,000		1,400
120		2,100	1,000		1,500		
125		1,700			1,100		
130		1,300					
Unpinned							
Min Angle	25.5	18.5	34.0	40.5	35.5	44.0	46.0
Max Rad.	118.0	135.0	120.8	111.3	127.1	115.0	120.0
Capacity	0	0	0	0	0	0	0

1041010

For sales use only

Not for crane operations

Rated Lifting Capacities In Pounds


Full

35ft Offset Fly

12,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	38.3				61.7				86.0			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
10	28,700											
12	26,800											
15	24,400				25,200							
20	21,100	16,900			23,000				21,300			
25	18,600	15,300	13,000		21,000	16,400			20,700			
30	16,700	14,000	12,100	10,800	19,200	15,400	12,800		19,700	15,800		
35	15,000	12,900	11,400	10,300	17,700	14,400	12,200		18,700	15,100		
40	13,600	12,000	10,800	9,900	16,500	13,600	11,600	10,400	17,700	14,400	12,100	
45	12,500	11,200	10,200	9,600	15,300	12,800	11,200	10,100	16,800	13,800	11,700	10,400
50	11,500	10,500	9,700	9,200	14,300	12,200	10,700	9,800	16,000	13,200	11,300	10,100
55	10,700	9,900	9,300	8,900	13,100	11,600	10,400	9,600	15,200	12,700	11,000	9,900
60	9,900	9,300	8,900		12,000	11,000	10,000	9,300	14,400	12,200	10,700	9,800
65	9,200	8,900			11,000	10,500	9,600	9,100	13,300	11,700	10,400	9,500
70					10,200	9,800	9,300	8,900	12,300	11,300	10,100	9,300
75					9,500	9,200	9,000		11,500	10,900	9,800	9,100
80					8,900	8,600	8,500		10,500	10,300	9,500	9,000
85					8,300	8,200			9,300	9,800	9,300	8,900
90									8,300	8,700	8,900	8,800
95									7,400	7,700	7,900	
100									6,600	6,900	7,000	
105									5,900	6,100	6,200	
110									5,300	5,400		

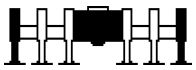
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	66.4	66.3	65.0	62.5	89.7	89.5	87.8	84.7	114.0	113.7	111.8	108.3
Capacity	9,000	8,900	8,900	8,900	7,900	8,000	8,100	8,500	4,900	4,900	5,100	5,400

1041070

For sales use

Not for crane operations

Rated Lifting Capacities In Pounds


Full

35ft Offset Fly

12,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	111.2				137.2				164.1			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
25	16,200											
30	16,200											
35	16,200				13,200							
40	16,200	14,500			13,200				11,100			
45	16,200	14,100	12,000		13,200	13,700			11,100			
50	16,200	13,600	11,700	10,400	13,200	13,600			11,100			
55	15,800	13,200	11,400	10,200	13,200	13,300	11,600		11,100	11,600		
60	15,300	12,800	11,100	10,000	13,200	13,000	11,400	10,200	11,100	11,600		
65	14,700	12,500	10,900	9,900	13,200	12,700	11,200	10,100	11,100	11,600	11,300	
70	12,900	12,100	10,600	9,700	11,900	12,500	11,000	9,900	10,500	11,600	11,100	10,100
75	11,300	11,800	10,400	9,500	10,300	11,100	10,800	9,700	8,900	9,900	10,800	9,900
80	9,900	10,600	10,200	9,300	8,900	9,700	10,400	9,600	7,600	8,500	9,300	9,800
85	8,800	9,300	9,800	9,200	7,800	8,500	9,100	9,400	6,400	7,300	8,000	8,600
90	7,700	8,300	8,700	9,000	6,800	7,400	7,900	8,300	5,400	6,200	6,900	7,400
95	6,800	7,300	7,700	7,900	5,900	6,500	6,900	7,300	4,600	5,300	5,900	6,300
100	6,100	6,500	6,800	7,000	5,100	5,600	6,100	6,400	3,800	4,400	5,000	5,400
105	5,300	5,700	6,000	6,100	4,400	4,900	5,300	5,500	3,100	3,700	4,200	4,600
110	4,700	5,000	5,300	5,400	3,700	4,200	4,600	4,800	2,500	3,000	3,500	3,800
115	4,100	4,400	4,600		3,200	3,600	3,900	4,100	1,900	2,400	2,900	3,200
120	3,600	3,900	4,000		2,700	3,000	3,300	3,500	1,400	1,900	2,300	2,500
125	3,200	3,400	3,500		2,200	2,500	2,800	2,900	900	1,400	1,700	2,000
130	2,700	2,900			1,800	2,100	2,300	2,400		900	1,300	1,500
135	2,400	2,400			1,400	1,700	1,800					1,000
140					1,000	1,300	1,400					
145						900	1,000					

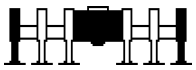
Min Angle	0.0	0.0	0.0	0.0	32.5	33.0	33.5	32.5	51.5	52.5	52.0	52.5
Max Rad.	139.2	138.8	136.7	132.9	142.5	145.8	146.9	146.9	125.6	130.5	134.5	136.5
Capacity	2,100	2,100	2,200	2,300	0	0	0	0	0	0	0	0

1041070

For sale/lease only

Not for crane operations

Rated Lifting Capacities In Pounds


Full

35ft Offset Fly

12,000 lbs

Radius (ft)	Boom Length (ft) / Fly Offset 38.3 0°	38.3 15°	38.3 30°	38.3 45°	50.0 0°	50.0 15°	50.0 30°	50.0 45°	74.3 0°	74.3 15°	74.3 30°	74.3 45°
10	28,700											
12	26,800				27,600							
15	24,400				25,500							
20	21,100	16,900			22,600	17,400			23,400			
25	18,600	15,300	13,000		20,200	16,000			21,700	16,900		
30	16,700	14,000	12,100	10,800	18,200	14,800	12,500		20,200	15,900		
35	15,000	12,900	11,400	10,300	16,700	13,800	11,800	10,500	18,800	15,000	12,500	
40	13,600	12,000	10,800	9,900	15,300	12,900	11,300	10,200	17,500	14,200	12,000	10,500
45	12,500	11,200	10,200	9,600	14,100	12,100	10,700	9,900	16,500	13,500	11,500	10,300
50	11,500	10,500	9,700	9,200	13,000	11,400	10,300	9,600	15,500	12,800	11,100	10,000
55	10,700	9,900	9,300	8,900	12,100	10,800	9,900	9,300	14,600	12,200	10,700	9,800
60	9,900	9,300	8,900		11,400	10,300	9,500	9,000	13,700	11,700	10,400	9,600
65	9,200	8,900			10,700	9,800	9,100	8,900	13,000	11,200	10,100	9,300
70					10,000	9,300	8,900		12,300	10,800	9,800	9,100
75					9,300	8,900			11,600	10,400	9,500	9,000
80									10,200	10,000	9,200	8,900
85									9,000	9,400	9,000	
90									8,000	8,300	8,500	
95									7,100	7,400		
100									6,400	6,500		

Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	66.4	66.3	65.0	62.5	78.0	77.9	76.4	73.5	102.4	102.1	100.2	96.9
Capacity	9,000	8,900	8,900	8,900	9,000	8,900	8,900	8,900	6,100	6,100	6,400	6,800

1041080

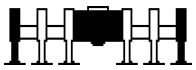
Radius (ft)	Boom Length (ft) / Fly Offset 99.5 0°	99.5 15°	99.5 30°	99.5 45°	125.5 0°	125.5 15°	125.5 30°	125.5 45°	152.4 0°	152.4 15°	152.4 30°	152.4 45°
25	21,100											
30	20,300				17,300							
35	19,400	15,500			17,300							
40	18,500	14,800	12,400		17,300	15,000			13,800			
45	17,600	14,200	12,000	10,500	17,300	14,500			13,800			
50	16,900	13,700	11,600	10,300	17,000	14,100	11,900		13,800	14,000		
55	16,100	13,200	11,300	10,100	16,500	13,700	11,600	10,300	13,800	13,700	11,800	
60	15,400	12,700	11,000	9,900	15,600	13,300	11,400	10,100	13,800	13,400	11,600	
65	14,500	12,300	10,700	9,800	13,400	12,900	11,100	10,000	12,000	13,100	11,400	10,200
70	12,600	11,900	10,500	9,500	11,600	12,500	10,900	9,900	10,100	11,200	11,200	10,000
75	11,000	11,500	10,200	9,300	10,000	10,800	10,700	9,700	8,600	9,600	10,500	9,900
80	9,700	10,300	10,000	9,200	8,600	9,400	10,100	9,500	7,200	8,200	9,000	9,600
85	8,500	9,100	9,500	9,000	7,500	8,200	8,800	9,200	6,100	7,000	7,700	8,300
90	7,500	8,000	8,400	8,600	6,500	7,100	7,600	8,000	5,100	5,900	6,600	7,100
95	6,600	7,000	7,400	7,600	5,600	6,200	6,600	7,000	4,200	5,000	5,600	6,000
100	5,800	6,200	6,500	6,600	4,800	5,300	5,800	6,000	3,500	4,100	4,700	5,100
105	5,100	5,400	5,600		4,100	4,600	5,000	5,200	2,800	3,400	3,900	4,300
110	4,500	4,700	4,900		3,500	3,900	4,200	4,400	2,100	2,700	3,200	3,500
115	3,900	4,100	4,200		2,900	3,300	3,600	3,700	1,600	2,100	2,500	2,800
120	3,400	3,600			2,400	2,700	3,000	3,100	1,100	1,600	1,900	2,200
125	2,900	3,000			1,900	2,200	2,400			1,100	1,400	1,600
130					1,500	1,800	1,900					1,100
135					1,100	1,400	1,500					
140						1,000	1,000					

Min Angle	0.0	0.0	0.0	0.0	26.5	27.0	28.0	26.5	50.0	50.0	50.5	50.5
Max Rad.	127.5	127.2	125.1	121.4	139.2	141.9	141.9	141.3	121.6	127.5	130.0	132.3
Capacity	2,800	2,800	2,900	3,100	0	0	0	0	0	0	0	0

1041080

For sales use only
Not for crane operations

Rated Lifting Capacities In Pounds


Full

35ft Offset Fly

12,000 lbs

Radius (ft)	Boom Length (ft) / Fly Offset 38.3 0°	38.3 15°	38.3 30°	38.3 45°	50.0 0°	50.0 15°	50.0 30°	50.0 45°	62.1 0°	62.1 15°	62.1 30°	62.1 45°
10	28,700											
12	26,800				27,600							
15	24,400				25,500				26,000			
20	21,100	16,900			22,600	17,400			23,500			
25	18,600	15,300	13,000		20,200	16,000			21,400	16,600		
30	16,700	14,000	12,100	10,800	18,200	14,800	12,500		19,500	15,500	12,800	
35	15,000	12,900	11,400	10,300	16,700	13,800	11,800	10,500	17,900	14,500	12,200	10,700
40	13,600	12,000	10,800	9,900	15,300	12,900	11,300	10,200	16,700	13,600	11,700	10,400
45	12,500	11,200	10,200	9,600	14,100	12,100	10,700	9,900	15,500	12,900	11,200	10,100
50	11,500	10,500	9,700	9,200	13,000	11,400	10,300	9,600	14,400	12,200	10,700	9,800
55	10,700	9,900	9,300	8,900	12,100	10,800	9,900	9,300	13,500	11,600	10,400	9,600
60	9,900	9,300	8,900		11,400	10,300	9,500	9,000	12,600	11,100	10,000	9,300
65	9,200	8,900			10,700	9,800	9,100	8,900	11,900	10,600	9,700	9,100
70					10,000	9,300	8,900		11,200	10,200	9,300	8,900
75					9,300	8,900			10,700	9,700	9,100	
80									10,100	9,300	8,900	
85									9,000	9,000		
90									8,000			
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	66.4	66.3	65.0	62.5	78.0	77.9	76.4	73.5	90.2	90.0	88.3	85.1
Capacity	9,000	8,900	8,900	8,900	9,000	8,900	8,900	8,900	8,000	8,100	8,400	8,900

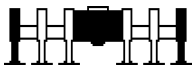
1041090

Radius (ft)	Boom Length (ft) / Fly Offset 87.3 0°	87.3 15°	87.3 30°	87.3 45°	113.4 0°	113.4 15°	113.4 30°	113.4 45°	140.3 0°	140.3 15°	140.3 30°	140.3 45°
20	23,700											
25	22,300				20,900							
30	20,900	16,300			20,800							
35	19,700	15,500	12,700		19,900	15,800			17,300			
40	18,500	14,700	12,200		19,100	15,200			17,300			
45	17,400	14,000	11,800	10,400	18,300	14,700	12,200		17,300	14,800		
50	16,600	13,400	11,400	10,200	17,600	14,100	11,900	10,400	17,300	14,400	12,100	
55	15,600	12,800	11,100	10,000	16,900	13,600	11,600	10,200	16,300	14,000	11,900	
60	14,800	12,300	10,700	9,800	15,400	13,200	11,300	10,000	13,900	13,600	11,600	10,200
65	14,100	11,900	10,500	9,600	13,300	12,800	11,000	9,900	11,700	13,000	11,400	10,100
70	12,500	11,400	10,200	9,400	11,400	12,300	10,700	9,800	9,900	11,000	11,100	10,000
75	10,900	11,000	9,900	9,200	9,800	10,700	10,500	9,600	8,300	9,400	10,300	9,900
80	9,600	10,200	9,600	9,000	8,500	9,200	9,900	9,400	7,000	7,900	8,800	9,400
85	8,400	8,900	9,300	8,900	7,300	8,000	8,600	9,000	5,900	6,700	7,500	8,000
90	7,400	7,800	8,200	8,300	6,300	6,900	7,400	7,800	4,900	5,700	6,300	6,800
95	6,500	6,900	7,100		5,400	6,000	6,400	6,700	4,000	4,700	5,300	5,800
100	5,700	6,000	6,200		4,600	5,100	5,500	5,800	3,200	3,900	4,400	4,800
105	5,000	5,300	5,400		4,000	4,400	4,700	4,900	2,600	3,200	3,600	4,000
110	4,400	4,600			3,300	3,700	4,000	4,200	1,900	2,500	2,900	3,200
115	3,900				2,800	3,100	3,400		1,400	1,900	2,300	2,500
120					2,300	2,600	2,800			1,300	1,700	1,900
125					1,800	2,100	2,200				1,200	1,300
130					1,400	1,600						
135					1,000	1,100						
Min Angle	0.0	0.0	0.0	0.0	14.5	15.5	22.0	14.0	47.0	47.0	47.0	47.0
Max Rad.	115.4	115.1	113.1	109.6	137.5	138.1	135.0	134.7	118.8	124.3	128.0	129.5
Capacity	3,900	3,900	4,000	4,300	0	0	0	0	0	0	0	0

1041090

Sales use only
Not for crane operations

Rated Lifting Capacities In Pounds


Full

58ft Offset Fly

12,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	38.3				61.7				86.0			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
15	16,600											
20	14,700				14,300							
25	13,000				13,400				12,400			
30	11,600	9,600			12,500				11,900			
35	10,500	8,800			11,700	9,400			11,500			
40	9,500	8,200	7,200		10,900	8,800			11,000	9,100		
45	8,700	7,600	6,700		10,100	8,300			10,600	8,700		
50	8,100	7,100	6,300	5,700	9,400	7,900	6,700		10,100	8,300		
55	7,500	6,700	6,000	5,500	8,800	7,400	6,400		9,700	7,900	6,700	
60	6,900	6,300	5,700	5,200	8,300	7,100	6,100	5,500	9,200	7,600	6,400	
65	6,500	5,900	5,400	5,100	7,800	6,700	5,900	5,300	8,800	7,300	6,200	5,500
70	6,000	5,600	5,200	4,900	7,300	6,400	5,700	5,200	8,300	7,000	6,000	5,400
75	5,700	5,300	5,000	4,800	6,900	6,100	5,500	5,100	8,000	6,700	5,800	5,200
80	5,300	5,100	4,900	4,800	6,600	5,800	5,300	5,000	7,600	6,500	5,700	5,100
85	5,000	4,900	4,800		6,200	5,600	5,200	4,900	7,200	6,200	5,500	5,000
90					5,900	5,400	5,000	4,800	6,900	6,000	5,400	5,000
95					5,600	5,200	4,900	4,800	6,600	5,800	5,200	4,900
100					5,400	5,000	4,800		6,300	5,600	5,100	4,800
105					5,100	4,900	4,700		6,100	5,500	5,000	4,800
110					4,900	4,800			5,800	5,300	4,900	4,700
115									5,400	5,200	4,800	4,700
120									4,900	5,000	4,800	
125									4,400	4,700	4,700	
130									4,000	4,200		
135									3,600	3,700		

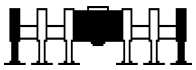
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	89.4	89.2	87.3	84.0	112.7	112.3	109.8	105.3	137.0	136.4	133.5	128.2
Capacity	4,800	4,900	4,800	4,800	4,800	4,800	4,700	4,800	3,500	3,500	3,700	4,100

1041100

For sales us

Not for crane operations

Rated Lifting Capacities In Pounds


Full

58ft Offset Fly

12,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	111.2				137.2				164.1			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
30	10,100											
35	10,100											
40	10,100				8,600							
45	10,100				8,600							
50	10,000	8,500			8,600				7,500			
55	9,700	8,200			8,600	8,200			7,500			
60	9,500	7,900			8,600	8,000			7,500			
65	9,200	7,600	6,400		8,600	7,800			7,500	7,800		
70	8,900	7,400	6,300	5,500	8,600	7,600	6,400		7,500	7,600		
75	8,600	7,100	6,100	5,400	8,600	7,400	6,300		7,500	7,500		
80	8,300	6,900	5,900	5,300	8,600	7,200	6,100	5,400	7,500	7,300	6,300	
85	8,000	6,700	5,800	5,200	8,400	7,000	6,000	5,300	7,000	7,200	6,100	
90	7,700	6,500	5,700	5,100	7,400	6,800	5,900	5,200	6,000	7,000	6,000	5,300
95	7,400	6,300	5,500	5,000	6,500	6,700	5,700	5,100	5,100	6,300	5,900	5,200
100	6,700	6,100	5,400	5,000	5,700	6,500	5,600	5,100	4,400	5,500	5,800	5,200
105	6,000	5,900	5,300	4,900	5,000	5,800	5,500	5,000	3,700	4,700	5,600	5,100
110	5,300	5,800	5,200	4,900	4,300	5,100	5,400	5,000	3,000	4,000	4,800	5,100
115	4,700	5,300	5,100	4,800	3,700	4,400	5,100	4,900	2,500	3,300	4,100	4,700
120	4,200	4,700	5,000	4,800	3,200	3,900	4,400	4,900	1,900	2,800	3,500	4,000
125	3,700	4,200	4,500	4,700	2,700	3,300	3,900	4,200	1,500	2,200	2,900	3,400
130	3,300	3,700	4,000	4,200	2,300	2,900	3,300	3,700	1,000	1,800	2,400	2,800
135	2,900	3,200	3,500	3,600	1,900	2,400	2,800	3,100		1,300	1,900	2,300
140	2,500	2,800	3,100		1,500	2,000	2,400	2,600		900	1,400	1,800
145	2,200	2,400	2,600		1,200	1,600	2,000	2,200			1,000	1,300
150	1,900	2,100	2,200		900	1,300	1,600	1,700				900
155	1,600	1,700				1,000	1,200					
160	1,300	1,400					900					

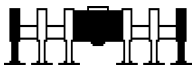
Min Angle	0.0	0.0	0.0	0.0	39.5	40.0	40.0	40.5	55.0	56.0	56.0	56.5
Max Rad.	162.2	161.5	158.1	152.4	150.8	156.9	160.6	160.6	131.9	140.6	146.9	150.6
Capacity	1,300	1,300	1,400	1,600	0	0	0	0	0	0	0	0

1041100

For sales use only

Not for crane operations

Rated Lifting Capacities In Pounds


Full

58ft Offset Fly

12,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	38.3				50.0				74.3			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
15	16,600				16,300							
20	14,700				14,900							
25	13,000				13,600				13,500			
30	11,600	9,600			12,400	9,900			12,700			
35	10,500	8,800			11,300	9,200			12,000			
40	9,500	8,200	7,200		10,300	8,600			11,400	9,100		
45	8,700	7,600	6,700		9,500	8,000	6,900		10,700	8,600		
50	8,100	7,100	6,300	5,700	8,800	7,600	6,600		10,100	8,200	6,900	
55	7,500	6,700	6,000	5,500	8,200	7,100	6,200	5,600	9,500	7,800	6,600	
60	6,900	6,300	5,700	5,200	7,700	6,700	5,900	5,400	8,900	7,400	6,300	5,600
65	6,500	5,900	5,400	5,100	7,200	6,300	5,700	5,200	8,400	7,100	6,100	5,400
70	6,000	5,600	5,200	4,900	6,700	6,000	5,500	5,100	8,000	6,800	5,900	5,300
75	5,700	5,300	5,000	4,800	6,300	5,700	5,300	4,900	7,500	6,500	5,700	5,200
80	5,300	5,100	4,900	4,800	6,000	5,500	5,100	4,900	7,200	6,200	5,500	5,100
85	5,000	4,900	4,800		5,600	5,300	5,000	4,800	6,800	6,000	5,300	5,000
90					5,300	5,100	4,800		6,500	5,700	5,200	4,900
95					5,100	4,900	4,700		6,200	5,500	5,100	4,800
100					4,900	4,800			5,900	5,300	5,000	4,800
105									5,600	5,200	4,900	4,800
110									5,400	5,000	4,800	
115									5,200	4,900	4,700	
120									4,800	4,800		
125									4,400			

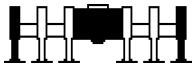
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	89.4	89.2	87.3	84.0	101.0	100.7	98.5	94.5	125.4	124.8	122.0	117.1
Capacity	4,800	4,900	4,800	4,800	4,800	4,800	4,700	4,800	4,300	4,400	4,700	4,800

1041110

For sales us

Not for crane operations

Rated Lifting Capacities In Pounds


Full

58ft Offset Fly

12,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	99.5				125.5				152.4			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
30	12,300											
35	11,800				10,800							
40	11,400				10,800							
45	11,000	8,900			10,700				9,200			
50	10,600	8,600			10,500	8,700			9,200			
55	10,200	8,200	6,800		10,200	8,400			9,200			
60	9,800	7,900	6,600		9,900	8,200			9,200	8,300		
65	9,300	7,600	6,400	5,600	9,600	7,900	6,600		9,200	8,100		
70	8,900	7,300	6,200	5,400	9,400	7,700	6,400		9,200	7,900		
75	8,500	7,000	6,000	5,300	9,100	7,400	6,200	5,400	9,200	7,600	6,400	
80	8,100	6,800	5,800	5,200	8,800	7,200	6,100	5,300	8,000	7,500	6,300	5,400
85	7,800	6,500	5,700	5,100	8,200	7,000	5,900	5,300	6,800	7,300	6,100	5,400
90	7,500	6,300	5,500	5,000	7,200	6,800	5,800	5,200	5,800	7,100	6,000	5,300
95	7,100	6,100	5,400	5,000	6,300	6,600	5,700	5,100	4,900	6,100	5,900	5,200
100	6,500	5,900	5,300	4,900	5,500	6,400	5,600	5,000	4,100	5,200	5,800	5,100
105	5,800	5,700	5,200	4,900	4,800	5,600	5,400	5,000	3,400	4,500	5,400	5,100
110	5,200	5,600	5,100	4,800	4,100	4,900	5,300	4,900	2,800	3,800	4,600	5,000
115	4,600	5,100	5,000	4,800	3,600	4,300	4,900	4,900	2,200	3,100	3,900	4,500
120	4,100	4,500	4,900	4,700	3,000	3,700	4,200	4,600	1,700	2,500	3,300	3,800
125	3,600	4,000	4,300	4,500	2,600	3,200	3,700	4,000	1,300	2,000	2,700	3,200
130	3,200	3,500	3,800		2,100	2,700	3,100	3,400		1,500	2,100	2,600
135	2,800	3,100	3,200		1,700	2,200	2,600	2,800		1,100	1,700	2,000
140	2,400	2,600	2,700		1,400	1,800	2,200	2,300			1,200	1,500
145	2,100	2,200			1,000	1,400	1,700	1,800				1,100
150	1,800					1,100	1,300					
155							900					

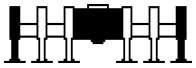
Min Angle	0.0	0.0	0.0	0.0	35.5	35.5	36.5	36.5	53.5	53.5	54.0	54.0
Max Rad.	150.5	149.8	146.7	141.1	147.5	154.2	155.8	155.6	129.1	138.0	144.4	147.5
Capacity	1,800	1,800	2,000	2,200	0	0	0	0	0	0	0	0

1041110

For sales use only

Not for crane operations

Rated Lifting Capacities In Pounds


Full

58ft Offset Fly

12,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	38.3				50.0				62.1			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
15	16,600				16,300							
20	14,700				14,900				14,800			
25	13,000				13,600				13,800			
30	11,600	9,600			12,400	9,900			12,800			
35	10,500	8,800			11,300	9,200			11,900	9,500		
40	9,500	8,200	7,200		10,300	8,600			11,000	8,900		
45	8,700	7,600	6,700		9,500	8,000	6,900		10,200	8,400	7,100	
50	8,100	7,100	6,300	5,700	8,800	7,600	6,600		9,500	7,900	6,700	
55	7,500	6,700	6,000	5,500	8,200	7,100	6,200	5,600	8,900	7,500	6,400	5,700
60	6,900	6,300	5,700	5,200	7,700	6,700	5,900	5,400	8,400	7,100	6,200	5,500
65	6,500	5,900	5,400	5,100	7,200	6,300	5,700	5,200	7,900	6,700	5,900	5,300
70	6,000	5,600	5,200	4,900	6,700	6,000	5,500	5,100	7,400	6,400	5,700	5,200
75	5,700	5,300	5,000	4,800	6,300	5,700	5,300	4,900	7,000	6,100	5,500	5,100
80	5,300	5,100	4,900	4,800	6,000	5,500	5,100	4,900	6,600	5,900	5,300	5,000
85	5,000	4,900	4,800		5,600	5,300	5,000	4,800	6,200	5,600	5,200	4,900
90					5,300	5,100	4,800		5,900	5,400	5,000	4,800
95					5,100	4,900	4,700		5,600	5,200	4,900	4,800
100					4,900	4,800			5,400	5,100	4,800	
105									5,100	4,900	4,700	
110									4,900	4,800		

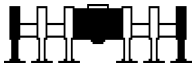
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	89.4	89.2	87.3	84.0	101.0	100.7	98.5	94.5	113.2	112.7	110.2	105.7
Capacity	4,800	4,900	4,800	4,800	4,800	4,800	4,700	4,800	4,800	4,800	4,700	4,800

1041120

For sales us

Not for crane operations

Rated Lifting Capacities In Pounds


Full

58ft Offset Fly

12,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	87.3				113.4				140.3			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
25	13,600											
30	12,900				12,500							
35	12,300				12,100							
40	11,700	9,400			11,700				11,000			
45	11,200	8,900			11,300	9,200			11,000			
50	10,600	8,500			10,900	8,800			10,800			
55	10,100	8,100	6,700		10,500	8,500			10,500	8,700		
60	9,500	7,700	6,500		10,200	8,100	6,700		10,300	8,400		
65	9,000	7,400	6,300	5,500	9,800	7,900	6,500		10,000	8,100		
70	8,600	7,100	6,100	5,400	9,400	7,600	6,300	5,500	9,700	7,900	6,500	
75	8,100	6,800	5,900	5,200	9,000	7,300	6,200	5,400	9,200	7,700	6,400	
80	7,700	6,500	5,700	5,100	8,600	7,100	6,000	5,300	7,900	7,400	6,200	5,400
85	7,400	6,300	5,500	5,000	8,200	6,800	5,800	5,200	6,700	7,200	6,100	5,300
90	7,000	6,100	5,400	5,000	7,200	6,600	5,700	5,100	5,700	7,000	5,900	5,200
95	6,700	5,900	5,300	4,900	6,300	6,400	5,600	5,000	4,800	6,000	5,800	5,200
100	6,400	5,700	5,100	4,800	5,500	6,200	5,400	5,000	4,000	5,100	5,700	5,100
105	5,900	5,500	5,000	4,800	4,700	5,500	5,300	4,900	3,300	4,300	5,200	5,000
110	5,200	5,300	4,900	4,800	4,100	4,800	5,200	4,900	2,700	3,600	4,500	5,000
115	4,700	5,100	4,900	4,700	3,500	4,200	4,800	4,800	2,100	3,000	3,800	4,300
120	4,100	4,500	4,800		3,000	3,600	4,100	4,400	1,600	2,400	3,100	3,600
125	3,700	4,000	4,200		2,500	3,100	3,500	3,800	1,200	1,900	2,500	3,000
130	3,200	3,500			2,100	2,600	3,000	3,200		1,400	2,000	2,400
135	2,900	3,000			1,700	2,200	2,500	2,600		1,000	1,500	1,800
140					1,400	1,700	2,000				1,000	1,300
145					1,000	1,300	1,600					
150						1,000	1,100					

Min Angle	0.0	0.0	0.0	0.0	27.5	28.5	28.5	4.0	50.0	50.5	51.5	51.5
Max Rad.	138.4	137.7	134.8	129.5	147.5	151.9	153.1	149.1	127.8	136.3	141.9	144.5
Capacity	2,700	2,700	2,900	3,200	0	0	0	0	0	0	0	0

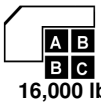
1041120

For Sales Use Only

Not for crane operations

Rated Lifting Capacities In Pounds

Full



16,000 lbs

Radius (ft)	Boom Length (ft) Extend Mode										
	38.3	50.0	50.5	60.0	61.7	62.1	63.0	73.8	74.3	74.7	75.0
	ALL	EM1,2,3,4,5	EM6	EM2	EM1, EM4	EM3, EM5	EM6	EM4	EM2	EM5	EM1
10	163,100	86,000	160,300	90,200	58,400	90,400	137,600				
12	145,500	80,400	146,900	85,000	54,200	85,400	137,600	55,600	59,800	88,300	55,500
15	116,400	73,000	119,200	78,200	49,000	78,700	120,000	50,900	54,200	82,400	50,900
20	84,800	63,600	87,700	68,900	42,000	69,700	88,600	44,700	46,800	74,100	44,800
25	65,200	56,300	68,200	61,800	36,700	62,600	69,200	39,800	41,000	67,400	40,000
30	46,000	50,600	49,900	52,100	32,700	52,300	50,900	35,800	36,400	52,800	36,000
35		38,500	37,900	40,100	29,400	40,400	39,100	32,500	32,800	40,800	32,700
40		30,400	29,800	32,000	26,700	32,300	31,100	29,800	29,700	32,700	29,900
45				26,100	24,400	26,400	25,200	27,500	26,800	26,900	27,300
50				21,700	22,400	21,900	20,800	23,500	23,100	22,500	23,600
55						18,400	17,300	20,000	19,600	19,000	20,000
60								17,100	16,800	16,200	17,200
65								14,900	14,500	14,000	14,900
Unpinned			106,000				106,400				
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	31.3	43.0	43.5	53.0	54.7	55.1	56.0	66.8	67.3	67.7	68.0
Capacity	33,100	24,700	23,800	19,500	19,100	18,400	16,700	14,100	13,600	12,900	13,800

1050010

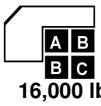
Radius (ft)	Boom Length (ft) Extend Mode										
	75.0	76.1	85.0	86.0	86.4	87.3	87.8	89.5	99.4	99.5	100.0
	EM3	EM6	EM2	EM1	EM4	EM3	EM5	EM6	EM4	EM2	EM1
12	88,300	120,400									
15	82,400	119,500	55,500	45,500	52,800	64,900	82,000	91,500			
20	74,100	88,400	48,600	39,600	47,000	56,200	77,000	87,400	48,600	47,500	41,100
25	67,400	69,100	43,200	34,900	42,400	49,500	70,400	68,300	44,400	42,200	36,900
30	52,800	50,700	38,800	31,100	38,600	44,000	52,300	49,600	40,800	37,800	33,100
35	40,800	38,900	35,200	28,000	35,400	39,600	40,300	37,900	37,700	34,000	30,200
40	32,700	30,900	32,100	25,400	32,500	32,900	32,200	30,100	33,300	31,000	27,600
45	26,900	25,200	27,700	23,200	28,000	27,200	26,500	24,300	27,500	27,800	25,400
50	22,500	20,900	23,200	21,300	23,600	22,800	22,200	20,000	23,100	23,400	23,600
55	19,000	17,400	19,800	19,700	20,200	19,400	18,700	16,700	19,700	19,900	20,700
60	16,200	14,700	17,000	17,800	17,400	16,600	16,000	14,100	16,900	17,200	17,900
65	14,000	12,400	14,800	15,600	15,100	14,300	13,800	11,800	14,800	15,000	15,700
70			12,800	13,600	13,200	12,400	11,800	9,900	12,800	13,100	13,800
75			11,200	12,000	11,500	10,800	10,200	8,300	11,200	11,400	12,100
80						9,400	8,800	6,800	9,800	10,000	10,700
85									8,600	8,800	9,500
90									7,500	7,700	8,400
Unpinned		106,300						91,500			
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	68.0	69.1	78.0	79.0	79.4	80.3	80.8	82.5	92.4	92.5	93.0
Capacity	12,800	10,800	10,300	10,900	10,300	9,300	8,600	6,200	7,000	7,200	7,800

1050010

Not for crane operations

Rated Lifting Capacities In Pounds

Full



16,000 lbs

Radius (ft)	Boom Length (ft) Extend Mode									
	100.0		110.0	111.2	113.4	114.6	115.0	125.0		125.5
	EM3	EM5	EM2	EM1	EM3	EM5	EM4	EM1	EM3	EM2
20	58,300	65,800	43,400	36,400	45,300	50,400	43,900			
25	52,000	65,800	43,400	36,400	45,300	50,400	43,900	29,900	38,700	33,300
30	46,800	51,200	39,500	33,700	44,200	50,200	42,300	29,900	38,700	33,300
35	40,600	39,400	35,900	31,000	40,000	38,400	39,400	29,900	38,700	33,300
40	32,500	31,400	32,700	28,500	32,200	30,600	32,100	29,800	31,600	32,700
45	26,800	25,700	27,400	26,200	26,500	24,900	26,400	27,900	25,800	27,000
50	22,400	21,300	23,000	24,100	22,100	20,500	22,100	23,600	21,500	22,600
55	19,000	17,900	19,600	20,600	18,700	17,200	18,600	20,200	18,100	19,200
60	16,300	15,300	16,800	17,900	16,000	14,600	15,900	17,400	15,500	16,500
65	14,100	13,100	14,700	15,700	13,800	12,400	13,800	15,300	13,200	14,300
70	12,200	11,200	12,800	13,800	12,000	10,400	11,900	13,400	11,400	12,500
75	10,600	9,500	11,200	12,200	10,300	8,800	10,300	11,800	9,700	10,800
80	9,200	8,100	9,800	10,800	8,900	7,400	8,900	10,300	8,300	9,400
85	7,900	6,900	8,500	9,500	7,700	6,200	7,600	9,100	7,100	8,200
90	6,800	5,800	7,500	8,400	6,600	5,200	6,600	8,000	6,100	7,100
95			6,500	7,500	5,700	4,300	5,600	7,100	5,100	6,200
100			5,600	6,600	4,800	3,400	4,800	6,200	4,300	5,400
105					4,100	2,700	4,000	5,500	3,600	4,600
110								4,800	2,900	3,900
115								4,200	2,300	3,300
Unpinned										
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	93.0	93.0	103.0	104.2	106.4	107.6	108.0	118.0	118.0	118.5
Capacity	6,200	5,200	5,200	6,000	3,900	2,300	3,600	3,900	2,000	2,900

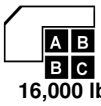
1050010

For sales use only

Not for crane operations

Rated Lifting Capacities In Pounds

Full



16,000 lbs

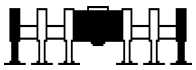
Radius (ft)	Boom Length (ft) Extend Mode 126.3 EM4	137.2 EM1	140.0 EM2	140.3 EM3	150.0 EM1	152.4 EM2	164.1 EM1
25	37,700	25,400					
30	37,700	25,400	28,300	30,800	22,500	24,400	
35	37,700	25,400	28,300	30,800	22,500	24,400	19,600
40	31,600	25,400	28,300	30,800	22,500	24,400	19,600
45	25,800	25,400	26,200	25,100	22,500	24,400	19,600
50	21,400	23,300	21,800	20,800	22,500	21,300	19,600
55	18,000	19,800	18,400	17,400	19,100	17,900	18,500
60	15,400	17,100	15,700	14,800	16,400	15,300	15,800
65	13,200	14,900	13,600	12,600	14,300	13,100	13,700
70	11,300	13,100	11,700	10,700	12,400	11,200	11,800
75	9,700	11,400	10,100	9,100	10,800	9,600	10,200
80	8,300	10,000	8,700	7,700	9,400	8,200	8,800
85	7,100	8,800	7,500	6,500	8,100	7,000	7,600
90	6,000	7,700	6,400	5,400	7,100	5,900	6,500
95	5,100	6,800	5,500	4,500	6,200	5,000	5,600
100	4,300	5,900	4,700	3,700	5,300	4,200	4,800
105	3,500	5,200	3,900	3,000	4,600	3,500	4,000
110	2,900	4,500	3,300	2,300	3,900	2,800	3,400
115	2,300	3,900	2,700	1,700	3,300	2,200	2,800
120		3,400	2,100	1,200	2,800	1,700	2,200
125		2,900	1,600		2,300	1,200	1,700
130		2,400	1,200		1,800		1,300
135					1,400		
Unpinned							
Min Angle	0.0	0.0	0.0	26.0	14.5	31.0	34.0
Max Rad.	119.3	130.2	133.0	121.8	140.0	127.7	134.4
Capacity	1,800	2,400	900	0	0	0	0

1050010

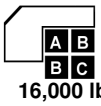
For sales use only

Not for crane operations

Rated Lifting Capacities In Pounds


Full

10ft Offset Fly
0°- 45° Offset



16,000 lbs

Radius (ft)	Boom Length (ft) Extend Mode										
	38.3	50.0	50.5	60.0	61.7	62.1	63.0	73.8	74.3	74.7	75.0
	ALL	EM1,2,3,4,5	EM6	EM2	EM1, EM4	EM3, EM5	EM6	EM4	EM2	EM5	EM1
10	42,100	42,900	42,900	47,700	47,700	47,700	47,700				
12	41,100	42,100	42,100	42,600	38,900	42,600	42,800	46,400	47,600	47,600	47,600
15	39,400	40,900	40,900	41,500	35,400	41,600	41,700	36,400	41,800	42,000	42,300
20	36,400	38,400	38,600	39,700	31,200	39,900	40,200	32,500	38,700	40,700	32,600
25	34,400	34,400	36,300	36,900	27,500	37,300	38,000	29,100	34,400	38,800	29,200
30	33,400	31,600	34,400	34,100	24,600	34,400	36,200	26,300	30,600	36,500	26,400
35	32,500	29,000	34,000	31,400	22,200	31,800	34,600	24,000	27,600	34,200	24,100
40	30,000	26,800	31,400	29,200	20,300	29,600	31,700	22,100	25,000	31,900	22,200
45		25,200	25,700	26,900	18,600	27,000	25,900	20,400	22,900	27,000	20,600
50		21,900	21,400	22,500	17,300	22,600	21,600	19,000	21,100	22,600	19,100
55				19,100	16,300	19,200	18,200	17,800	19,500	19,200	17,900
60				16,400	15,300	16,500	15,600	16,900	17,000	16,500	17,100
65						14,400	13,400	15,200	14,800	14,300	15,200
70								13,300	12,900	12,500	13,300
75								11,700	11,400	10,900	11,700
Unpinned			42,900				47,700				
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	41.4	53.1	53.5	63.1	64.7	65.2	66.1	76.9	77.4	77.8	78.1
Capacity	26,300	19,900	19,100	15,100	14,700	14,300	13,000	11,200	10,700	10,100	10,900

1051010

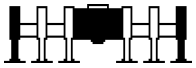
Radius (ft)	Boom Length (ft) Extend Mode										
	75.0	76.1	85.0	86.0	86.4	87.3	87.8	89.5	99.4	99.5	100.0
	EM3	EM6	EM2	EM1	EM4	EM3	EM5	EM6	EM4	EM2	EM1
12	47,600	47,600									
15	42,000	42,200	46,100	41,700	40,200	46,300	46,600	47,200			
20	40,700	40,900	39,600	32,700	33,700	40,800	41,000	41,300	34,500	38,500	32,800
25	38,800	39,200	35,300	29,700	30,500	39,300	39,600	40,100	31,600	35,600	30,300
30	36,500	37,500	32,000	27,000	27,800	37,800	38,100	38,500	29,100	32,400	28,000
35	34,200	36,000	29,000	24,300	25,600	34,900	35,900	37,100	27,000	29,800	25,700
40	32,000	31,200	26,600	22,000	23,700	31,900	32,100	30,100	25,100	27,600	23,600
45	27,000	25,400	24,500	20,100	22,100	27,000	26,400	24,400	23,500	25,600	21,700
50	22,600	21,100	22,700	18,500	20,600	22,600	22,100	20,100	22,000	23,000	20,100
55	19,200	17,700	19,700	17,200	19,400	19,200	18,700	16,700	19,400	19,600	18,700
60	16,500	15,100	16,900	16,000	17,200	16,500	15,900	14,200	16,600	16,900	17,400
65	14,300	12,900	14,800	14,900	15,000	14,300	13,800	12,000	14,500	14,700	15,300
70	12,500	11,100	12,900	13,600	13,200	12,500	11,900	10,100	12,600	12,800	13,400
75	10,900	9,400	11,300	12,000	11,600	10,900	10,300	8,500	11,000	11,200	11,800
80			9,900	10,600	10,200	9,500	8,900	7,100	9,600	9,800	10,400
85			8,700	9,400	9,000	8,300	7,700	5,900	8,400	8,600	9,200
90						7,200	6,700	4,900	7,300	7,500	8,200
95									6,400	6,600	7,200
100									5,600	5,800	6,400
Unpinned		47,600						47,200			
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	78.1	79.1	88.1	89.0	89.5	90.4	90.8	92.6	102.5	102.5	103.1
Capacity	10,100	8,400	8,100	8,600	8,100	7,200	6,600	4,500	5,300	5,500	6,000

1051010

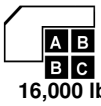
Sales use only

Not for crane operations

Rated Lifting Capacities In Pounds


Full

10ft Offset Fly
0°- 45° Offset



16,000 lbs

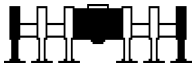
Radius (ft)	Boom Length (ft) Extend Mode									
	100.0		110.0	111.2	113.4	114.6	115.0	125.0		125.5
	EM3	EM5	EM2	EM1	EM3	EM5	EM4	EM1	EM3	EM2
20	40,800	41,100	32,700	27,200	35,500	39,500	32,900			
25	39,500	39,900	32,700	27,200	35,500	39,500	32,400	23,600	30,400	26,600
30	38,200	38,600	32,700	27,200	35,500	38,600	30,100	23,600	30,400	26,600
35	36,700	37,300	30,400	26,300	35,500	37,500	28,100	23,600	30,400	26,600
40	32,200	31,200	28,300	24,300	31,700	30,200	26,300	23,600	30,400	26,600
45	26,500	25,500	26,400	22,500	26,100	24,500	24,800	23,400	25,300	26,500
50	22,100	21,100	22,600	20,900	21,700	20,200	21,700	21,900	21,000	22,100
55	18,700	17,700	19,200	19,600	18,300	16,900	18,300	19,600	17,600	18,700
60	16,000	15,100	16,400	17,400	15,700	14,300	15,700	16,900	15,100	16,000
65	13,900	12,900	14,300	15,200	13,500	12,100	13,400	14,700	12,800	13,900
70	12,000	11,100	12,400	13,300	11,600	10,200	11,600	12,900	11,000	12,000
75	10,400	9,400	10,800	11,700	10,000	8,600	9,900	11,300	9,300	10,400
80	9,000	8,100	9,400	10,300	8,600	7,200	8,500	9,800	8,000	9,000
85	7,800	6,900	8,200	9,100	7,400	6,000	7,300	8,600	6,800	7,800
90	6,700	5,800	7,200	8,000	6,400	5,000	6,300	7,600	5,700	6,700
95	5,800	4,900	6,200	7,100	5,400	4,100	5,400	6,600	4,800	5,800
100	5,000	4,100	5,400	6,300	4,600	3,300	4,600	5,800	4,000	5,000
105			4,700	5,500	3,900	2,600	3,800	5,100	3,300	4,200
110			4,000	4,900	3,300	2,000	3,200	4,400	2,600	3,600
115					2,700	1,400	2,600	3,800	2,000	3,000
120								3,300	1,500	2,500
125								2,800		2,000
Unpinned										
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.0	0.0
Max Rad.	103.1	103.1	113.1	114.2	116.4	117.7	118.1	128.1	125.0	128.6
Capacity	4,600	3,700	3,700	4,400	2,600	1,200	2,300	2,600	0	1,700

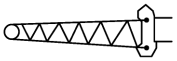
1051010

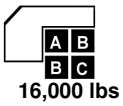
For sales use only

Not for crane operations

Rated Lifting Capacities In Pounds


Full


10ft Offset Fly
0°- 45° Offset



16,000 lbs

Radius (ft)	Boom Length (ft) Extend Mode						
	126.3 EM4	137.2 EM1	140.0 EM2	140.3 EM3	150.0 EM1	152.4 EM2	164.1 EM1
25	29,000	20,500					
30	29,000	20,500	23,100	25,400	18,500		
35	28,400	20,500	23,100	25,400	18,500	20,400	15,900
40	26,800	20,500	23,100	25,400	18,500	20,400	15,900
45	25,300	20,500	23,100	24,500	18,500	20,400	15,900
50	21,000	20,500	21,300	20,200	18,500	20,400	15,900
55	17,600	19,200	17,900	16,900	18,500	17,300	15,900
60	15,000	16,500	15,300	14,300	15,800	14,800	15,300
65	12,800	14,400	13,100	12,100	13,700	12,500	13,100
70	10,900	12,500	11,200	10,300	11,800	10,700	11,200
75	9,300	10,900	9,600	8,600	10,200	9,000	9,600
80	7,900	9,500	8,200	7,300	8,800	7,700	8,200
85	6,700	8,300	7,000	6,100	7,600	6,500	7,000
90	5,700	7,200	6,000	5,000	6,500	5,400	5,900
95	4,800	6,300	5,000	4,100	5,600	4,500	5,000
100	4,000	5,400	4,200	3,300	4,800	3,700	4,200
105	3,200	4,700	3,500	2,600	4,000	3,000	3,400
110	2,600	4,000	2,800	1,900	3,400	2,300	2,800
115	2,000	3,400	2,300	1,400	2,800	1,700	2,200
120	1,500	2,900	1,700		2,300	1,200	1,700
125		2,400	1,200		1,800		1,200
130		2,000			1,300		
135		1,600			900		
140		1,200					

Unpinned							

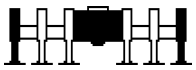
Min Angle	16.5	0.0	27.0	35.5	29.5	40.0	42.0
Max Rad.	125.0	140.3	129.4	118.9	135.8	122.5	128.1
Capacity	0	1,200	0	0	0	0	0

1051010

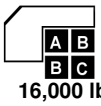
For sales use only

Not for crane operations

Rated Lifting Capacities In Pounds


Full

35ft Offset Fly



16,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	38.3				61.7				86.0			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
10	28,700											
12	26,800											
15	24,400				25,200							
20	21,100	16,900			23,000				21,300			
25	18,600	15,300	13,000		21,000	16,400			20,700			
30	16,700	14,000	12,100	10,800	19,200	15,400	12,800		19,700	15,800		
35	15,000	12,900	11,400	10,300	17,700	14,400	12,200		18,700	15,100		
40	13,600	12,000	10,800	9,900	16,500	13,600	11,600	10,400	17,700	14,400	12,100	
45	12,500	11,200	10,200	9,600	15,300	12,800	11,200	10,100	16,800	13,800	11,700	10,400
50	11,500	10,500	9,700	9,200	14,300	12,200	10,700	9,800	16,000	13,200	11,300	10,100
55	10,700	9,900	9,300	8,900	13,100	11,600	10,400	9,600	15,200	12,700	11,000	9,900
60	9,900	9,300	8,900		12,000	11,000	10,000	9,300	14,400	12,200	10,700	9,800
65	9,200	8,900			11,000	10,500	9,600	9,100	13,300	11,700	10,400	9,500
70					10,200	9,800	9,300	8,900	12,300	11,300	10,100	9,300
75					9,500	9,200	9,000		11,500	10,900	9,800	9,100
80					8,900	8,600	8,500		10,700	10,300	9,500	9,000
85					8,300	8,200			10,000	9,800	9,300	8,900
90									9,300	9,200	8,900	8,800
95									8,400	8,700	8,600	
100									7,500	7,800	8,000	
105									6,800	7,000	7,100	
110									6,100	6,200		

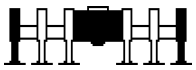
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	66.4	66.3	65.0	62.5	89.7	89.5	87.8	84.7	114.0	113.7	111.8	108.3
Capacity	9,000	8,900	8,900	8,900	7,900	8,000	8,100	8,500	5,700	5,700	5,900	6,300

1051070

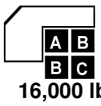
For sales use

Not for crane operations

Rated Lifting Capacities In Pounds


Full

35ft Offset Fly



16,000 lbs

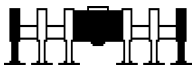
Radius (ft)	Boom Length (ft)											
	Fly Offset											
	111.2				137.2				164.1			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
25	16,200											
30	16,200											
35	16,200				13,200							
40	16,200	14,500			13,200				11,100			
45	16,200	14,100	12,000		13,200	13,700			11,100			
50	16,200	13,600	11,700	10,400	13,200	13,600			11,100			
55	15,800	13,200	11,400	10,200	13,200	13,300	11,600		11,100	11,600		
60	15,300	12,800	11,100	10,000	13,200	13,000	11,400	10,200	11,100	11,600		
65	14,800	12,500	10,900	9,900	13,200	12,700	11,200	10,100	11,100	11,600	11,300	
70	14,100	12,100	10,600	9,700	13,100	12,500	11,000	9,900	11,100	11,600	11,100	10,100
75	12,500	11,800	10,400	9,500	11,500	12,200	10,800	9,700	10,200	11,200	11,000	9,900
80	11,100	11,400	10,200	9,300	10,100	10,900	10,600	9,600	8,800	9,700	10,500	9,800
85	9,900	10,500	9,900	9,200	8,900	9,600	10,200	9,400	7,600	8,400	9,100	9,600
90	8,800	9,300	9,700	9,000	7,800	8,500	9,000	9,300	6,500	7,300	7,900	8,400
95	7,800	8,300	8,700	8,900	6,900	7,400	7,900	8,300	5,500	6,300	6,900	7,300
100	7,000	7,400	7,700	7,900	6,000	6,500	7,000	7,300	4,700	5,400	5,900	6,300
105	6,200	6,600	6,900	7,000	5,300	5,700	6,100	6,400	4,000	4,600	5,100	5,500
110	5,500	5,900	6,100	6,200	4,600	5,000	5,400	5,600	3,300	3,900	4,300	4,700
115	4,900	5,200	5,400		4,000	4,400	4,700	4,900	2,700	3,200	3,700	4,000
120	4,400	4,600	4,800		3,400	3,800	4,100	4,200	2,200	2,600	3,000	3,300
125	3,900	4,100	4,200		2,900	3,300	3,500	3,600	1,700	2,100	2,500	2,700
130	3,400	3,600			2,500	2,800	3,000	3,100	1,200	1,600	2,000	2,200
135	3,000	3,100			2,100	2,300	2,500			1,200	1,500	1,600
140					1,700	1,900	2,100				1,000	1,200
145					1,300	1,500	1,600					
150					1,000	1,200	1,200					

Min Angle	0.0	0.0	0.0	0.0	25.0	26.0	25.0	25.0	48.5	49.0	49.0	49.0
Max Rad.	139.2	138.8	136.7	132.9	152.5	154.4	155.6	153.5	133.4	139.0	141.9	143.5
Capacity	2,800	2,800	2,900	3,000	0	0	0	0	0	0	0	0

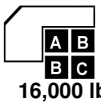
1051070

For sale/rent
Not for crane operations

Rated Lifting Capacities In Pounds


Full

35ft Offset Fly



16,000 lbs

Radius (ft)	Boom Length (ft) / Fly Offset 38.3 0°	38.3 15°	38.3 30°	38.3 45°	50.0 0°	50.0 15°	50.0 30°	50.0 45°	74.3 0°	74.3 15°	74.3 30°	74.3 45°
10	28,700											
12	26,800				27,600							
15	24,400				25,500							
20	21,100	16,900			22,600	17,400			23,400			
25	18,600	15,300	13,000		20,200	16,000			21,700	16,900		
30	16,700	14,000	12,100	10,800	18,200	14,800	12,500		20,200	15,900		
35	15,000	12,900	11,400	10,300	16,700	13,800	11,800	10,500	18,800	15,000	12,500	
40	13,600	12,000	10,800	9,900	15,300	12,900	11,300	10,200	17,500	14,200	12,000	10,500
45	12,500	11,200	10,200	9,600	14,100	12,100	10,700	9,900	16,500	13,500	11,500	10,300
50	11,500	10,500	9,700	9,200	13,000	11,400	10,300	9,600	15,500	12,800	11,100	10,000
55	10,700	9,900	9,300	8,900	12,100	10,800	9,900	9,300	14,600	12,200	10,700	9,800
60	9,900	9,300	8,900		11,400	10,300	9,500	9,000	13,700	11,700	10,400	9,600
65	9,200	8,900			10,700	9,800	9,100	8,900	13,000	11,200	10,100	9,300
70					10,000	9,300	8,900		12,300	10,800	9,800	9,100
75					9,300	8,900			11,700	10,400	9,500	9,000
80									11,200	10,000	9,200	8,900
85									10,200	9,600	9,000	
90									9,100	9,300	8,800	
95									8,100	8,300		
100									7,300	7,400		
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	66.4	66.3	65.0	62.5	78.0	77.9	76.4	73.5	102.4	102.1	100.2	96.9
Capacity	9,000	8,900	8,900	8,900	9,000	8,900	8,900	8,900	7,000	7,000	7,300	7,800

1051080

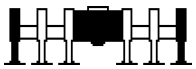
For sales use only

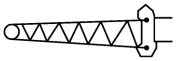
Radius (ft)	Boom Length (ft) / Fly Offset 99.5 0°	99.5 15°	99.5 30°	99.5 45°	125.5 0°	125.5 15°	125.5 30°	125.5 45°	152.4 0°	152.4 15°	152.4 30°	152.4 45°
25	21,100											
30	20,300				17,300							
35	19,400	15,500			17,300							
40	18,500	14,800	12,400		17,300	15,000			13,800			
45	17,600	14,200	12,000	10,500	17,300	14,500			13,800			
50	16,900	13,700	11,600	10,300	17,000	14,100	11,900		13,800	14,000		
55	16,100	13,200	11,300	10,100	16,500	13,700	11,600	10,300	13,800	13,700	11,800	
60	15,400	12,700	11,000	9,900	16,000	13,300	11,400	10,100	13,800	13,400	11,600	
65	14,700	12,300	10,700	9,800	14,700	12,900	11,100	10,000	13,300	13,100	11,400	10,200
70	13,900	11,900	10,500	9,500	12,800	12,600	10,900	9,900	11,500	12,500	11,200	10,000
75	12,200	11,500	10,200	9,300	11,200	12,100	10,700	9,700	9,900	10,900	11,000	9,900
80	10,800	11,100	10,000	9,200	9,800	10,600	10,500	9,500	8,400	9,400	10,200	9,800
85	9,600	10,200	9,700	9,000	8,600	9,300	9,900	9,300	7,200	8,100	8,800	9,400
90	8,500	9,000	9,400	8,900	7,500	8,200	8,700	9,100	6,200	6,900	7,600	8,100
95	7,600	8,000	8,300	8,500	6,600	7,100	7,600	8,000	5,200	5,900	6,600	7,000
100	6,700	7,100	7,400	7,500	5,700	6,300	6,700	7,000	4,400	5,100	5,600	6,000
105	6,000	6,300	6,500		5,000	5,500	5,800	6,100	3,600	4,300	4,800	5,100
110	5,300	5,600	5,700		4,300	4,700	5,100	5,300	3,000	3,600	4,000	4,300
115	4,700	4,900	5,000		3,700	4,100	4,400	4,500	2,400	2,900	3,300	3,600
120	4,100	4,300			3,200	3,500	3,800	3,900	1,800	2,300	2,700	2,900
125	3,700	3,700			2,700	3,000	3,200		1,400	1,800	2,100	2,300
130					2,200	2,500	2,600			1,300	1,600	1,800
135					1,800	2,000	2,100				1,100	1,300
140					1,400	1,600	1,700					
145					1,100	1,200						
Min Angle	0.0	0.0	0.0	0.0	15.5	18.0	16.0	20.5	46.5	46.5	46.5	46.5
Max Rad.	127.5	127.2	125.1	121.4	149.2	149.4	149.4	145.0	129.7	135.0	138.1	139.5
Capacity	3,500	3,500	3,600	3,800	0	0	0	0	0	0	0	0

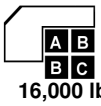
1051080

Informed operators

Rated Lifting Capacities In Pounds


Full


35ft Offset Fly



16,000 lbs

Radius (ft)	Boom Length (ft) / Fly Offset 38.3 0°	38.3 15°	38.3 30°	38.3 45°	50.0 0°	50.0 15°	50.0 30°	50.0 45°	62.1 0°	62.1 15°	62.1 30°	62.1 45°
10	28,700											
12	26,800				27,600							
15	24,400				25,500				26,000			
20	21,100	16,900			22,600	17,400			23,500			
25	18,600	15,300	13,000		20,200	16,000			21,400	16,600		
30	16,700	14,000	12,100	10,800	18,200	14,800	12,500		19,500	15,500	12,800	
35	15,000	12,900	11,400	10,300	16,700	13,800	11,800	10,500	17,900	14,500	12,200	10,700
40	13,600	12,000	10,800	9,900	15,300	12,900	11,300	10,200	16,700	13,600	11,700	10,400
45	12,500	11,200	10,200	9,600	14,100	12,100	10,700	9,900	15,500	12,900	11,200	10,100
50	11,500	10,500	9,700	9,200	13,000	11,400	10,300	9,600	14,400	12,200	10,700	9,800
55	10,700	9,900	9,300	8,900	12,100	10,800	9,900	9,300	13,500	11,600	10,400	9,600
60	9,900	9,300	8,900		11,400	10,300	9,500	9,000	12,600	11,100	10,000	9,300
65	9,200	8,900			10,700	9,800	9,100	8,900	11,900	10,600	9,700	9,100
70					10,000	9,300	8,900		11,200	10,200	9,300	8,900
75					9,300	8,900			10,700	9,700	9,100	
80									10,100	9,300	8,900	
85									9,500	9,000		
90									9,000			
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	66.4	66.3	65.0	62.5	78.0	77.9	76.4	73.5	90.2	90.0	88.3	85.1
Capacity	9,000	8,900	8,900	8,900	9,000	8,900	8,900	8,900	9,000	9,000	8,800	8,900

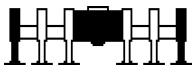
1051090

Radius (ft)	Boom Length (ft) / Fly Offset 87.3 0°	87.3 15°	87.3 30°	87.3 45°	113.4 0°	113.4 15°	113.4 30°	113.4 45°	140.3 0°	140.3 15°	140.3 30°	140.3 45°
20	23,700											
25	22,300				20,900							
30	20,900	16,300			20,800							
35	19,700	15,500	12,700		19,900	15,800			17,300			
40	18,500	14,700	12,200		19,100	15,200			17,300			
45	17,400	14,000	11,800	10,400	18,300	14,700	12,200		17,300	14,800		
50	16,600	13,400	11,400	10,200	17,600	14,100	11,900	10,400	17,300	14,400	12,100	
55	15,600	12,800	11,100	10,000	16,900	13,600	11,600	10,200	17,000	14,000	11,900	
60	14,800	12,300	10,700	9,800	16,200	13,200	11,300	10,000	15,400	13,600	11,600	10,200
65	14,100	11,900	10,500	9,600	14,600	12,800	11,000	9,900	13,100	13,300	11,400	10,100
70	13,400	11,400	10,200	9,400	12,700	12,400	10,700	9,800	11,200	12,300	11,100	10,000
75	12,100	11,000	9,900	9,200	11,100	11,900	10,500	9,600	9,600	10,600	10,900	9,900
80	10,700	10,700	9,600	9,000	9,700	10,400	10,300	9,400	8,200	9,200	10,000	9,700
85	9,500	10,000	9,400	8,900	8,400	9,100	9,700	9,200	7,000	7,900	8,600	9,200
90	8,400	8,900	9,200	8,800	7,400	8,000	8,500	8,800	5,900	6,700	7,400	7,900
95	7,500	7,900	8,100		6,400	7,000	7,400	7,700	5,000	5,700	6,300	6,800
100	6,600	7,000	7,200		5,600	6,100	6,500	6,700	4,200	4,800	5,400	5,800
105	5,900	6,100	6,300		4,800	5,300	5,600	5,800	3,400	4,000	4,500	4,900
110	5,200	5,400			4,200	4,600	4,800	5,000	2,800	3,300	3,800	4,100
115	4,700				3,600	3,900	4,100		2,200	2,700	3,100	3,300
120					3,000	3,300	3,500		1,600	2,100	2,500	2,700
125					2,500	2,800	2,900		1,200	1,600	1,900	2,000
130					2,100	2,300				1,100	1,400	1,500
135					1,700	1,800						
140					1,300							
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	42.5	43.0	43.0	43.0
Max Rad.	115.4	115.1	113.1	109.6	141.4	141.0	138.9	135.1	128.0	132.1	135.0	136.0
Capacity	4,600	4,700	4,900	5,100	1,300	1,300	1,300	1,400	0	0	0	0

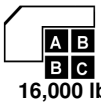
1051090

Sales use only
Not for crane operations

Rated Lifting Capacities In Pounds


Full

58ft Offset Fly



16,000 lbs

Radius (ft)	Boom Length (ft) / Fly Offset 38.3 0°	38.3 15°	38.3 30°	38.3 45°	61.7 0°	61.7 15°	61.7 30°	61.7 45°	86.0 0°	86.0 15°	86.0 30°	86.0 45°
15	16,600											
20	14,700				14,300							
25	13,000				13,400				12,400			
30	11,600	9,600			12,500				11,900			
35	10,500	8,800			11,700	9,400			11,500			
40	9,500	8,200	7,200		10,900	8,800			11,000	9,100		
45	8,700	7,600	6,700		10,100	8,300			10,600	8,700		
50	8,100	7,100	6,300	5,700	9,400	7,900	6,700		10,100	8,300		
55	7,500	6,700	6,000	5,500	8,800	7,400	6,400		9,700	7,900	6,700	
60	6,900	6,300	5,700	5,200	8,300	7,100	6,100	5,500	9,200	7,600	6,400	
65	6,500	5,900	5,400	5,100	7,800	6,700	5,900	5,300	8,800	7,300	6,200	5,500
70	6,000	5,600	5,200	4,900	7,300	6,400	5,700	5,200	8,300	7,000	6,000	5,400
75	5,700	5,300	5,000	4,800	6,900	6,100	5,500	5,100	8,000	6,700	5,800	5,200
80	5,300	5,100	4,900	4,800	6,600	5,800	5,300	5,000	7,600	6,500	5,700	5,100
85	5,000	4,900	4,800		6,200	5,600	5,200	4,900	7,200	6,200	5,500	5,000
90					5,900	5,400	5,000	4,800	6,900	6,000	5,400	5,000
95					5,600	5,200	4,900	4,800	6,600	5,800	5,200	4,900
100					5,400	5,000	4,800		6,300	5,600	5,100	4,800
105					5,100	4,900	4,700		6,100	5,500	5,000	4,800
110					4,900	4,800			5,800	5,300	4,900	4,700
115									5,600	5,200	4,800	4,700
120									5,400	5,000	4,800	
125									5,100	4,900	4,700	
130									4,700	4,800		
135									4,200	4,300		

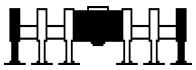
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	89.4	89.2	87.3	84.0	112.7	112.3	109.8	105.3	137.0	136.4	133.5	128.2
Capacity	4,800	4,900	4,800	4,800	4,800	4,800	4,700	4,800	4,100	4,200	4,400	4,700

1051100

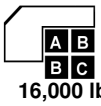
For sales us

Not for crane operations

Rated Lifting Capacities In Pounds


Full

58ft Offset Fly



16,000 lbs

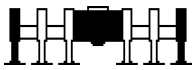
Radius (ft)	Boom Length (ft) / Fly Offset 111.2 0°	111.2 15°	111.2 30°	111.2 45°	137.2 0°	137.2 15°	137.2 30°	137.2 45°	164.1 0°	164.1 15°	164.1 30°	164.1 45°
30	10,100											
35	10,100											
40	10,100				8,600							
45	10,100				8,600							
50	10,000	8,500			8,600				7,500			
55	9,700	8,200			8,600	8,200			7,500			
60	9,500	7,900			8,600	8,000			7,500			
65	9,200	7,600	6,400		8,600	7,800			7,500	7,800		
70	8,900	7,400	6,300	5,500	8,600	7,600	6,400		7,500	7,600		
75	8,600	7,100	6,100	5,400	8,600	7,400	6,300		7,500	7,500		
80	8,300	6,900	5,900	5,300	8,600	7,200	6,100	5,400	7,500	7,300	6,300	
85	8,000	6,700	5,800	5,200	8,400	7,000	6,000	5,300	7,500	7,200	6,100	
90	7,700	6,500	5,700	5,100	8,200	6,800	5,900	5,200	7,100	7,000	6,000	5,300
95	7,400	6,300	5,500	5,000	7,500	6,700	5,700	5,100	6,100	6,900	5,900	5,200
100	7,200	6,100	5,400	5,000	6,600	6,500	5,600	5,100	5,300	6,400	5,800	5,200
105	6,800	5,900	5,300	4,900	5,800	6,300	5,500	5,000	4,500	5,600	5,700	5,100
110	6,100	5,800	5,200	4,900	5,100	5,900	5,400	5,000	3,900	4,800	5,600	5,100
115	5,500	5,600	5,100	4,800	4,500	5,200	5,300	4,900	3,200	4,100	4,900	5,000
120	5,000	5,500	5,000	4,800	4,000	4,600	5,200	4,900	2,700	3,500	4,200	4,800
125	4,400	4,900	4,900	4,700	3,500	4,100	4,600	4,800	2,200	3,000	3,600	4,100
130	4,000	4,400	4,700	4,700	3,000	3,600	4,000	4,300	1,700	2,500	3,100	3,500
135	3,600	3,900	4,200	4,300	2,600	3,100	3,500	3,800	1,300	2,000	2,600	3,000
140	3,200	3,500	3,700		2,200	2,700	3,000	3,300	900	1,600	2,100	2,400
145	2,800	3,100	3,200		1,800	2,200	2,600	2,800		1,200	1,600	2,000
150	2,500	2,700	2,800		1,500	1,900	2,200	2,300			1,200	1,500
155	2,200	2,300			1,200	1,500	1,800	1,900				1,100
160	1,900	2,000			900	1,200	1,400					
165						900	1,100					

Min Angle	0.0	0.0	0.0	0.0	34.0	35.0	35.5	34.5	52.0	53.0	53.5	53.5
Max Rad.	162.2	161.5	158.1	152.4	160.8	165.8	168.1	168.1	140.8	149.4	154.4	158.1
Capacity	1,800	1,900	2,000	2,200	0	0	0	0	0	0	0	0

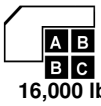
1051100

Not for crane operations

Rated Lifting Capacities In Pounds


Full

58ft Offset Fly



16,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	38.3				50.0				74.3			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
15	16,600				16,300							
20	14,700				14,900							
25	13,000				13,600				13,500			
30	11,600	9,600			12,400	9,900			12,700			
35	10,500	8,800			11,300	9,200			12,000			
40	9,500	8,200	7,200		10,300	8,600			11,400	9,100		
45	8,700	7,600	6,700		9,500	8,000	6,900		10,700	8,600		
50	8,100	7,100	6,300	5,700	8,800	7,600	6,600		10,100	8,200	6,900	
55	7,500	6,700	6,000	5,500	8,200	7,100	6,200	5,600	9,500	7,800	6,600	
60	6,900	6,300	5,700	5,200	7,700	6,700	5,900	5,400	8,900	7,400	6,300	5,600
65	6,500	5,900	5,400	5,100	7,200	6,300	5,700	5,200	8,400	7,100	6,100	5,400
70	6,000	5,600	5,200	4,900	6,700	6,000	5,500	5,100	8,000	6,800	5,900	5,300
75	5,700	5,300	5,000	4,800	6,300	5,700	5,300	4,900	7,500	6,500	5,700	5,200
80	5,300	5,100	4,900	4,800	6,000	5,500	5,100	4,900	7,200	6,200	5,500	5,100
85	5,000	4,900	4,800		5,600	5,300	5,000	4,800	6,800	6,000	5,300	5,000
90					5,300	5,100	4,800		6,500	5,700	5,200	4,900
95					5,100	4,900	4,700		6,200	5,500	5,100	4,800
100					4,900	4,800			5,900	5,300	5,000	4,800
105									5,600	5,200	4,900	4,800
110									5,400	5,000	4,800	
115									5,200	4,900	4,700	
120									5,000	4,800		
125									4,800			

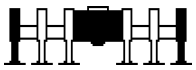
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	89.4	89.2	87.3	84.0	101.0	100.7	98.5	94.5	125.4	124.8	122.0	117.1
Capacity	4,800	4,900	4,800	4,800	4,800	4,800	4,700	4,800	4,800	4,800	4,700	4,800

1051110

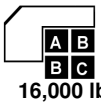
For sales us

Not for crane operations

Rated Lifting Capacities In Pounds


Full

58ft Offset Fly



16,000 lbs

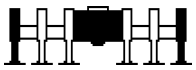
Radius (ft)	Boom Length (ft)											
	Fly Offset											
	99.5				125.5				152.4			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
30	12,300											
35	11,800				10,800							
40	11,400				10,800							
45	11,000	8,900			10,700				9,200			
50	10,600	8,600			10,500	8,700			9,200			
55	10,200	8,200	6,800		10,200	8,400			9,200			
60	9,800	7,900	6,600		9,900	8,200			9,200	8,300		
65	9,300	7,600	6,400	5,600	9,600	7,900	6,600		9,200	8,100		
70	8,900	7,300	6,200	5,400	9,400	7,700	6,400		9,200	7,900		
75	8,500	7,000	6,000	5,300	9,100	7,400	6,200	5,400	9,200	7,600	6,400	
80	8,100	6,800	5,800	5,200	8,800	7,200	6,100	5,300	9,000	7,500	6,300	5,400
85	7,800	6,500	5,700	5,100	8,500	7,000	5,900	5,300	7,900	7,300	6,100	5,400
90	7,500	6,300	5,500	5,000	8,200	6,800	5,800	5,200	6,900	7,100	6,000	5,300
95	7,100	6,100	5,400	5,000	7,300	6,600	5,700	5,100	5,900	6,900	5,900	5,200
100	6,900	5,900	5,300	4,900	6,400	6,400	5,600	5,000	5,100	6,200	5,800	5,100
105	6,600	5,700	5,200	4,900	5,700	6,200	5,400	5,000	4,300	5,300	5,700	5,100
110	6,000	5,600	5,100	4,800	5,000	5,700	5,300	4,900	3,600	4,600	5,400	5,000
115	5,400	5,400	5,000	4,800	4,400	5,100	5,200	4,900	3,000	3,900	4,700	5,000
120	4,800	5,300	4,900	4,700	3,800	4,400	5,000	4,800	2,500	3,300	4,000	4,600
125	4,300	4,700	4,800	4,700	3,300	3,900	4,400	4,700	2,000	2,700	3,400	3,900
130	3,900	4,200	4,500		2,800	3,400	3,800	4,100	1,500	2,200	2,800	3,300
135	3,400	3,700	3,900		2,400	2,900	3,300	3,500	1,100	1,800	2,300	2,700
140	3,100	3,300	3,400		2,000	2,500	2,800	3,000		1,300	1,800	2,200
145	2,700	2,900			1,700	2,100	2,300	2,500		900	1,400	1,700
150	2,400				1,300	1,700	1,900				1,000	1,200
155					1,000	1,300	1,500					
160						1,000	1,100					

Min Angle	0.0	0.0	0.0	0.0	29.0	29.5	29.5	29.0	50.5	50.5	51.0	51.5
Max Rad.	150.5	149.8	146.7	141.1	157.5	162.5	164.2	161.3	137.3	145.8	151.9	154.4
Capacity	2,400	2,400	2,600	2,800	0	0	0	0	0	0	0	0

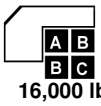
1051110

For sale/rent
Not for crane operations

Rated Lifting Capacities In Pounds


Full

58ft Offset Fly



16,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	38.3				50.0				62.1			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
15	16,600				16,300							
20	14,700				14,900				14,800			
25	13,000				13,600				13,800			
30	11,600	9,600			12,400	9,900			12,800			
35	10,500	8,800			11,300	9,200			11,900	9,500		
40	9,500	8,200	7,200		10,300	8,600			11,000	8,900		
45	8,700	7,600	6,700		9,500	8,000	6,900		10,200	8,400	7,100	
50	8,100	7,100	6,300	5,700	8,800	7,600	6,600		9,500	7,900	6,700	
55	7,500	6,700	6,000	5,500	8,200	7,100	6,200	5,600	8,900	7,500	6,400	5,700
60	6,900	6,300	5,700	5,200	7,700	6,700	5,900	5,400	8,400	7,100	6,200	5,500
65	6,500	5,900	5,400	5,100	7,200	6,300	5,700	5,200	7,900	6,700	5,900	5,300
70	6,000	5,600	5,200	4,900	6,700	6,000	5,500	5,100	7,400	6,400	5,700	5,200
75	5,700	5,300	5,000	4,800	6,300	5,700	5,300	4,900	7,000	6,100	5,500	5,100
80	5,300	5,100	4,900	4,800	6,000	5,500	5,100	4,900	6,600	5,900	5,300	5,000
85	5,000	4,900	4,800		5,600	5,300	5,000	4,800	6,200	5,600	5,200	4,900
90					5,300	5,100	4,800		5,900	5,400	5,000	4,800
95					5,100	4,900	4,700		5,600	5,200	4,900	4,800
100					4,900	4,800			5,400	5,100	4,800	
105									5,100	4,900	4,700	
110									4,900	4,800		

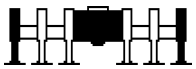
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	89.4	89.2	87.3	84.0	101.0	100.7	98.5	94.5	113.2	112.7	110.2	105.7
Capacity	4,800	4,900	4,800	4,800	4,800	4,800	4,700	4,800	4,800	4,800	4,700	4,800

1051120

For sales us

Not for crane operations

Rated Lifting Capacities In Pounds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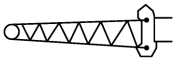
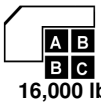

58ft Offset Fly



16,000 lbs

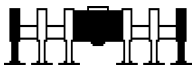
Radius (ft)	Boom Length (ft)											
	Fly Offset											
	87.3				113.4				140.3			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
25	13,600											
30	12,900				12,500							
35	12,300				12,100							
40	11,700	9,400			11,700				11,000			
45	11,200	8,900			11,300	9,200			11,000			
50	10,600	8,500			10,900	8,800			10,800			
55	10,100	8,100	6,700		10,500	8,500			10,500	8,700		
60	9,500	7,700	6,500		10,200	8,100	6,700		10,300	8,400		
65	9,000	7,400	6,300	5,500	9,800	7,900	6,500		10,000	8,100		
70	8,600	7,100	6,100	5,400	9,400	7,600	6,300	5,500	9,700	7,900	6,500	
75	8,100	6,800	5,900	5,200	9,000	7,300	6,200	5,400	9,500	7,700	6,400	
80	7,700	6,500	5,700	5,100	8,600	7,100	6,000	5,300	9,100	7,400	6,200	5,400
85	7,400	6,300	5,500	5,000	8,300	6,800	5,800	5,200	7,800	7,200	6,100	5,300
90	7,000	6,100	5,400	5,000	8,000	6,600	5,700	5,100	6,700	7,000	5,900	5,200
95	6,700	5,900	5,300	4,900	7,200	6,400	5,600	5,000	5,800	6,800	5,800	5,200
100	6,400	5,700	5,100	4,800	6,400	6,200	5,400	5,000	5,000	6,000	5,700	5,100
105	6,200	5,500	5,000	4,800	5,600	6,000	5,300	4,900	4,200	5,200	5,600	5,000
110	5,900	5,300	4,900	4,800	4,900	5,700	5,200	4,900	3,500	4,500	5,300	5,000
115	5,400	5,200	4,900	4,700	4,300	5,000	5,100	4,800	2,900	3,800	4,500	4,900
120	4,900	5,100	4,800		3,800	4,400	4,900	4,800	2,400	3,200	3,900	4,400
125	4,400	4,700	4,700		3,300	3,800	4,300	4,500	1,900	2,600	3,300	3,700
130	3,900	4,200			2,800	3,300	3,700	3,900	1,400	2,100	2,700	3,100
135	3,500	3,600			2,400	2,800	3,100	3,300	1,000	1,600	2,200	2,500
140					2,000	2,400	2,600			1,200	1,700	2,000
145					1,600	2,000	2,200				1,200	1,500
150					1,300	1,600	1,700					1,000
155					1,000	1,200						

Min Angle	0.0	0.0	0.0	0.0	18.5	19.0	14.5	6.5	47.0	47.5	48.0	48.0
Max Rad.	138.4	137.7	134.8	129.5	157.5	160.0	157.7	149.3	136.4	144.4	149.4	151.5
Capacity	3,300	3,400	3,600	3,900	0	0	0	0	0	0	0	0

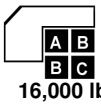
1051120

For SALES
Not for crane operations

Rated Lifting Capacities In Pounds


Full

74ft Offset Fly



16,000 lbs

Radius (ft)	Boom Length (ft) / Fly Offset 38.3 0°	38.3 15°	38.3 30°	38.3 45°	61.7 0°	61.7 15°	61.7 30°	61.7 45°	86.0 0°	86.0 15°	86.0 30°	86.0 45°
20	9,600											
25	8,700				8,900							
30	7,900	7,100			8,300				8,200			
35	7,200	6,500			7,800				7,800			
40	6,600	6,000			7,200	6,300			7,500			
45	6,100	5,500	5,200		6,800	5,900			7,100	6,100		
50	5,600	5,200	4,800		6,300	5,600	5,100		6,800	5,900		
55	5,200	4,800	4,500	4,300	6,000	5,300	4,800		6,400	5,600		
60	4,900	4,500	4,200	4,100	5,600	5,000	4,600	4,300	6,100	5,300	4,800	
65	4,500	4,200	4,000	3,800	5,300	4,700	4,300	4,100	5,800	5,100	4,600	
70	4,200	4,000	3,800	3,600	5,000	4,500	4,100	3,900	5,500	4,900	4,400	4,100
75	4,000	3,700	3,600	3,500	4,700	4,300	3,900	3,700	5,300	4,700	4,200	3,900
80	3,800	3,500	3,400	3,300	4,500	4,100	3,800	3,600	5,000	4,500	4,100	3,800
85	3,500	3,400	3,200	3,200	4,200	3,900	3,600	3,500	4,800	4,300	3,900	3,700
90	3,400	3,200	3,100	3,100	4,000	3,700	3,500	3,300	4,600	4,100	3,800	3,600
95	3,200	3,100	3,000		3,800	3,500	3,300	3,200	4,400	3,900	3,600	3,400
100	3,100	3,000			3,600	3,400	3,200	3,100	4,200	3,800	3,500	3,300
105	3,000				3,500	3,300	3,100	3,100	4,000	3,700	3,400	3,300
110					3,300	3,100	3,000	3,000	3,900	3,500	3,300	3,200
115					3,200	3,000	3,000		3,700	3,400	3,200	3,100
120					3,100	3,000	2,900		3,600	3,300	3,100	3,100
125					3,000	2,900			3,500	3,200	3,000	3,000
130									3,300	3,100	3,000	
135									3,200	3,000	2,900	
140									3,100	3,000	2,900	
145									3,000	2,900		
150									3,000	2,900		

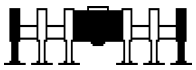
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	105.4	105.0	102.7	98.5	128.7	128.2	125.3	120.3	153.0	152.3	149.1	143.5
Capacity	3,000	3,000	2,900	3,000	3,000	2,900	2,900	3,000	2,900	2,900	2,900	3,000

1051130

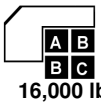
For sales us

Not for crane operations

Rated Lifting Capacities In Pounds


Full

74ft Offset Fly



16,000 lbs

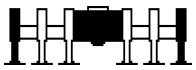
Radius (ft)	Boom Length (ft)											
	Fly Offset											
	111.2				137.2				164.1			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
35	7,000											
40	7,000				6,000							
45	7,000				6,000							
50	6,900				6,000				5,300			
55	6,700	5,700			6,000				5,300			
60	6,400	5,500			6,000	5,600			5,300			
65	6,200	5,300	4,700		6,000	5,400			5,300			
70	5,900	5,100	4,600		6,000	5,300			5,300	5,300		
75	5,700	4,900	4,400	4,000	5,900	5,100	4,500		5,300	5,200		
80	5,500	4,800	4,300	3,900	5,800	5,000	4,400	4,000	5,300	5,100		
85	5,300	4,600	4,100	3,800	5,600	4,800	4,300	3,900	5,300	5,000	4,400	
90	5,100	4,400	4,000	3,700	5,400	4,700	4,200	3,800	5,300	4,800	4,300	3,900
95	4,900	4,300	3,900	3,600	5,200	4,500	4,000	3,700	5,300	4,700	4,200	3,800
100	4,700	4,100	3,800	3,500	5,100	4,400	3,900	3,600	5,200	4,600	4,100	3,800
105	4,500	4,000	3,600	3,400	4,900	4,300	3,800	3,600	4,400	4,500	4,000	3,700
110	4,400	3,900	3,500	3,400	4,800	4,100	3,700	3,500	3,800	4,400	3,900	3,600
115	4,200	3,700	3,400	3,300	4,400	4,000	3,600	3,400	3,100	4,100	3,800	3,500
120	4,100	3,600	3,400	3,200	3,900	3,900	3,600	3,300	2,600	3,500	3,700	3,500
125	3,900	3,500	3,300	3,100	3,300	3,800	3,500	3,300	2,100	2,900	3,600	3,400
130	3,800	3,400	3,200	3,100	2,900	3,500	3,400	3,200	1,600	2,400	3,100	3,300
135	3,400	3,300	3,100	3,000	2,400	3,000	3,300	3,200	1,200	1,900	2,500	3,000
140	3,000	3,200	3,100	3,000	2,000	2,600	3,000	3,100		1,500	2,100	2,500
145	2,700	3,000	3,000	3,000	1,700	2,200	2,600	2,800		1,100	1,600	2,000
150	2,300	2,700	2,900		1,300	1,800	2,200	2,400			1,200	1,500
155	2,000	2,300	2,500		1,000	1,500	1,800	2,000				1,100
160	1,700	2,000	2,100			1,100	1,400	1,600				
165	1,500	1,700	1,700				1,100	1,200				
170	1,200	1,400										
175	1,000	1,100										

Min Angle	0.0	0.0	0.0	0.0	43.0	44.0	43.5	44.0	57.0	57.5	57.5	58.0
Max Rad.	178.2	177.4	173.9	167.9	157.5	164.2	169.2	169.4	138.9	147.9	154.4	158.1
Capacity	900	900	1,000	1,100	0	0	0	0	0	0	0	0

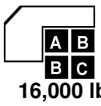
1051130

Not for crane operations

Rated Lifting Capacities In Pounds


Full

74ft Offset Fly



16,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	38.3				50.0				74.3			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
20	9,600				9,800							
25	8,700				8,900				9,100			
30	7,900	7,100			8,200				8,500			
35	7,200	6,500			7,600	6,700			8,000			
40	6,600	6,000			7,000	6,200			7,500	6,500		
45	6,100	5,500	5,200		6,500	5,800			7,100	6,100		
50	5,600	5,200	4,800		6,000	5,400	5,000		6,700	5,800		
55	5,200	4,800	4,500	4,300	5,600	5,100	4,700		6,300	5,500	4,900	
60	4,900	4,500	4,200	4,100	5,300	4,800	4,400	4,200	6,000	5,200	4,700	
65	4,500	4,200	4,000	3,800	4,900	4,500	4,200	4,000	5,600	5,000	4,500	4,200
70	4,200	4,000	3,800	3,600	4,600	4,200	4,000	3,800	5,300	4,700	4,300	4,000
75	4,000	3,700	3,600	3,500	4,400	4,000	3,800	3,600	5,100	4,500	4,100	3,800
80	3,800	3,500	3,400	3,300	4,100	3,800	3,600	3,500	4,800	4,300	3,900	3,700
85	3,500	3,400	3,200	3,200	3,900	3,600	3,400	3,300	4,600	4,100	3,800	3,600
90	3,400	3,200	3,100	3,100	3,700	3,500	3,300	3,200	4,400	3,900	3,600	3,500
95	3,200	3,100	3,000		3,500	3,300	3,200	3,100	4,100	3,800	3,500	3,400
100	3,100	3,000			3,400	3,200	3,100	3,000	4,000	3,600	3,400	3,300
105	3,000				3,200	3,100	3,000		3,800	3,500	3,300	3,200
110					3,100	3,000	2,900		3,600	3,400	3,200	3,100
115					3,000	2,900			3,500	3,200	3,100	3,000
120									3,400	3,100	3,000	
125									3,200	3,000	3,000	
130									3,100	3,000	2,900	
135									3,000	2,900		
140									3,000	2,900		

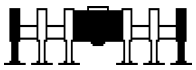
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	105.4	105.0	102.7	98.5	117.0	116.6	114.0	109.3	141.4	140.7	137.7	132.3
Capacity	3,000	3,000	2,900	3,000	3,000	2,900	2,900	3,000	3,000	2,900	2,900	3,000

1051140

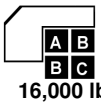
For sales us

Not for crane operations

Rated Lifting Capacities In Pounds


Full

74ft Offset Fly



16,000 lbs

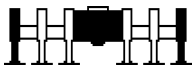
Radius (ft)	Boom Length (ft)											
	Fly Offset											
	99.5				125.5				152.4			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
30	8,500											
35	8,100											
40	7,800				7,500							
45	7,400				7,500							
50	7,100	6,000			7,200				6,500			
55	6,800	5,800			7,000	5,900			6,500			
60	6,400	5,500	4,900		6,700	5,700			6,500			
65	6,200	5,300	4,700		6,500	5,500			6,500	5,600		
70	5,900	5,100	4,500	4,100	6,300	5,300	4,700		6,400	5,500		
75	5,600	4,900	4,400	4,000	6,000	5,100	4,500	4,100	6,200	5,300	4,700	
80	5,400	4,700	4,200	3,900	5,800	5,000	4,400	4,000	6,100	5,200	4,500	
85	5,100	4,500	4,000	3,800	5,600	4,800	4,300	3,900	5,900	5,000	4,400	4,000
90	4,900	4,300	3,900	3,700	5,400	4,600	4,100	3,800	5,700	4,900	4,300	3,900
95	4,700	4,200	3,800	3,600	5,200	4,500	4,000	3,700	5,500	4,700	4,200	3,800
100	4,500	4,000	3,700	3,500	5,000	4,300	3,900	3,600	5,000	4,600	4,100	3,700
105	4,300	3,900	3,600	3,400	4,800	4,200	3,800	3,500	4,300	4,500	4,000	3,600
110	4,200	3,700	3,400	3,300	4,700	4,100	3,700	3,400	3,600	4,300	3,900	3,600
115	4,000	3,600	3,400	3,200	4,300	3,900	3,600	3,400	3,000	3,900	3,800	3,500
120	3,900	3,500	3,300	3,100	3,800	3,800	3,500	3,300	2,400	3,300	3,700	3,400
125	3,700	3,400	3,200	3,100	3,200	3,700	3,400	3,200	1,900	2,700	3,400	3,400
130	3,600	3,300	3,100	3,000	2,800	3,400	3,300	3,200	1,500	2,200	2,900	3,300
135	3,400	3,200	3,000	3,000	2,300	2,900	3,200	3,100	1,000	1,800	2,400	2,800
140	3,000	3,100	3,000		1,900	2,500	2,900	3,100		1,300	1,900	2,300
145	2,600	2,900	2,900		1,600	2,000	2,400	2,600		900	1,400	1,800
150	2,300	2,500	2,700		1,200	1,700	2,000	2,200			1,000	1,300
155	2,000	2,200	2,300		900	1,300	1,600	1,700				900
160	1,700	1,800				1,000	1,200					
165	1,500						900					

Min Angle	0.0	0.0	0.0	0.0	39.0	39.5	39.5	40.0	55.0	55.0	55.5	56.0
Max Rad.	166.5	165.7	162.4	156.5	155.8	162.5	165.8	165.6	136.4	145.6	151.9	155.6
Capacity	1,400	1,400	1,500	1,700	0	0	0	0	0	0	0	0

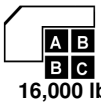
1051140

Not for crane operations

Rated Lifting Capacities In Pounds


Full

74ft Offset Fly



16,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	38.3				50.0				62.1			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
20	9,600				9,800							
25	8,700				8,900				9,100			
30	7,900				8,200				8,500			
35	7,200	6,500			7,600	6,700			7,900			
40	6,600	6,000			7,000	6,200			7,300	6,400		
45	6,100	5,500	5,200		6,500	5,800			6,900	6,000		
50	5,600	5,200	4,800		6,000	5,400	5,000		6,400	5,600	5,100	
55	5,200	4,800	4,500	4,300	5,600	5,100	4,700		6,000	5,300	4,800	
60	4,900	4,500	4,200	4,100	5,300	4,800	4,400	4,200	5,600	5,000	4,600	4,300
65	4,500	4,200	4,000	3,800	4,900	4,500	4,200	4,000	5,300	4,800	4,400	4,100
70	4,200	4,000	3,800	3,600	4,600	4,200	4,000	3,800	5,000	4,500	4,200	3,900
75	4,000	3,700	3,600	3,500	4,400	4,000	3,800	3,600	4,700	4,300	4,000	3,700
80	3,800	3,500	3,400	3,300	4,100	3,800	3,600	3,500	4,500	4,100	3,800	3,600
85	3,500	3,400	3,200	3,200	3,900	3,600	3,400	3,300	4,200	3,900	3,600	3,500
90	3,400	3,200	3,100	3,100	3,700	3,500	3,300	3,200	4,000	3,700	3,500	3,300
95	3,200	3,100	3,000		3,500	3,300	3,200	3,100	3,800	3,600	3,400	3,200
100	3,100	3,000			3,400	3,200	3,100	3,000	3,700	3,400	3,200	3,200
105	3,000				3,200	3,100	3,000		3,500	3,300	3,100	3,100
110					3,100	3,000	2,900		3,400	3,200	3,000	
115					3,000	2,900			3,200	3,000	3,000	
120									3,100	3,000	2,900	
125									3,000	2,900		

Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	105.4	105.0	102.7	98.5	117.0	116.6	114.0	109.3	129.2	128.6	125.8	120.8
Capacity	3,000	3,000	2,900	3,000	3,000	2,900	2,900	3,000	3,000	2,900	2,900	3,000

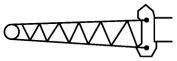
1051150

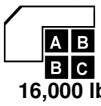
For sales us

Not for crane operations

Rated Lifting Capacities In Pounds

Full


74ft Offset Fly



16,000 lbs

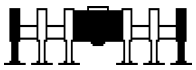
Radius (ft)	Boom Length (ft)											
	Fly Offset											
	87.3				113.4				140.3			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
30	8,700											
35	8,300				8,400							
40	7,800				8,000							
45	7,400	6,300			7,700				7,700			
50	7,000	6,000			7,400	6,200			7,500			
55	6,600	5,700	5,100		7,000	5,900			7,200			
60	6,300	5,400	4,800		6,700	5,700			7,000	5,900		
65	6,000	5,200	4,600	4,200	6,500	5,500	4,800		6,700	5,700		
70	5,700	4,900	4,400	4,100	6,200	5,300	4,600		6,500	5,500		
75	5,400	4,700	4,300	3,900	5,900	5,100	4,500	4,100	6,300	5,300	4,600	
80	5,100	4,500	4,100	3,800	5,700	4,900	4,300	4,000	6,100	5,100	4,500	4,100
85	4,900	4,300	3,900	3,700	5,400	4,700	4,200	3,900	5,900	5,000	4,400	4,000
90	4,700	4,200	3,800	3,600	5,200	4,500	4,000	3,700	5,700	4,800	4,200	3,900
95	4,500	4,000	3,700	3,500	5,000	4,400	3,900	3,600	5,500	4,700	4,100	3,800
100	4,300	3,800	3,500	3,400	4,800	4,200	3,800	3,500	5,000	4,500	4,000	3,700
105	4,100	3,700	3,400	3,300	4,600	4,100	3,700	3,500	4,200	4,400	3,900	3,600
110	3,900	3,600	3,300	3,200	4,500	3,900	3,600	3,400	3,500	4,200	3,800	3,500
115	3,800	3,400	3,200	3,100	4,300	3,800	3,500	3,300	2,900	3,900	3,700	3,400
120	3,600	3,300	3,100	3,100	3,800	3,700	3,400	3,200	2,400	3,200	3,600	3,400
125	3,500	3,200	3,100	3,000	3,300	3,600	3,300	3,200	1,900	2,700	3,400	3,300
130	3,400	3,100	3,000		2,800	3,400	3,200	3,100	1,400	2,200	2,800	3,200
135	3,300	3,000	2,900		2,400	2,900	3,200	3,100	1,000	1,700	2,300	2,700
140	3,100	3,000	2,900		2,000	2,400	2,800	3,000		1,200	1,800	2,100
145	2,700	2,900			1,600	2,000	2,300	2,500			1,300	1,600
150	2,400	2,500			1,300	1,600	1,900				900	1,200
155					1,000	1,300	1,500					
160						1,000	1,100					

Min Angle	0.0	0.0	0.0	0.0	31.5	32.5	32.5	32.5	51.5	52.5	52.5	52.5
Max Rad.	154.4	153.6	150.4	144.8	157.5	161.9	164.2	162.5	135.8	144.4	150.6	153.5
Capacity	2,200	2,200	2,400	2,600	0	0	0	0	0	0	0	0

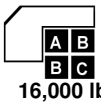
1051150

For sale
Not for crane operations

Rated Lifting Capacities In Pounds


Full

90ft Offset Fly



16,000 lbs

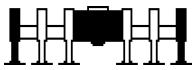
Radius (ft)	Boom Length (ft) / Fly Offset											
	38.3				61.7				86.0			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
20	8,300											
25	7,500											
30	6,800				6,900							
35	6,100	5,800			6,500				6,300			
40	5,600	5,300			6,000				6,100			
45	5,100	4,900			5,600	5,100			5,800			
50	4,700	4,500	4,300		5,200	4,800			5,500	5,000		
55	4,300	4,100	4,000		4,900	4,500	4,200		5,200	4,700		
60	4,000	3,800	3,700	3,600	4,600	4,200	4,000		4,900	4,500		
65	3,700	3,500	3,400	3,400	4,300	4,000	3,700	3,600	4,700	4,200	3,900	
70	3,400	3,300	3,200	3,200	4,000	3,700	3,500	3,400	4,400	4,000	3,800	3,600
75	3,200	3,100	3,000	3,000	3,800	3,500	3,300	3,200	4,200	3,800	3,600	3,400
80	2,900	2,800	2,800	2,800	3,500	3,300	3,100	3,000	4,000	3,600	3,400	3,200
85	2,700	2,700	2,600	2,600	3,300	3,100	3,000	2,900	3,800	3,500	3,200	3,100
90	2,600	2,500	2,400	2,400	3,100	2,900	2,800	2,700	3,600	3,300	3,100	3,000
95	2,400	2,300	2,300	2,300	2,900	2,800	2,700	2,600	3,400	3,100	2,900	2,800
100	2,200	2,200	2,200	2,200	2,800	2,600	2,500	2,500	3,200	3,000	2,800	2,700
105	2,100	2,100	2,000		2,600	2,500	2,400	2,400	3,100	2,800	2,700	2,600
110	2,000	1,900	1,900		2,500	2,300	2,300	2,200	2,900	2,700	2,600	2,500
115	1,900	1,800			2,300	2,200	2,200	2,200	2,800	2,600	2,500	2,400
120	1,800	1,800			2,200	2,100	2,100	2,100	2,600	2,500	2,400	2,300
125					2,100	2,000	2,000		2,500	2,400	2,300	2,200
130					2,000	1,900	1,900		2,400	2,300	2,200	2,100
135					1,900	1,800	1,800		2,300	2,200	2,100	2,100
140					1,800	1,800			2,200	2,100	2,000	2,000
145									2,100	2,000	1,900	
150									2,000	1,900	1,900	
155									1,900	1,900	1,800	
160									1,900	1,800		
165									1,800	1,800		

Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	121.4	120.8	118.2	113.4	144.7	144.1	141.0	135.6	169.0	168.3	164.9	159.0
Capacity	1,700	1,800	1,800	2,000	1,700	1,800	1,800	1,900	1,700	1,800	1,800	1,900

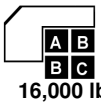
1051160

Not for crane operations

Rated Lifting Capacities In Pounds


Full

90ft Offset Fly



16,000 lbs

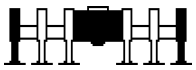
Radius (ft)	Boom Length (ft)											
	Fly Offset											
	111.2				137.2				164.1			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
40	5,200											
45	5,200				4,500							
50	5,200				4,500							
55	5,200	4,800			4,500							
60	5,100	4,600			4,500				4,000			
65	4,900	4,400			4,500	4,500			4,000			
70	4,700	4,200	3,900		4,500	4,300			4,000			
75	4,500	4,100	3,700		4,500	4,200			4,000			
80	4,300	3,900	3,600	3,400	4,500	4,100	3,700		4,000	4,100		
85	4,200	3,700	3,400	3,300	4,400	3,900	3,600		4,000	4,000		
90	4,000	3,600	3,300	3,100	4,200	3,800	3,500	3,300	4,000	3,900		
95	3,800	3,400	3,200	3,000	4,100	3,600	3,400	3,200	4,000	3,800	3,500	
100	3,600	3,300	3,000	2,900	3,900	3,500	3,200	3,100	4,000	3,700	3,400	3,200
105	3,500	3,200	2,900	2,800	3,800	3,400	3,100	3,000	4,000	3,600	3,300	3,100
110	3,300	3,000	2,800	2,700	3,700	3,300	3,000	2,900	3,800	3,500	3,200	3,000
115	3,200	2,900	2,700	2,600	3,500	3,200	2,900	2,800	3,200	3,400	3,100	2,900
120	3,000	2,800	2,600	2,500	3,400	3,000	2,800	2,700	2,600	3,300	3,000	2,800
125	2,900	2,700	2,500	2,400	3,300	2,900	2,700	2,600	2,100	2,900	2,900	2,700
130	2,800	2,600	2,400	2,400	2,900	2,800	2,600	2,500	1,600	2,400	2,800	2,700
135	2,700	2,500	2,300	2,300	2,400	2,700	2,600	2,500	1,200	2,000	2,600	2,600
140	2,600	2,400	2,300	2,200	2,000	2,600	2,500	2,400		1,500	2,100	2,500
145	2,500	2,300	2,200	2,100	1,700	2,200	2,400	2,300		1,100	1,700	2,100
150	2,300	2,200	2,100	2,100	1,300	1,800	2,200	2,300			1,300	1,600
155	2,000	2,100	2,000	2,000	1,000	1,500	1,800	2,100			900	1,200
160	1,700	2,000	2,000	2,000		1,100	1,500	1,700				
165	1,400	1,700	1,900				1,200	1,300				
170	1,200	1,400	1,600					1,000				
175	900	1,100	1,200									
180		900	900									

Min Angle	29.5	29.5	30.5	13.5	48.5	50.0	50.0	49.5	60.0	61.0	61.5	61.5
Max Rad.	176.3	180.8	180.8	178.9	157.5	164.2	169.4	171.9	139.4	148.1	155.6	159.4
Capacity	0	0	0	0	0	0	0	0	0	0	0	0

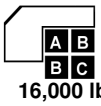
1051160

Not for crane operations

Rated Lifting Capacities In Pounds


Full

90ft Offset Fly



16,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	38.3				50.0				74.3			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
20	8,300											
25	7,500				7,600							
30	6,800				6,900				7,000			
35	6,100	5,800			6,400				6,600			
40	5,600	5,300			5,900	5,400			6,200			
45	5,100	4,900			5,400	5,000			5,800	5,300		
50	4,700	4,500	4,300		5,000	4,700	4,400		5,500	5,000		
55	4,300	4,100	4,000		4,700	4,300	4,100		5,200	4,700		
60	4,000	3,800	3,700	3,600	4,300	4,000	3,900	3,700	4,800	4,400	4,100	
65	3,700	3,500	3,400	3,400	4,000	3,800	3,600	3,500	4,600	4,200	3,900	
70	3,400	3,300	3,200	3,200	3,700	3,500	3,400	3,300	4,300	3,900	3,700	3,500
75	3,200	3,100	3,000	3,000	3,500	3,300	3,200	3,100	4,000	3,700	3,500	3,300
80	2,900	2,800	2,800	2,800	3,200	3,100	3,000	2,900	3,800	3,500	3,300	3,200
85	2,700	2,700	2,600	2,600	3,000	2,900	2,800	2,800	3,600	3,300	3,100	3,000
90	2,600	2,500	2,400	2,400	2,800	2,700	2,600	2,600	3,400	3,100	3,000	2,900
95	2,400	2,300	2,300	2,300	2,700	2,600	2,500	2,500	3,200	3,000	2,800	2,700
100	2,200	2,200	2,200	2,200	2,500	2,400	2,400	2,300	3,000	2,800	2,700	2,600
105	2,100	2,100	2,000		2,400	2,300	2,200	2,200	2,900	2,700	2,600	2,500
110	2,000	1,900	1,900		2,200	2,100	2,100	2,100	2,700	2,500	2,400	2,400
115	1,900	1,800			2,100	2,000	2,000		2,600	2,400	2,300	2,300
120	1,800	1,800			2,000	1,900	1,900		2,400	2,300	2,200	2,200
125					1,900	1,800			2,300	2,200	2,100	2,100
130					1,800	1,800			2,200	2,100	2,000	2,000
135									2,100	2,000	2,000	
140									2,000	1,900	1,900	
145									1,900	1,900	1,800	
150									1,900	1,800		
155									1,800	1,800		

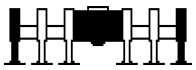
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	121.4	120.8	118.2	113.4	133.0	132.4	129.5	124.4	157.4	156.6	153.4	147.7
Capacity	1,700	1,800	1,800	2,000	1,700	1,800	1,800	1,900	1,700	1,800	1,800	1,900

1051170

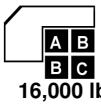
For sales us

Not for crane operations

Rated Lifting Capacities In Pounds


Full

90ft Offset Fly



16,000 lbs

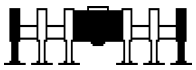
Radius (ft)	Boom Length (ft)											
	Fly Offset											
	99.5				125.5				152.4			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
35	6,500											
40	6,300											
45	6,000				5,600							
50	5,700	5,100			5,600				4,900			
55	5,500	4,900			5,600				4,900			
60	5,200	4,700			5,400	4,800			4,900			
65	5,000	4,400	4,100		5,200	4,600			4,900			
70	4,700	4,200	3,900		5,000	4,400			4,900	4,500		
75	4,500	4,000	3,700	3,500	4,800	4,200	3,900		4,900	4,400		
80	4,300	3,800	3,500	3,300	4,600	4,100	3,700	3,500	4,800	4,200	3,800	
85	4,100	3,700	3,400	3,200	4,400	3,900	3,600	3,400	4,600	4,100	3,700	
90	3,900	3,500	3,200	3,100	4,200	3,800	3,400	3,200	4,500	4,000	3,600	3,400
95	3,700	3,300	3,100	3,000	4,100	3,600	3,300	3,100	4,300	3,800	3,500	3,200
100	3,500	3,200	3,000	2,800	3,900	3,500	3,200	3,000	4,200	3,700	3,400	3,100
105	3,300	3,000	2,800	2,700	3,700	3,300	3,100	2,900	4,000	3,600	3,200	3,000
110	3,200	2,900	2,700	2,600	3,600	3,200	3,000	2,800	3,700	3,400	3,100	3,000
115	3,000	2,800	2,600	2,500	3,400	3,100	2,800	2,700	3,000	3,300	3,000	2,900
120	2,900	2,700	2,500	2,400	3,300	3,000	2,700	2,600	2,500	3,200	2,900	2,800
125	2,800	2,500	2,400	2,300	3,200	2,800	2,600	2,500	2,000	2,800	2,900	2,700
130	2,600	2,400	2,300	2,300	2,800	2,700	2,600	2,500	1,500	2,300	2,800	2,600
135	2,500	2,300	2,200	2,200	2,400	2,600	2,500	2,400	1,100	1,800	2,500	2,500
140	2,400	2,200	2,200	2,100	2,000	2,500	2,400	2,300		1,400	2,000	2,400
145	2,300	2,200	2,100	2,100	1,600	2,100	2,300	2,200		1,000	1,500	1,900
150	2,200	2,100	2,000	2,000	1,300	1,700	2,100	2,200			1,100	1,500
155	2,000	2,000	1,900		900	1,400	1,700	1,900				1,100
160	1,700	1,900	1,900			1,100	1,400	1,500				
165	1,400	1,600	1,800				1,000	1,200				
170	1,200	1,300	1,400									
175	900	1,100										

Min Angle	18.0	17.5	23.5	10.0	45.0	45.5	46.0	46.0	58.0	58.5	59.0	59.0
Max Rad.	176.3	179.2	175.0	167.3	155.8	163.1	167.5	169.4	138.1	146.9	153.1	158.1
Capacity	0	0	0	0	0	0	0	0	0	0	0	0

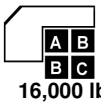
1051170

Not for crane operations

Rated Lifting Capacities In Pounds


Full

90ft Offset Fly



16,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	38.3				50.0				62.1			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
20	8,300											
25	7,500				7,600				7,600			
30	6,800				6,900				7,100			
35	6,100	5,800			6,400				6,600			
40	5,600	5,300			5,900	5,400			6,100	5,600		
45	5,100	4,900			5,400	5,000			5,700	5,200		
50	4,700	4,500	4,300		5,000	4,700	4,400		5,300	4,800		
55	4,300	4,100	4,000		4,700	4,300	4,100		4,900	4,500	4,300	
60	4,000	3,800	3,700	3,600	4,300	4,000	3,900	3,700	4,600	4,200	4,000	
65	3,700	3,500	3,400	3,400	4,000	3,800	3,600	3,500	4,300	4,000	3,800	3,600
70	3,400	3,300	3,200	3,200	3,700	3,500	3,400	3,300	4,000	3,700	3,500	3,400
75	3,200	3,100	3,000	3,000	3,500	3,300	3,200	3,100	3,800	3,500	3,300	3,200
80	2,900	2,800	2,800	2,800	3,200	3,100	3,000	2,900	3,500	3,300	3,200	3,100
85	2,700	2,700	2,600	2,600	3,000	2,900	2,800	2,800	3,300	3,100	3,000	2,900
90	2,600	2,500	2,400	2,400	2,800	2,700	2,600	2,600	3,100	2,900	2,800	2,700
95	2,400	2,300	2,300	2,300	2,700	2,600	2,500	2,500	2,900	2,800	2,700	2,600
100	2,200	2,200	2,200	2,200	2,500	2,400	2,400	2,300	2,800	2,600	2,500	2,500
105	2,100	2,100	2,000		2,400	2,300	2,200	2,200	2,600	2,500	2,400	2,400
110	2,000	1,900	1,900		2,200	2,100	2,100	2,100	2,500	2,400	2,300	2,300
115	1,900	1,800			2,100	2,000	2,000		2,300	2,200	2,200	2,200
120	1,800	1,800			2,000	1,900	1,900		2,200	2,100	2,100	2,100
125					1,900	1,800			2,100	2,000	2,000	
130					1,800	1,800			2,000	1,900	1,900	
135									1,900	1,900	1,800	
140									1,800	1,800		
145									1,700			

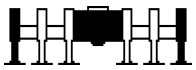
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	121.4	120.8	118.2	113.4	133.0	132.4	129.5	124.4	145.2	144.5	141.4	136.0
Capacity	1,700	1,800	1,800	2,000	1,700	1,800	1,800	1,900	1,700	1,800	1,800	1,900

1051180

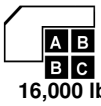
For sale US

Not for crane operations

Rated Lifting Capacities In Pounds


Full

90ft Offset Fly



16,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	87.3				113.4				140.3			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
35	6,800											
40	6,400				6,500							
45	6,100				6,200							
50	5,700	5,100			5,900				5,800			
55	5,400	4,800			5,700	5,000			5,800			
60	5,100	4,600	4,200		5,400	4,800			5,600			
65	4,800	4,300	4,000		5,200	4,600			5,400	4,800		
70	4,600	4,100	3,800	3,600	5,000	4,400	4,000		5,200	4,600		
75	4,300	3,900	3,600	3,400	4,700	4,200	3,800		5,000	4,400	4,000	
80	4,100	3,700	3,400	3,300	4,500	4,000	3,700	3,400	4,800	4,200	3,800	
85	3,900	3,500	3,300	3,100	4,300	3,800	3,500	3,300	4,600	4,100	3,700	3,400
90	3,700	3,300	3,100	3,000	4,100	3,700	3,400	3,200	4,500	3,900	3,600	3,300
95	3,500	3,200	3,000	2,900	3,900	3,500	3,200	3,100	4,300	3,800	3,400	3,200
100	3,300	3,000	2,800	2,700	3,700	3,400	3,100	2,900	4,100	3,600	3,300	3,100
105	3,100	2,900	2,700	2,600	3,600	3,200	3,000	2,800	4,000	3,500	3,200	3,000
110	3,000	2,700	2,600	2,500	3,400	3,100	2,900	2,700	3,700	3,400	3,100	2,900
115	2,800	2,600	2,500	2,400	3,300	3,000	2,800	2,600	3,000	3,200	3,000	2,800
120	2,700	2,500	2,400	2,300	3,100	2,800	2,600	2,500	2,500	3,100	2,900	2,700
125	2,600	2,400	2,300	2,200	3,000	2,700	2,600	2,500	2,000	2,800	2,800	2,600
130	2,400	2,300	2,200	2,200	2,900	2,600	2,500	2,400	1,500	2,300	2,700	2,600
135	2,300	2,200	2,100	2,100	2,400	2,500	2,400	2,300	1,100	1,800	2,400	2,500
140	2,200	2,100	2,000	2,000	2,000	2,400	2,300	2,200		1,400	1,900	2,300
145	2,100	2,000	2,000		1,700	2,100	2,200	2,200		900	1,500	1,800
150	2,000	1,900	1,900		1,300	1,800	2,100	2,100			1,100	1,400
155	1,900	1,900	1,800		1,000	1,400	1,700	1,900				1,000
160	1,800	1,800				1,100	1,300	1,400				
165	1,600	1,700					1,000					
170	1,400											

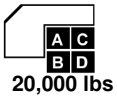
Min Angle	0.0	0.0	0.0	0.0	39.5	40.0	40.0	40.0	55.5	56.0	56.0	56.0
Max Rad.	170.4	169.6	166.2	160.3	157.5	164.2	167.5	168.1	137.2	145.8	153.1	156.9
Capacity	1,400	1,400	1,500	1,600	0	0	0	0	0	0	0	0

1051180

Not for crane operations

Rated Lifting Capacities In Pounds

Full



20,000 lbs

Radius (ft)	Boom Length (ft) Extend Mode										
	38.3	50.0	50.5	60.0	61.7	62.1	63.0	73.8	74.3	74.7	75.0
	ALL	EM1,2,3,4,5	EM6	EM2	EM1, EM4	EM3, EM5	EM6	EM4	EM2	EM5	EM1
10	163,900	86,000	160,300	90,200	58,400	90,400	137,600				
12	146,200	80,400	146,900	85,000	54,200	85,400	137,600	55,600	59,800	88,300	55,500
15	119,200	73,000	122,000	78,200	49,000	78,700	122,700	50,900	54,200	82,400	50,900
20	86,900	63,600	89,800	68,900	42,000	69,700	90,800	44,700	46,800	74,100	44,800
25	67,000	56,300	69,900	61,800	36,700	62,600	71,000	39,800	41,000	67,400	40,000
30	49,600	50,800	53,500	55,700	32,700	55,900	54,500	35,800	36,400	56,400	36,000
35		41,400	40,800	43,000	29,400	43,300	41,900	32,500	32,800	43,700	32,700
40		32,800	32,200	34,400	26,700	34,700	33,500	29,800	29,700	35,100	29,900
45				28,200	24,400	28,500	27,300	27,500	26,800	29,000	27,300
50				23,500	22,600	23,700	22,600	25,300	24,200	24,300	25,100
55						20,100	18,900	21,600	21,200	20,600	21,700
60								18,600	18,200	17,700	18,700
65								16,200	15,800	15,300	16,200
Unpinned			106,000				106,400				
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	31.3	43.0	43.5	53.0	54.7	55.1	56.0	66.8	67.3	67.7	68.0
Capacity	33,100	24,700	23,800	19,700	19,400	18,800	17,400	15,200	14,700	14,100	14,900

1060010

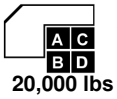
Radius (ft)	Boom Length (ft) Extend Mode										
	75.0	76.1	85.0	86.0	86.4	87.3	87.8	89.5	99.4	99.5	100.0
	EM3	EM6	EM2	EM1	EM4	EM3	EM5	EM6	EM4	EM2	EM1
12	88,300	120,400									
15	82,400	120,400	55,500	45,500	52,800	64,900	82,000	91,500			
20	74,100	90,500	48,600	39,600	47,000	56,200	77,000	89,600	48,600	47,500	41,100
25	67,400	70,900	43,200	34,900	42,400	49,500	70,800	70,000	44,400	42,200	36,900
30	56,400	54,300	38,800	31,100	38,600	44,000	55,900	53,200	40,800	37,800	33,100
35	43,700	41,800	35,200	28,000	35,400	39,600	43,200	40,800	37,700	34,000	30,200
40	35,100	33,300	32,100	25,400	32,500	35,300	34,700	32,400	35,000	31,000	27,600
45	29,000	27,300	29,500	23,200	30,100	29,200	28,600	26,400	29,600	28,400	25,400
50	24,300	22,700	25,100	21,300	25,400	24,600	24,000	21,900	24,900	25,200	23,600
55	20,600	19,000	21,400	19,700	21,800	21,000	20,400	18,300	21,300	21,500	21,900
60	17,700	16,100	18,500	18,200	18,800	18,000	17,400	15,500	18,400	18,600	19,300
65	15,300	13,700	16,000	16,800	16,400	15,700	15,100	13,100	16,000	16,200	16,900
70			14,000	14,900	14,400	13,600	13,100	11,100	14,100	14,300	15,000
75			12,300	13,100	12,700	11,900	11,300	9,400	12,300	12,600	13,200
80						10,400	9,900	8,000	10,900	11,100	11,700
85									9,600	9,800	10,500
90									8,500	8,700	9,300
Unpinned		106,300						91,500			
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	68.0	69.1	78.0	79.0	79.4	80.3	80.8	82.5	92.4	92.5	93.0
Capacity	14,000	12,100	11,400	11,900	11,400	10,400	9,700	7,300	8,000	8,200	8,700

1060010

Not for crane operations

Rated Lifting Capacities In Pounds

Full



20,000 lbs

Radius (ft)	Boom Length (ft) Extend Mode									
	100.0		110.0	111.2	113.4	114.6	115.0	125.0		125.5
	EM3	EM5	EM2	EM1	EM3	EM5	EM4	EM1	EM3	EM2
20	58,300	65,800	43,400	36,400	45,300	50,400	43,900			
25	52,000	65,800	43,400	36,400	45,300	50,400	43,900	29,900	38,700	33,300
30	46,800	54,800	39,500	33,700	44,200	50,400	42,300	29,900	38,700	33,300
35	42,500	42,200	35,900	31,000	40,000	41,300	39,400	29,900	38,700	33,300
40	34,900	33,700	32,700	28,500	34,600	32,900	34,500	29,800	33,900	32,700
45	28,900	27,700	29,500	26,200	28,600	26,900	28,500	27,900	27,900	29,100
50	24,200	23,100	24,900	24,100	23,900	22,300	23,900	25,400	23,300	24,400
55	20,600	19,500	21,200	22,300	20,300	18,800	20,300	21,800	19,700	20,800
60	17,700	16,700	18,300	19,300	17,400	15,900	17,400	18,900	16,800	17,900
65	15,400	14,400	15,900	16,900	15,200	13,700	15,100	16,500	14,600	15,700
70	13,400	12,400	14,000	15,000	13,200	11,700	13,100	14,600	12,600	13,700
75	11,700	10,700	12,300	13,300	11,500	10,100	11,500	12,900	10,900	12,000
80	10,200	9,200	10,800	11,800	10,000	8,600	10,000	11,400	9,500	10,500
85	8,900	8,000	9,600	10,500	8,800	7,400	8,700	10,200	8,200	9,300
90	7,800	6,800	8,400	9,400	7,600	6,300	7,600	9,000	7,100	8,200
95			7,400	8,400	6,700	5,300	6,600	8,000	6,100	7,200
100			6,600	7,500	5,800	4,400	5,700	7,100	5,200	6,300
105					5,000	3,600	4,900	6,400	4,400	5,500
110								5,600	3,700	4,800
115								5,000	3,100	4,100

Unpinned										

Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	93.0	93.0	103.0	104.2	106.4	107.6	108.0	118.0	118.0	118.5
Capacity	7,200	6,200	6,100	6,900	4,800	3,200	4,500	4,600	2,700	3,700

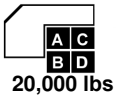
1060010

For sales use only

Not for crane operations

Rated Lifting Capacities In Pounds

Full



20,000 lbs

Radius (ft)	Boom Length (ft) Extend Mode						
	126.3	137.2	140.0	140.3	150.0	152.4	164.1
	EM4	EM1	EM2	EM3	EM1	EM2	EM1
25	37,700	25,400					
30	37,700	25,400	28,300	30,800	22,500	24,400	
35	37,700	25,400	28,300	30,800	22,500	24,400	19,600
40	33,800	25,400	28,300	30,800	22,500	24,400	19,600
45	27,900	25,400	28,300	27,200	22,500	24,400	19,600
50	23,200	25,100	23,700	22,600	22,500	23,100	19,600
55	19,700	21,400	20,100	19,000	20,800	19,500	19,600
60	16,800	18,500	17,200	16,100	17,800	16,600	17,200
65	14,500	16,100	14,900	13,900	15,600	14,400	15,000
70	12,600	14,300	13,000	12,000	13,600	12,500	13,000
75	10,900	12,600	11,300	10,300	11,900	10,800	11,400
80	9,500	11,100	9,800	8,900	10,500	9,400	9,900
85	8,200	9,900	8,600	7,600	9,200	8,100	8,700
90	7,100	8,800	7,500	6,500	8,100	7,000	7,600
95	6,100	7,800	6,500	5,500	7,100	6,000	6,600
100	5,200	6,900	5,600	4,600	6,300	5,100	5,700
105	4,400	6,100	4,800	3,900	5,500	4,300	4,900
110	3,700	5,400	4,100	3,200	4,800	3,600	4,200
115	3,100	4,700	3,500	2,500	4,100	3,000	3,600
120		4,100	2,900	2,000	3,500	2,400	3,000
125		3,600	2,400	1,400	3,000	1,900	2,500
130		3,100	1,900		2,500	1,400	2,000
135					2,100	1,000	1,500
140					1,700		1,100

Unpinned							

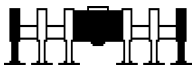
Min Angle Max Rad. Capacity							
	0.0	0.0	0.0	16.0	0.0	23.5	27.5
	119.3	130.2	133.0	129.8	143.0	135.8	142.9
	2,600	3,100	1,600	0	1,500	0	0

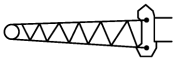
1060010

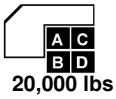
For sales use only

Not for crane operations

Rated Lifting Capacities In Pounds


Full


10ft Offset Fly
0°- 45° Offset



20,000 lbs

Radius (ft)	Boom Length (ft) Extend Mode										
	38.3	50.0	50.5	60.0	61.7	62.1	63.0	73.8	74.3	74.7	75.0
	ALL	EM1,2,3,4,5	EM6	EM2	EM1, EM4	EM3, EM5	EM6	EM4	EM2	EM5	EM1
10	42,100	42,900	42,900	47,700	47,700	47,700	47,700				
12	41,100	42,100	42,100	42,600	38,900	42,600	42,800	46,400	47,600	47,600	47,600
15	39,400	40,900	40,900	41,500	35,400	41,600	41,700	36,400	41,800	42,000	42,300
20	36,400	38,400	38,600	39,700	31,200	39,900	40,200	32,500	38,700	40,700	32,600
25	34,400	34,400	36,300	36,900	27,500	37,300	38,000	29,100	34,400	38,800	29,200
30	33,400	31,600	34,400	34,100	24,600	34,400	36,200	26,300	30,600	36,500	26,400
35	32,500	29,000	34,000	31,400	22,200	31,800	34,600	24,000	27,600	34,200	24,100
40	32,400	26,800	32,900	29,200	20,300	29,600	34,000	22,100	25,000	31,900	22,200
45		25,200	27,700	27,300	18,600	27,700	28,000	20,400	22,900	29,100	20,600
50		23,700	23,200	24,300	17,300	24,400	23,400	19,000	21,100	24,500	19,100
55				20,700	16,300	20,800	19,800	17,800	19,500	20,800	17,900
60				17,900	15,300	18,000	17,000	16,900	17,900	17,900	17,100
65						15,700	14,700	16,000	16,100	15,600	16,100
70								14,500	14,100	13,700	14,500
75								12,800	12,500	12,000	12,900
Unpinned			42,900				47,700				
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	41.4	53.1	53.5	63.1	64.7	65.2	66.1	76.9	77.4	77.8	78.1
Capacity	26,300	20,300	19,600	16,400	14,700	15,600	14,300	12,300	11,800	11,300	12,000

1061010

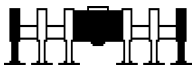
Radius (ft)	Boom Length (ft) Extend Mode										
	75.0	76.1	85.0	86.0	86.4	87.3	87.8	89.5	99.4	99.5	100.0
	EM3	EM6	EM2	EM1	EM4	EM3	EM5	EM6	EM4	EM2	EM1
12	47,600	47,600									
15	42,000	42,200	46,100	41,700	40,200	46,300	46,600	47,200			
20	40,700	40,900	39,600	32,700	33,700	40,800	41,000	41,300	34,500	38,500	32,800
25	38,800	39,200	35,300	29,700	30,500	39,300	39,600	40,100	31,600	35,600	30,300
30	36,500	37,500	32,000	27,000	27,800	37,800	38,100	38,500	29,100	32,400	28,000
35	34,200	36,000	29,000	24,300	25,600	34,900	35,900	37,100	27,000	29,800	25,700
40	32,000	33,500	26,600	22,000	23,700	31,900	34,000	32,400	25,100	27,600	23,600
45	29,100	27,500	24,500	20,100	22,100	29,100	28,500	26,500	23,500	25,600	21,700
50	24,500	22,900	22,700	18,500	20,600	24,500	23,900	21,900	22,000	23,700	20,100
55	20,800	19,300	21,100	17,200	19,400	20,800	20,300	18,400	20,800	21,200	18,700
60	17,900	16,500	18,400	16,000	18,300	17,900	17,400	15,600	18,100	18,300	17,400
65	15,600	14,200	16,000	14,900	16,300	15,600	15,100	13,300	15,800	15,900	16,400
70	13,700	12,300	14,100	13,900	14,400	13,700	13,100	11,300	13,800	14,000	14,700
75	12,000	10,600	12,400	13,000	12,700	12,000	11,500	9,700	12,100	12,300	13,000
80			11,000	11,700	11,300	10,600	10,000	8,300	10,700	10,900	11,500
85			9,700	10,400	10,000	9,300	8,800	7,100	9,500	9,700	10,300
90						8,300	7,800	6,000	8,400	8,600	9,200
95									7,400	7,600	8,200
100									6,500	6,700	7,300
Unpinned		47,600						47,200			
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	78.1	79.1	88.1	89.0	89.5	90.4	90.8	92.6	102.5	102.5	103.1
Capacity	11,200	9,500	9,100	9,600	9,100	8,200	7,600	5,500	6,200	6,400	6,900

1061010

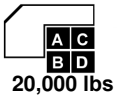
Sales use only

Not for crane operations

Rated Lifting Capacities In Pounds


Full

10ft Offset Fly
0°- 45° Offset



20,000 lbs

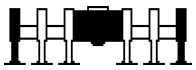
Radius (ft)	Boom Length (ft) Extend Mode									
	100.0		110.0	111.2	113.4	114.6	115.0	125.0		125.5
	EM3	EM5	EM2	EM1	EM3	EM5	EM4	EM1	EM3	EM2
20	40,800	41,100	32,700	27,200	35,500	39,500	32,900			
25	39,500	39,900	32,700	27,200	35,500	39,500	32,400	23,600	30,400	26,600
30	38,200	38,600	32,700	27,200	35,500	38,600	30,100	23,600	30,400	26,600
35	36,700	37,300	30,400	26,300	35,500	37,500	28,100	23,600	30,400	26,600
40	33,800	33,500	28,300	24,300	33,600	32,500	26,300	23,600	30,400	26,600
45	28,600	27,500	26,400	22,500	28,200	26,600	24,800	23,400	27,400	26,600
50	24,000	22,900	24,400	20,900	23,500	22,000	23,400	21,900	22,800	23,900
55	20,300	19,400	20,800	19,600	19,900	18,500	19,900	20,600	19,200	20,300
60	17,500	16,500	17,900	18,300	17,100	15,800	17,000	18,300	16,400	17,400
65	15,200	14,200	15,600	16,400	14,800	13,400	14,700	15,900	14,200	15,200
70	13,200	12,300	13,700	14,600	12,800	11,500	12,800	14,100	12,200	13,200
75	11,500	10,600	12,000	12,900	11,200	9,800	11,100	12,400	10,500	11,500
80	10,100	9,200	10,500	11,400	9,700	8,400	9,700	10,900	9,100	10,100
85	8,900	8,000	9,300	10,200	8,500	7,200	8,400	9,700	7,900	8,800
90	7,800	6,900	8,200	9,100	7,400	6,100	7,300	8,600	6,800	7,800
95	6,800	5,900	7,200	8,100	6,400	5,100	6,400	7,600	5,800	6,800
100	6,000	5,100	6,300	7,200	5,600	4,200	5,500	6,700	4,900	5,900
105			5,600	6,400	4,800	3,500	4,700	5,900	4,100	5,100
110			4,900	5,700	4,100	2,800	4,000	5,200	3,500	4,400
115					3,500	2,200	3,400	4,600	2,800	3,800
120								4,000	2,300	3,200
125								3,500	1,800	2,700
Unpinned										
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	103.1	103.1	113.1	114.2	116.4	117.7	118.1	128.1	128.1	128.6
Capacity	5,500	4,600	4,500	5,300	3,400	1,900	3,100	3,300	1,500	2,400

1061010

For sales use only

Not for crane operations

Rated Lifting Capacities In Pounds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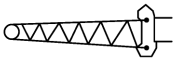
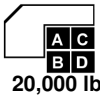

10ft Offset Fly
0°- 45° Offset



20,000 lbs

Radius (ft)	Boom Length (ft) Extend Mode						
	126.3 EM4	137.2 EM1	140.0 EM2	140.3 EM3	150.0 EM1	152.4 EM2	164.1 EM1
25	29,000	20,500					
30	29,000	20,500	23,100	25,400	18,500		
35	28,400	20,500	23,100	25,400	18,500	20,400	15,900
40	26,800	20,500	23,100	25,400	18,500	20,400	15,900
45	25,300	20,500	23,100	25,400	18,500	20,400	15,900
50	22,800	20,500	23,100	22,000	18,500	20,400	15,900
55	19,200	20,500	19,500	18,500	18,500	18,900	15,900
60	16,300	17,900	16,600	15,800	17,200	16,000	15,900
65	14,100	15,700	14,400	13,500	15,000	13,900	14,400
70	12,200	13,700	12,400	11,500	13,000	11,900	12,400
75	10,500	12,000	10,800	9,800	11,400	10,200	10,700
80	9,100	10,600	9,300	8,400	9,900	8,800	9,300
85	7,800	9,300	8,100	7,200	8,700	7,600	8,100
90	6,700	8,200	7,000	6,100	7,600	6,500	7,000
95	5,800	7,200	6,000	5,100	6,600	5,500	6,000
100	4,900	6,400	5,200	4,200	5,700	4,600	5,100
105	4,100	5,600	4,400	3,500	4,900	3,900	4,300
110	3,400	4,900	3,700	2,800	4,200	3,200	3,600
115	2,800	4,200	3,100	2,200	3,600	2,500	3,000
120	2,200	3,700	2,500	1,600	3,000	2,000	2,400
125	1,700	3,100	2,000	1,100	2,500	1,500	1,900
130		2,700	1,500		2,000	1,000	1,400
135		2,200	1,100		1,600		1,000
140		1,900			1,200		

Unpinned							

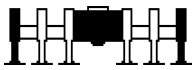
Min Angle	0.0	0.0	17.0	29.5	21.5	34.5	37.5
Max Rad.	129.4	140.3	137.9	126.8	144.4	131.3	136.9
Capacity	1,400	1,900	0	0	0	0	0

1061010

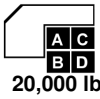
For sales use only

Not for crane operations

Rated Lifting Capacities In Pounds


Full

35ft Offset Fly



20,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	38.3				61.7				86.0			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
10	28,700											
12	26,800											
15	24,400				25,200							
20	21,100	16,900			23,000				21,300			
25	18,600	15,300	13,000		21,000	16,400			20,700			
30	16,700	14,000	12,100	10,800	19,200	15,400	12,800		19,700	15,800		
35	15,000	12,900	11,400	10,300	17,700	14,400	12,200		18,700	15,100		
40	13,600	12,000	10,800	9,900	16,500	13,600	11,600	10,400	17,700	14,400	12,100	
45	12,500	11,200	10,200	9,600	15,300	12,800	11,200	10,100	16,800	13,800	11,700	10,400
50	11,500	10,500	9,700	9,200	14,300	12,200	10,700	9,800	16,000	13,200	11,300	10,100
55	10,700	9,900	9,300	8,900	13,100	11,600	10,400	9,600	15,200	12,700	11,000	9,900
60	9,900	9,300	8,900		12,000	11,000	10,000	9,300	14,400	12,200	10,700	9,800
65	9,200	8,900			11,000	10,500	9,600	9,100	13,300	11,700	10,400	9,500
70					10,200	9,800	9,300	8,900	12,300	11,300	10,100	9,300
75					9,500	9,200	9,000		11,500	10,900	9,800	9,100
80					8,900	8,600	8,500		10,700	10,300	9,500	9,000
85					8,300	8,200			10,000	9,800	9,300	8,900
90									9,300	9,200	8,900	8,800
95									8,800	8,700	8,600	
100									8,200	8,200	8,100	
105									7,600	7,700	7,700	
110									6,900	7,100		

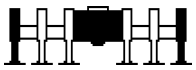
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	66.4	66.3	65.0	62.5	89.7	89.5	87.8	84.7	114.0	113.7	111.8	108.3
Capacity	9,000	8,900	8,900	8,900	7,900	8,000	8,100	8,500	6,500	6,500	6,800	7,100

1061070

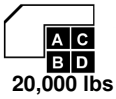
For sales us

Not for crane operations

Rated Lifting Capacities In Pounds


Full

35ft Offset Fly



20,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	111.2				137.2				164.1			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
25	16,200											
30	16,200											
35	16,200				13,200							
40	16,200	14,500			13,200				11,100			
45	16,200	14,100	12,000		13,200	13,700			11,100			
50	16,200	13,600	11,700	10,400	13,200	13,600			11,100			
55	15,800	13,200	11,400	10,200	13,200	13,300	11,600		11,100	11,600		
60	15,300	12,800	11,100	10,000	13,200	13,000	11,400	10,200	11,100	11,600		
65	14,800	12,500	10,900	9,900	13,200	12,700	11,200	10,100	11,100	11,600	11,300	
70	14,300	12,100	10,600	9,700	13,200	12,500	11,000	9,900	11,100	11,600	11,100	10,100
75	13,500	11,800	10,400	9,500	12,600	12,200	10,800	9,700	11,100	11,600	11,000	9,900
80	12,200	11,400	10,200	9,300	11,200	11,900	10,600	9,600	9,900	10,800	10,800	9,800
85	10,900	11,100	9,900	9,200	9,900	10,600	10,400	9,400	8,600	9,400	10,100	9,600
90	9,700	10,200	9,700	9,000	8,800	9,400	9,900	9,300	7,500	8,300	8,900	9,400
95	8,800	9,200	9,500	8,900	7,800	8,400	8,900	9,200	6,500	7,200	7,800	8,300
100	7,900	8,300	8,600	8,800	6,900	7,500	7,900	8,200	5,600	6,300	6,900	7,300
105	7,100	7,500	7,700	7,900	6,100	6,600	7,000	7,300	4,800	5,500	6,000	6,300
110	6,400	6,700	6,900	7,000	5,400	5,900	6,200	6,500	4,100	4,700	5,200	5,500
115	5,700	6,000	6,200		4,800	5,200	5,500	5,700	3,500	4,000	4,500	4,700
120	5,100	5,400	5,500		4,200	4,600	4,800	5,000	2,900	3,400	3,800	4,100
125	4,600	4,800	4,900		3,700	4,000	4,200	4,400	2,400	2,800	3,200	3,400
130	4,100	4,300			3,200	3,500	3,700	3,800	1,900	2,300	2,600	2,800
135	3,700	3,800			2,700	3,000	3,200		1,500	1,800	2,100	2,300
140					2,300	2,500	2,700		1,100	1,400	1,700	1,800
145					1,900	2,100	2,200			1,000	1,200	1,400
150					1,600	1,800	1,800					900
155					1,300	1,400						
160					1,000							

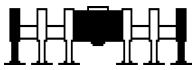
Min Angle	0.0	0.0	0.0	0.0	11.5	19.5	18.5	23.5	45.0	45.5	46.0	45.5
Max Rad.	139.2	138.8	136.7	132.9	162.5	160.0	160.0	155.0	142.9	146.9	149.4	150.6
Capacity	3,400	3,400	3,500	3,700	0	0	0	0	0	0	0	0

1061070

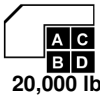
For sale/rent only

Not for crane operations

Rated Lifting Capacities In Pounds


Full

35ft Offset Fly



20,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	38.3				50.0				74.3			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
10	28,700											
12	26,800				27,600							
15	24,400				25,500							
20	21,100	16,900			22,600	17,400			23,400			
25	18,600	15,300	13,000		20,200	16,000			21,700	16,900		
30	16,700	14,000	12,100	10,800	18,200	14,800	12,500		20,200	15,900		
35	15,000	12,900	11,400	10,300	16,700	13,800	11,800	10,500	18,800	15,000	12,500	
40	13,600	12,000	10,800	9,900	15,300	12,900	11,300	10,200	17,500	14,200	12,000	10,500
45	12,500	11,200	10,200	9,600	14,100	12,100	10,700	9,900	16,500	13,500	11,500	10,300
50	11,500	10,500	9,700	9,200	13,000	11,400	10,300	9,600	15,500	12,800	11,100	10,000
55	10,700	9,900	9,300	8,900	12,100	10,800	9,900	9,300	14,600	12,200	10,700	9,800
60	9,900	9,300	8,900		11,400	10,300	9,500	9,000	13,700	11,700	10,400	9,600
65	9,200	8,900			10,700	9,800	9,100	8,900	13,000	11,200	10,100	9,300
70					10,000	9,300	8,900		12,300	10,800	9,800	9,100
75					9,300	8,900			11,700	10,400	9,500	9,000
80									11,200	10,000	9,200	8,900
85									10,700	9,600	9,000	
90									10,000	9,300	8,800	
95									9,000	9,000	8,800	
100									8,200	8,300		

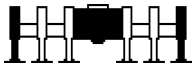
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	66.4	66.3	65.0	62.5	78.0	77.9	76.4	73.5	102.4	102.1	100.2	96.9
Capacity	9,000	8,900	8,900	8,900	9,000	8,900	8,900	8,900	7,900	7,900	8,200	8,700

1061080

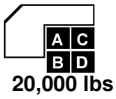
For sales use only

Not for crane operations

Rated Lifting Capacities In Pounds


Full

35ft Offset Fly



20,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	99.5				125.5				152.4			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
25	21,100											
30	20,300				17,300							
35	19,400	15,500			17,300							
40	18,500	14,800	12,400		17,300	15,000			13,800			
45	17,600	14,200	12,000	10,500	17,300	14,500			13,800			
50	16,900	13,700	11,600	10,300	17,000	14,100	11,900		13,800	14,000		
55	16,100	13,200	11,300	10,100	16,500	13,700	11,600	10,300	13,800	13,700	11,800	
60	15,400	12,700	11,000	9,900	16,000	13,300	11,400	10,100	13,800	13,400	11,600	
65	14,700	12,300	10,700	9,800	15,500	12,900	11,100	10,000	13,800	13,100	11,400	10,200
70	14,100	11,900	10,500	9,500	14,100	12,600	10,900	9,900	12,700	12,900	11,200	10,000
75	13,400	11,500	10,200	9,300	12,300	12,200	10,700	9,700	11,000	12,000	11,000	9,900
80	11,900	11,100	10,000	9,200	10,900	11,600	10,500	9,500	9,500	10,400	10,800	9,800
85	10,600	10,800	9,700	9,000	9,600	10,300	10,300	9,300	8,300	9,100	9,800	9,600
90	9,500	10,000	9,500	8,900	8,500	9,100	9,600	9,200	7,200	7,900	8,600	9,100
95	8,500	8,900	9,200	8,800	7,500	8,100	8,600	8,900	6,200	6,900	7,500	8,000
100	7,600	8,000	8,300	8,400	6,700	7,200	7,600	7,900	5,300	6,000	6,500	6,900
105	6,800	7,200	7,400		5,900	6,300	6,700	6,900	4,500	5,100	5,700	6,000
110	6,100	6,400	6,600		5,100	5,600	5,900	6,100	3,800	4,400	4,900	5,200
115	5,500	5,700	5,800		4,500	4,900	5,200	5,300	3,200	3,700	4,100	4,400
120	4,900	5,100			3,900	4,300	4,500	4,600	2,600	3,100	3,500	3,700
125	4,400	4,500			3,400	3,700	3,900		2,100	2,500	2,900	3,100
130					2,900	3,200	3,300		1,600	2,000	2,300	2,500
135					2,500	2,700	2,800		1,200	1,500	1,800	1,900
140					2,100	2,200	2,300			1,100	1,300	1,400
145					1,700	1,800					900	
150					1,400	1,400						

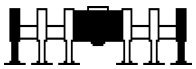
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	42.5	42.5	42.5	42.5
Max Rad.	127.5	127.2	125.1	121.4	153.6	153.1	151.0	147.1	138.3	143.1	145.6	146.5
Capacity	4,200	4,200	4,400	4,600	1,200	1,200	1,200	1,300	0	0	0	0

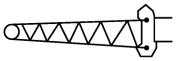
1061080

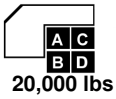
For Sale Use Only

Not for crane operations

Rated Lifting Capacities In Pounds


Full


35ft Offset Fly



20,000 lbs

Radius (ft)	Boom Length (ft) / Fly Offset 38.3 0°	38.3 15°	38.3 30°	38.3 45°	50.0 0°	50.0 15°	50.0 30°	50.0 45°	62.1 0°	62.1 15°	62.1 30°	62.1 45°
10	28,700											
12	26,800				27,600							
15	24,400				25,500				26,000			
20	21,100	16,900			22,600	17,400			23,500			
25	18,600	15,300	13,000		20,200	16,000			21,400	16,600		
30	16,700	14,000	12,100	10,800	18,200	14,800	12,500		19,500	15,500	12,800	
35	15,000	12,900	11,400	10,300	16,700	13,800	11,800	10,500	17,900	14,500	12,200	10,700
40	13,600	12,000	10,800	9,900	15,300	12,900	11,300	10,200	16,700	13,600	11,700	10,400
45	12,500	11,200	10,200	9,600	14,100	12,100	10,700	9,900	15,500	12,900	11,200	10,100
50	11,500	10,500	9,700	9,200	13,000	11,400	10,300	9,600	14,400	12,200	10,700	9,800
55	10,700	9,900	9,300	8,900	12,100	10,800	9,900	9,300	13,500	11,600	10,400	9,600
60	9,900	9,300	8,900		11,400	10,300	9,500	9,000	12,600	11,100	10,000	9,300
65	9,200	8,900			10,700	9,800	9,100	8,900	11,900	10,600	9,700	9,100
70					10,000	9,300	8,900		11,200	10,200	9,300	8,900
75					9,300	8,900			10,700	9,700	9,100	
80									10,100	9,300	8,900	
85									9,500	9,000		
90									9,000			
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	66.4	66.3	65.0	62.5	78.0	77.9	76.4	73.5	90.2	90.0	88.3	85.1
Capacity	9,000	8,900	8,900	8,900	9,000	8,900	8,900	8,900	9,000	9,000	8,800	8,900

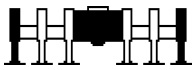
1061090

Radius (ft)	Boom Length (ft) / Fly Offset 87.3 0°	87.3 15°	87.3 30°	87.3 45°	113.4 0°	113.4 15°	113.4 30°	113.4 45°	140.3 0°	140.3 15°	140.3 30°	140.3 45°
20	23,700											
25	22,300				20,900							
30	20,900	16,300			20,800							
35	19,700	15,500	12,700		19,900	15,800			17,300			
40	18,500	14,700	12,200		19,100	15,200			17,300			
45	17,400	14,000	11,800	10,400	18,300	14,700	12,200		17,300	14,800		
50	16,600	13,400	11,400	10,200	17,600	14,100	11,900	10,400	17,300	14,400	12,100	
55	15,600	12,800	11,100	10,000	16,900	13,600	11,600	10,200	17,000	14,000	11,900	
60	14,800	12,300	10,700	9,800	16,200	13,200	11,300	10,000	16,600	13,600	11,600	10,200
65	14,100	11,900	10,500	9,600	15,600	12,800	11,000	9,900	14,400	13,300	11,400	10,100
70	13,400	11,400	10,200	9,400	13,900	12,400	10,700	9,800	12,400	13,000	11,100	10,000
75	12,800	11,000	9,900	9,200	12,200	12,000	10,500	9,600	10,800	11,800	10,900	9,900
80	11,800	10,700	9,600	9,000	10,700	11,500	10,300	9,400	9,300	10,200	10,700	9,700
85	10,500	10,400	9,400	8,900	9,500	10,100	10,100	9,200	8,100	8,900	9,600	9,500
90	9,400	9,800	9,200	8,800	8,400	9,000	9,500	9,100	7,000	7,700	8,400	8,900
95	8,400	8,800	9,000		7,400	7,900	8,400	8,600	6,000	6,700	7,300	7,700
100	7,500	7,800	8,000		6,500	7,000	7,400	7,600	5,100	5,800	6,300	6,700
105	6,800	7,000	7,100		5,700	6,200	6,500	6,700	4,300	4,900	5,400	5,700
110	6,100	6,200			5,000	5,400	5,700	5,800	3,600	4,200	4,600	4,900
115	5,500				4,400	4,700	4,900		3,000	3,500	3,900	4,100
120					3,800	4,100	4,300		2,400	2,900	3,200	3,400
125					3,300	3,500	3,600		1,900	2,300	2,600	2,800
130					2,800	3,000			1,400	1,800	2,000	2,200
135					2,300	2,500				1,300	1,500	
140					2,000						1,100	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	39.0	38.5	38.5	38.5
Max Rad.	115.4	115.1	113.1	109.6	141.4	141.0	138.9	135.1	135.0	140.0	142.4	142.5
Capacity	5,400	5,500	5,700	6,000	1,900	1,900	2,000	2,100	0	0	0	0

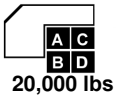
1061090

Sales use only
Not for crane operations

Rated Lifting Capacities In Pounds


Full

58ft Offset Fly



20,000 lbs

Radius (ft)	Boom Length (ft) / Fly Offset 38.3 0°	38.3 15°	38.3 30°	38.3 45°	61.7 0°	61.7 15°	61.7 30°	61.7 45°	86.0 0°	86.0 15°	86.0 30°	86.0 45°
15	16,600											
20	14,700				14,300							
25	13,000				13,400				12,400			
30	11,600	9,600			12,500				11,900			
35	10,500	8,800			11,700	9,400			11,500			
40	9,500	8,200	7,200		10,900	8,800			11,000	9,100		
45	8,700	7,600	6,700		10,100	8,300			10,600	8,700		
50	8,100	7,100	6,300	5,700	9,400	7,900	6,700		10,100	8,300		
55	7,500	6,700	6,000	5,500	8,800	7,400	6,400		9,700	7,900	6,700	
60	6,900	6,300	5,700	5,200	8,300	7,100	6,100	5,500	9,200	7,600	6,400	
65	6,500	5,900	5,400	5,100	7,800	6,700	5,900	5,300	8,800	7,300	6,200	5,500
70	6,000	5,600	5,200	4,900	7,300	6,400	5,700	5,200	8,300	7,000	6,000	5,400
75	5,700	5,300	5,000	4,800	6,900	6,100	5,500	5,100	8,000	6,700	5,800	5,200
80	5,300	5,100	4,900	4,800	6,600	5,800	5,300	5,000	7,600	6,500	5,700	5,100
85	5,000	4,900	4,800		6,200	5,600	5,200	4,900	7,200	6,200	5,500	5,000
90					5,900	5,400	5,000	4,800	6,900	6,000	5,400	5,000
95					5,600	5,200	4,900	4,800	6,600	5,800	5,200	4,900
100					5,400	5,000	4,800		6,300	5,600	5,100	4,800
105					5,100	4,900	4,700		6,100	5,500	5,000	4,800
110					4,900	4,800			5,800	5,300	4,900	4,700
115									5,600	5,200	4,800	4,700
120									5,400	5,000	4,800	
125									5,200	4,900	4,700	
130									5,000	4,800		
135									4,900	4,700		

Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	89.4	89.2	87.3	84.0	112.7	112.3	109.8	105.3	137.0	136.4	133.5	128.2
Capacity	4,800	4,900	4,800	4,800	4,800	4,800	4,700	4,800	4,800	4,700	4,700	4,700

1061100

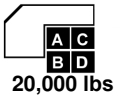
For sales us

Not for crane operations

Rated Lifting Capacities In Pounds

Full

58ft Offset Fly



20,000 lbs

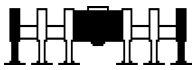
Radius (ft)	Boom Length (ft)											
	Fly Offset											
	111.2				137.2				164.1			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
30	10,100											
35	10,100											
40	10,100				8,600							
45	10,100				8,600							
50	10,000	8,500			8,600				7,500			
55	9,700	8,200			8,600	8,200			7,500			
60	9,500	7,900			8,600	8,000			7,500			
65	9,200	7,600	6,400		8,600	7,800			7,500	7,800		
70	8,900	7,400	6,300	5,500	8,600	7,600	6,400		7,500	7,600		
75	8,600	7,100	6,100	5,400	8,600	7,400	6,300		7,500	7,500		
80	8,300	6,900	5,900	5,300	8,600	7,200	6,100	5,400	7,500	7,300	6,300	
85	8,000	6,700	5,800	5,200	8,400	7,000	6,000	5,300	7,500	7,200	6,100	
90	7,700	6,500	5,700	5,100	8,200	6,800	5,900	5,200	7,500	7,000	6,000	5,300
95	7,400	6,300	5,500	5,000	7,900	6,700	5,700	5,100	7,100	6,900	5,900	5,200
100	7,200	6,100	5,400	5,000	7,500	6,500	5,600	5,100	6,200	6,700	5,800	5,200
105	6,900	5,900	5,300	4,900	6,700	6,300	5,500	5,000	5,400	6,400	5,700	5,100
110	6,700	5,800	5,200	4,900	6,000	6,200	5,400	5,000	4,700	5,600	5,600	5,100
115	6,300	5,600	5,100	4,800	5,300	6,000	5,300	4,900	4,000	4,900	5,500	5,000
120	5,700	5,500	5,000	4,800	4,700	5,400	5,200	4,900	3,500	4,300	5,000	5,000
125	5,200	5,400	4,900	4,700	4,200	4,800	5,200	4,800	2,900	3,700	4,400	4,900
130	4,700	5,100	4,800	4,700	3,700	4,300	4,700	4,800	2,400	3,200	3,800	4,200
135	4,200	4,600	4,800	4,700	3,200	3,800	4,200	4,500	2,000	2,700	3,200	3,600
140	3,800	4,100	4,300		2,800	3,300	3,700	3,900	1,600	2,200	2,700	3,100
145	3,400	3,700	3,800		2,400	2,900	3,200	3,400	1,200	1,800	2,300	2,600
150	3,100	3,300	3,400		2,100	2,500	2,800	2,900		1,400	1,800	2,100
155	2,700	2,900			1,700	2,100	2,400	2,500		1,000	1,400	1,700
160	2,500	2,500			1,400	1,800	2,000				1,000	1,200
165					1,200	1,400	1,600					900
170					900	1,100	1,300					
175							900					

Min Angle	0.0	0.0	0.0	0.0	28.0	29.0	29.0	23.5	49.5	50.0	50.5	50.0
Max Rad.	162.2	161.5	158.1	152.4	170.8	174.2	175.8	173.0	149.4	157.5	162.5	165.6
Capacity	2,400	2,400	2,500	2,800	0	0	0	0	0	0	0	0

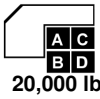
1061100

Not for crane operations

Rated Lifting Capacities In Pounds


Full

58ft Offset Fly



20,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	38.3				50.0				74.3			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
15	16,600				16,300							
20	14,700				14,900							
25	13,000				13,600				13,500			
30	11,600	9,600			12,400	9,900			12,700			
35	10,500	8,800			11,300	9,200			12,000			
40	9,500	8,200	7,200		10,300	8,600			11,400	9,100		
45	8,700	7,600	6,700		9,500	8,000	6,900		10,700	8,600		
50	8,100	7,100	6,300	5,700	8,800	7,600	6,600		10,100	8,200	6,900	
55	7,500	6,700	6,000	5,500	8,200	7,100	6,200	5,600	9,500	7,800	6,600	
60	6,900	6,300	5,700	5,200	7,700	6,700	5,900	5,400	8,900	7,400	6,300	5,600
65	6,500	5,900	5,400	5,100	7,200	6,300	5,700	5,200	8,400	7,100	6,100	5,400
70	6,000	5,600	5,200	4,900	6,700	6,000	5,500	5,100	8,000	6,800	5,900	5,300
75	5,700	5,300	5,000	4,800	6,300	5,700	5,300	4,900	7,500	6,500	5,700	5,200
80	5,300	5,100	4,900	4,800	6,000	5,500	5,100	4,900	7,200	6,200	5,500	5,100
85	5,000	4,900	4,800		5,600	5,300	5,000	4,800	6,800	6,000	5,300	5,000
90					5,300	5,100	4,800		6,500	5,700	5,200	4,900
95					5,100	4,900	4,700		6,200	5,500	5,100	4,800
100					4,900	4,800			5,900	5,300	5,000	4,800
105									5,600	5,200	4,900	4,800
110									5,400	5,000	4,800	
115									5,200	4,900	4,700	
120									5,000	4,800		
125									4,800			

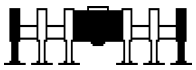
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	89.4	89.2	87.3	84.0	101.0	100.7	98.5	94.5	125.4	124.8	122.0	117.1
Capacity	4,800	4,900	4,800	4,800	4,800	4,800	4,700	4,800	4,800	4,800	4,700	4,800

1061110

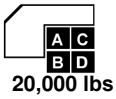
For sales us

Not for crane operations

Rated Lifting Capacities In Pounds


Full

58ft Offset Fly



20,000 lbs

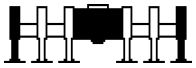
Radius (ft)	Boom Length (ft)											
	Fly Offset											
	99.5				125.5				152.4			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
30	12,300											
35	11,800				10,800							
40	11,400				10,800							
45	11,000	8,900			10,700				9,200			
50	10,600	8,600			10,500	8,700			9,200			
55	10,200	8,200	6,800		10,200	8,400			9,200			
60	9,800	7,900	6,600		9,900	8,200			9,200	8,300		
65	9,300	7,600	6,400	5,600	9,600	7,900	6,600		9,200	8,100		
70	8,900	7,300	6,200	5,400	9,400	7,700	6,400		9,200	7,900		
75	8,500	7,000	6,000	5,300	9,100	7,400	6,200	5,400	9,200	7,600	6,400	
80	8,100	6,800	5,800	5,200	8,800	7,200	6,100	5,300	9,000	7,500	6,300	5,400
85	7,800	6,500	5,700	5,100	8,500	7,000	5,900	5,300	8,800	7,300	6,100	5,400
90	7,500	6,300	5,500	5,000	8,200	6,800	5,800	5,200	7,800	7,100	6,000	5,300
95	7,100	6,100	5,400	5,000	7,900	6,600	5,700	5,100	6,900	6,900	5,900	5,200
100	6,900	5,900	5,300	4,900	7,300	6,400	5,600	5,000	6,000	6,700	5,800	5,100
105	6,600	5,700	5,200	4,900	6,500	6,200	5,400	5,000	5,200	6,200	5,700	5,100
110	6,300	5,600	5,100	4,800	5,800	6,100	5,300	4,900	4,500	5,400	5,600	5,000
115	6,100	5,400	5,000	4,800	5,200	5,900	5,200	4,900	3,800	4,700	5,500	5,000
120	5,600	5,300	4,900	4,700	4,600	5,200	5,200	4,800	3,200	4,100	4,800	4,900
125	5,100	5,200	4,800	4,700	4,000	4,600	5,100	4,800	2,700	3,500	4,100	4,600
130	4,600	4,900	4,800		3,500	4,100	4,500	4,700	2,200	2,900	3,500	4,000
135	4,100	4,400	4,600		3,100	3,600	4,000	4,200	1,800	2,400	3,000	3,400
140	3,700	3,900	4,000		2,700	3,100	3,400	3,600	1,400	2,000	2,500	2,800
145	3,300	3,500			2,300	2,700	3,000	3,100	1,000	1,500	2,000	2,300
150	3,000				1,900	2,300	2,500			1,200	1,600	1,800
155					1,600	1,900	2,100				1,200	1,400
160					1,300	1,500	1,700					900
165					1,000	1,200						
170						900						

Min Angle	0.0	0.0	0.0	0.0	19.5	20.5	5.5	15.0	47.0	47.5	48.0	48.0
Max Rad.	150.5	149.8	146.7	141.1	168.8	170.8	169.8	161.3	146.4	154.4	159.4	160.6
Capacity	3,000	3,000	3,200	3,500	0	0	0	0	0	0	0	0

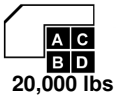
1061110

For sale only
Not for crane operations

Rated Lifting Capacities In Pounds


Full

58ft Offset Fly



20,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	38.3				50.0				62.1			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
15	16,600				16,300							
20	14,700				14,900				14,800			
25	13,000				13,600				13,800			
30	11,600	9,600			12,400	9,900			12,800			
35	10,500	8,800			11,300	9,200			11,900	9,500		
40	9,500	8,200	7,200		10,300	8,600			11,000	8,900		
45	8,700	7,600	6,700		9,500	8,000	6,900		10,200	8,400	7,100	
50	8,100	7,100	6,300	5,700	8,800	7,600	6,600		9,500	7,900	6,700	
55	7,500	6,700	6,000	5,500	8,200	7,100	6,200	5,600	8,900	7,500	6,400	5,700
60	6,900	6,300	5,700	5,200	7,700	6,700	5,900	5,400	8,400	7,100	6,200	5,500
65	6,500	5,900	5,400	5,100	7,200	6,300	5,700	5,200	7,900	6,700	5,900	5,300
70	6,000	5,600	5,200	4,900	6,700	6,000	5,500	5,100	7,400	6,400	5,700	5,200
75	5,700	5,300	5,000	4,800	6,300	5,700	5,300	4,900	7,000	6,100	5,500	5,100
80	5,300	5,100	4,900	4,800	6,000	5,500	5,100	4,900	6,600	5,900	5,300	5,000
85	5,000	4,900	4,800		5,600	5,300	5,000	4,800	6,200	5,600	5,200	4,900
90					5,300	5,100	4,800		5,900	5,400	5,000	4,800
95					5,100	4,900	4,700		5,600	5,200	4,900	4,800
100					4,900	4,800			5,400	5,100	4,800	
105									5,100	4,900	4,700	
110									4,900	4,800		

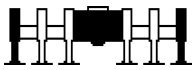
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	89.4	89.2	87.3	84.0	101.0	100.7	98.5	94.5	113.2	112.7	110.2	105.7
Capacity	4,800	4,900	4,800	4,800	4,800	4,800	4,700	4,800	4,800	4,800	4,700	4,800

1061120

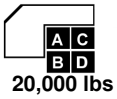
For sales us

Not for crane operations

Rated Lifting Capacities In Pounds


Full

58ft Offset Fly



20,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	87.3				113.4				140.3			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
25	13,600											
30	12,900				12,500							
35	12,300				12,100							
40	11,700	9,400			11,700				11,000			
45	11,200	8,900			11,300	9,200			11,000			
50	10,600	8,500			10,900	8,800			10,800			
55	10,100	8,100	6,700		10,500	8,500			10,500	8,700		
60	9,500	7,700	6,500		10,200	8,100	6,700		10,300	8,400		
65	9,000	7,400	6,300	5,500	9,800	7,900	6,500		10,000	8,100		
70	8,600	7,100	6,100	5,400	9,400	7,600	6,300	5,500	9,700	7,900	6,500	
75	8,100	6,800	5,900	5,200	9,000	7,300	6,200	5,400	9,500	7,700	6,400	
80	7,700	6,500	5,700	5,100	8,600	7,100	6,000	5,300	9,200	7,400	6,200	5,400
85	7,400	6,300	5,500	5,000	8,300	6,800	5,800	5,200	8,800	7,200	6,100	5,300
90	7,000	6,100	5,400	5,000	8,000	6,600	5,700	5,100	7,700	7,000	5,900	5,200
95	6,700	5,900	5,300	4,900	7,600	6,400	5,600	5,000	6,800	6,800	5,800	5,200
100	6,400	5,700	5,100	4,800	7,300	6,200	5,400	5,000	5,900	6,700	5,700	5,100
105	6,200	5,500	5,000	4,800	6,500	6,000	5,300	4,900	5,100	6,100	5,600	5,000
110	5,900	5,300	4,900	4,800	5,800	5,900	5,200	4,900	4,400	5,300	5,500	5,000
115	5,700	5,200	4,900	4,700	5,100	5,700	5,100	4,800	3,700	4,600	5,300	4,900
120	5,500	5,100	4,800		4,500	5,100	5,100	4,800	3,100	3,900	4,600	4,900
125	5,100	4,900	4,700		4,000	4,500	5,000	4,700	2,600	3,300	4,000	4,400
130	4,600	4,800			3,500	4,000	4,400	4,600	2,100	2,800	3,400	3,800
135	4,200	4,300			3,000	3,500	3,800	4,000	1,700	2,300	2,800	3,200
140					2,600	3,000	3,300		1,300	1,800	2,300	2,600
145					2,300	2,600	2,800		900	1,400	1,800	2,100
150					1,900	2,200	2,300			1,000	1,400	1,600
155					1,600	1,800					1,000	1,100
160					1,300	1,400						

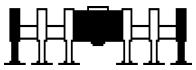
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	43.0	44.0	44.0	44.0
Max Rad.	138.4	137.7	134.8	129.5	164.4	163.6	160.3	154.5	145.6	151.9	156.9	158.1
Capacity	4,000	4,000	4,200	4,600	1,100	1,100	1,200	1,300	0	0	0	0

1061120

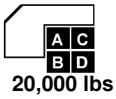
For SOME USE

Not for crane operations

Rated Lifting Capacities In Pounds


Full

74ft Offset Fly



20,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	38.3				61.7				86.0			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
20	9,600											
25	8,700				8,900							
30	7,900	7,100			8,300				8,200			
35	7,200	6,500			7,800				7,800			
40	6,600	6,000			7,200	6,300			7,500			
45	6,100	5,500	5,200		6,800	5,900			7,100	6,100		
50	5,600	5,200	4,800		6,300	5,600	5,100		6,800	5,900		
55	5,200	4,800	4,500	4,300	6,000	5,300	4,800		6,400	5,600		
60	4,900	4,500	4,200	4,100	5,600	5,000	4,600	4,300	6,100	5,300	4,800	
65	4,500	4,200	4,000	3,800	5,300	4,700	4,300	4,100	5,800	5,100	4,600	
70	4,200	4,000	3,800	3,600	5,000	4,500	4,100	3,900	5,500	4,900	4,400	4,100
75	4,000	3,700	3,600	3,500	4,700	4,300	3,900	3,700	5,300	4,700	4,200	3,900
80	3,800	3,500	3,400	3,300	4,500	4,100	3,800	3,600	5,000	4,500	4,100	3,800
85	3,500	3,400	3,200	3,200	4,200	3,900	3,600	3,500	4,800	4,300	3,900	3,700
90	3,400	3,200	3,100	3,100	4,000	3,700	3,500	3,300	4,600	4,100	3,800	3,600
95	3,200	3,100	3,000		3,800	3,500	3,300	3,200	4,400	3,900	3,600	3,400
100	3,100	3,000			3,600	3,400	3,200	3,100	4,200	3,800	3,500	3,300
105	3,000				3,500	3,300	3,100	3,100	4,000	3,700	3,400	3,300
110					3,300	3,100	3,000	3,000	3,900	3,500	3,300	3,200
115					3,200	3,000	3,000		3,700	3,400	3,200	3,100
120					3,100	3,000	2,900		3,600	3,300	3,100	3,100
125					3,000	2,900			3,500	3,200	3,000	3,000
130									3,300	3,100	3,000	
135									3,200	3,000	2,900	
140									3,100	3,000	2,900	
145									3,000	2,900		
150									3,000	2,900		

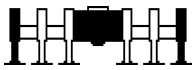
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	105.4	105.0	102.7	98.5	128.7	128.2	125.3	120.3	153.0	152.3	149.1	143.5
Capacity	3,000	3,000	2,900	3,000	3,000	2,900	2,900	3,000	3,000	2,900	2,900	3,000

1061130

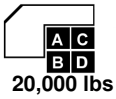
For sales us

Not for crane operations

Rated Lifting Capacities In Pounds


Full

74ft Offset Fly



20,000 lbs

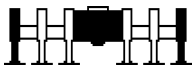
Radius (ft)	Boom Length (ft)											
	Fly Offset											
	111.2				137.2				164.1			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
35	7,000											
40	7,000				6,000							
45	7,000				6,000							
50	6,900				6,000				5,300			
55	6,700	5,700			6,000				5,300			
60	6,400	5,500			6,000	5,600			5,300			
65	6,200	5,300	4,700		6,000	5,400			5,300			
70	5,900	5,100	4,600		6,000	5,300			5,300	5,300		
75	5,700	4,900	4,400	4,000	5,900	5,100	4,500		5,300	5,200		
80	5,500	4,800	4,300	3,900	5,800	5,000	4,400	4,000	5,300	5,100		
85	5,300	4,600	4,100	3,800	5,600	4,800	4,300	3,900	5,300	5,000	4,400	
90	5,100	4,400	4,000	3,700	5,400	4,700	4,200	3,800	5,300	4,800	4,300	3,900
95	4,900	4,300	3,900	3,600	5,200	4,500	4,000	3,700	5,300	4,700	4,200	3,800
100	4,700	4,100	3,800	3,500	5,100	4,400	3,900	3,600	5,300	4,600	4,100	3,800
105	4,500	4,000	3,600	3,400	4,900	4,300	3,800	3,600	5,200	4,500	4,000	3,700
110	4,400	3,900	3,500	3,400	4,800	4,100	3,700	3,500	4,600	4,400	3,900	3,600
115	4,200	3,700	3,400	3,300	4,600	4,000	3,600	3,400	3,900	4,200	3,800	3,500
120	4,100	3,600	3,400	3,200	4,500	3,900	3,600	3,300	3,400	4,100	3,700	3,500
125	3,900	3,500	3,300	3,100	4,100	3,800	3,500	3,300	2,800	3,600	3,600	3,400
130	3,800	3,400	3,200	3,100	3,600	3,700	3,400	3,200	2,300	3,100	3,600	3,300
135	3,700	3,300	3,100	3,000	3,100	3,600	3,300	3,200	1,900	2,600	3,200	3,300
140	3,600	3,200	3,100	3,000	2,700	3,200	3,200	3,100	1,400	2,100	2,700	3,100
145	3,300	3,200	3,000	3,000	2,300	2,800	3,200	3,100	1,100	1,700	2,200	2,600
150	2,900	3,100	3,000		1,900	2,400	2,800	3,000		1,300	1,800	2,100
155	2,600	2,900	2,900		1,600	2,000	2,400	2,500		900	1,400	1,700
160	2,300	2,500	2,700		1,300	1,700	2,000	2,100			1,000	1,300
165	2,000	2,200	2,300		1,000	1,400	1,600	1,700				900
170	1,700	1,900				1,100	1,300					
175	1,500	1,600					1,000					

Min Angle	0.0	0.0	0.0	0.0	38.5	39.0	39.5	39.0	54.0	55.0	55.5	55.5
Max Rad.	178.2	177.4	173.9	167.9	167.5	174.2	176.9	176.9	148.1	155.8	162.5	165.6
Capacity	1,400	1,400	1,500	1,700	0	0	0	0	0	0	0	0

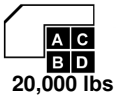
1061130

Not for crane operations

Rated Lifting Capacities In Pounds


Full

74ft Offset Fly



20,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	38.3				50.0				74.3			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
20	9,600				9,800							
25	8,700				8,900				9,100			
30	7,900	7,100			8,200				8,500			
35	7,200	6,500			7,600	6,700			8,000			
40	6,600	6,000			7,000	6,200			7,500	6,500		
45	6,100	5,500	5,200		6,500	5,800			7,100	6,100		
50	5,600	5,200	4,800		6,000	5,400	5,000		6,700	5,800		
55	5,200	4,800	4,500	4,300	5,600	5,100	4,700		6,300	5,500	4,900	
60	4,900	4,500	4,200	4,100	5,300	4,800	4,400	4,200	6,000	5,200	4,700	
65	4,500	4,200	4,000	3,800	4,900	4,500	4,200	4,000	5,600	5,000	4,500	4,200
70	4,200	4,000	3,800	3,600	4,600	4,200	4,000	3,800	5,300	4,700	4,300	4,000
75	4,000	3,700	3,600	3,500	4,400	4,000	3,800	3,600	5,100	4,500	4,100	3,800
80	3,800	3,500	3,400	3,300	4,100	3,800	3,600	3,500	4,800	4,300	3,900	3,700
85	3,500	3,400	3,200	3,200	3,900	3,600	3,400	3,300	4,600	4,100	3,800	3,600
90	3,400	3,200	3,100	3,100	3,700	3,500	3,300	3,200	4,400	3,900	3,600	3,500
95	3,200	3,100	3,000		3,500	3,300	3,200	3,100	4,100	3,800	3,500	3,400
100	3,100	3,000			3,400	3,200	3,100	3,000	4,000	3,600	3,400	3,300
105	3,000				3,200	3,100	3,000		3,800	3,500	3,300	3,200
110					3,100	3,000	2,900		3,600	3,400	3,200	3,100
115					3,000	2,900			3,500	3,200	3,100	3,000
120									3,400	3,100	3,000	
125									3,200	3,000	3,000	
130									3,100	3,000	2,900	
135									3,000	2,900		
140									3,000	2,900		

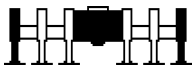
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	105.4	105.0	102.7	98.5	117.0	116.6	114.0	109.3	141.4	140.7	137.7	132.3
Capacity	3,000	3,000	2,900	3,000	3,000	2,900	2,900	3,000	3,000	2,900	2,900	3,000

1061140

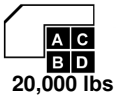
For sales us

Not for crane operations

Rated Lifting Capacities In Pounds


Full

74ft Offset Fly



20,000 lbs

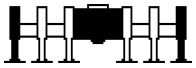
Radius (ft)	Boom Length (ft)											
	Fly Offset											
	99.5				125.5				152.4			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
30	8,500											
35	8,100											
40	7,800				7,500							
45	7,400				7,500							
50	7,100	6,000			7,200				6,500			
55	6,800	5,800			7,000	5,900			6,500			
60	6,400	5,500	4,900		6,700	5,700			6,500			
65	6,200	5,300	4,700		6,500	5,500			6,500	5,600		
70	5,900	5,100	4,500	4,100	6,300	5,300	4,700		6,400	5,500		
75	5,600	4,900	4,400	4,000	6,000	5,100	4,500	4,100	6,200	5,300	4,700	
80	5,400	4,700	4,200	3,900	5,800	5,000	4,400	4,000	6,100	5,200	4,500	
85	5,100	4,500	4,000	3,800	5,600	4,800	4,300	3,900	5,900	5,000	4,400	4,000
90	4,900	4,300	3,900	3,700	5,400	4,600	4,100	3,800	5,700	4,900	4,300	3,900
95	4,700	4,200	3,800	3,600	5,200	4,500	4,000	3,700	5,500	4,700	4,200	3,800
100	4,500	4,000	3,700	3,500	5,000	4,300	3,900	3,600	5,400	4,600	4,100	3,700
105	4,300	3,900	3,600	3,400	4,800	4,200	3,800	3,500	5,200	4,500	4,000	3,600
110	4,200	3,700	3,400	3,300	4,700	4,100	3,700	3,400	4,400	4,300	3,900	3,600
115	4,000	3,600	3,400	3,200	4,500	3,900	3,600	3,400	3,800	4,200	3,800	3,500
120	3,900	3,500	3,300	3,100	4,300	3,800	3,500	3,300	3,200	4,100	3,700	3,400
125	3,700	3,400	3,200	3,100	4,000	3,700	3,400	3,200	2,600	3,500	3,600	3,400
130	3,600	3,300	3,100	3,000	3,500	3,600	3,300	3,200	2,200	2,900	3,500	3,300
135	3,500	3,200	3,000	3,000	3,000	3,500	3,200	3,100	1,700	2,400	3,000	3,200
140	3,400	3,100	3,000		2,600	3,100	3,200	3,100	1,300	2,000	2,500	2,900
145	3,200	3,000	2,900		2,200	2,700	3,000	3,000		1,500	2,000	2,400
150	2,900	3,000	2,900		1,800	2,300	2,600	2,800		1,100	1,600	1,900
155	2,600	2,800	2,800		1,500	1,900	2,200	2,300			1,200	1,500
160	2,300	2,400			1,200	1,500	1,800					1,000
165	2,000				900	1,200	1,400					
170						900	1,100					

Min Angle	0.0	0.0	0.0	0.0	34.0	35.0	34.5	34.5	52.5	52.5	53.0	53.0
Max Rad.	166.5	165.7	162.4	156.5	165.8	170.8	173.1	171.9	145.0	153.8	159.4	162.5
Capacity	1,900	2,000	2,100	2,300	0	0	0	0	0	0	0	0

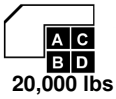
1061140

Not for crane operations

Rated Lifting Capacities In Pounds


Full

74ft Offset Fly



20,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	38.3				50.0				62.1			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
20	9,600				9,800							
25	8,700				8,900				9,100			
30	7,900				8,200				8,500			
35	7,200	6,500			7,600	6,700			7,900			
40	6,600	6,000			7,000	6,200			7,300	6,400		
45	6,100	5,500	5,200		6,500	5,800			6,900	6,000		
50	5,600	5,200	4,800		6,000	5,400	5,000		6,400	5,600	5,100	
55	5,200	4,800	4,500	4,300	5,600	5,100	4,700		6,000	5,300	4,800	
60	4,900	4,500	4,200	4,100	5,300	4,800	4,400	4,200	5,600	5,000	4,600	4,300
65	4,500	4,200	4,000	3,800	4,900	4,500	4,200	4,000	5,300	4,800	4,400	4,100
70	4,200	4,000	3,800	3,600	4,600	4,200	4,000	3,800	5,000	4,500	4,200	3,900
75	4,000	3,700	3,600	3,500	4,400	4,000	3,800	3,600	4,700	4,300	4,000	3,700
80	3,800	3,500	3,400	3,300	4,100	3,800	3,600	3,500	4,500	4,100	3,800	3,600
85	3,500	3,400	3,200	3,200	3,900	3,600	3,400	3,300	4,200	3,900	3,600	3,500
90	3,400	3,200	3,100	3,100	3,700	3,500	3,300	3,200	4,000	3,700	3,500	3,300
95	3,200	3,100	3,000		3,500	3,300	3,200	3,100	3,800	3,600	3,400	3,200
100	3,100	3,000			3,400	3,200	3,100	3,000	3,700	3,400	3,200	3,200
105	3,000				3,200	3,100	3,000		3,500	3,300	3,100	3,100
110					3,100	3,000	2,900		3,400	3,200	3,000	
115					3,000	2,900			3,200	3,000	3,000	
120									3,100	3,000	2,900	
125									3,000	2,900		

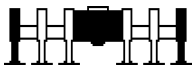
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	105.4	105.0	102.7	98.5	117.0	116.6	114.0	109.3	129.2	128.6	125.8	120.8
Capacity	3,000	3,000	2,900	3,000	3,000	2,900	2,900	3,000	3,000	2,900	2,900	3,000

1061150

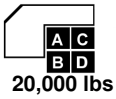
For sales us

Not for crane operations

Rated Lifting Capacities In Pounds


Full

74ft Offset Fly



20,000 lbs

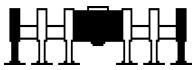
Radius (ft)	Boom Length (ft)											
	Fly Offset											
	87.3				113.4				140.3			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
30	8,700											
35	8,300				8,400							
40	7,800				8,000							
45	7,400	6,300			7,700				7,700			
50	7,000	6,000			7,400	6,200			7,500			
55	6,600	5,700	5,100		7,000	5,900			7,200			
60	6,300	5,400	4,800		6,700	5,700			7,000	5,900		
65	6,000	5,200	4,600	4,200	6,500	5,500	4,800		6,700	5,700		
70	5,700	4,900	4,400	4,100	6,200	5,300	4,600		6,500	5,500		
75	5,400	4,700	4,300	3,900	5,900	5,100	4,500	4,100	6,300	5,300	4,600	
80	5,100	4,500	4,100	3,800	5,700	4,900	4,300	4,000	6,100	5,100	4,500	4,100
85	4,900	4,300	3,900	3,700	5,400	4,700	4,200	3,900	5,900	5,000	4,400	4,000
90	4,700	4,200	3,800	3,600	5,200	4,500	4,000	3,700	5,700	4,800	4,200	3,900
95	4,500	4,000	3,700	3,500	5,000	4,400	3,900	3,600	5,500	4,700	4,100	3,800
100	4,300	3,800	3,500	3,400	4,800	4,200	3,800	3,500	5,300	4,500	4,000	3,700
105	4,100	3,700	3,400	3,300	4,600	4,100	3,700	3,500	5,100	4,400	3,900	3,600
110	3,900	3,600	3,300	3,200	4,500	3,900	3,600	3,400	4,400	4,200	3,800	3,500
115	3,800	3,400	3,200	3,100	4,300	3,800	3,500	3,300	3,700	4,100	3,700	3,400
120	3,600	3,300	3,100	3,100	4,100	3,700	3,400	3,200	3,100	4,000	3,600	3,400
125	3,500	3,200	3,100	3,000	4,000	3,600	3,300	3,200	2,600	3,400	3,500	3,300
130	3,400	3,100	3,000		3,500	3,500	3,200	3,100	2,100	2,900	3,400	3,300
135	3,300	3,000	2,900		3,000	3,400	3,200	3,100	1,700	2,300	2,900	3,200
140	3,200	3,000	2,900		2,600	3,100	3,100	3,000	1,200	1,900	2,400	2,800
145	3,100	2,900			2,200	2,600	3,000	3,000		1,500	1,900	2,300
150	3,000	2,900			1,900	2,200	2,500			1,100	1,500	1,800
155					1,500	1,900	2,100				1,100	1,300
160					1,200	1,500	1,700					900
165					900	1,200	1,300					
170						900						

Min Angle	0.0	0.0	0.0	0.0	25.5	25.0	26.0	30.0	49.0	49.0	49.5	49.5
Max Rad.	154.4	153.6	150.4	144.8	166.3	170.8	170.6	165.0	145.0	153.1	158.1	160.6
Capacity	2,800	2,800	2,900	3,000	0	0	0	0	0	0	0	0

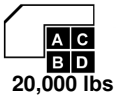
1061150

For sale
Not for crane operations

Rated Lifting Capacities In Pounds


Full

90ft Offset Fly



20,000 lbs

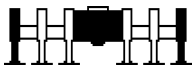
Radius (ft)	Boom Length (ft)											
	Fly Offset											
	38.3				61.7				86.0			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
20	8,300											
25	7,500											
30	6,800				6,900							
35	6,100	5,800			6,500				6,300			
40	5,600	5,300			6,000				6,100			
45	5,100	4,900			5,600	5,100			5,800			
50	4,700	4,500	4,300		5,200	4,800			5,500	5,000		
55	4,300	4,100	4,000		4,900	4,500	4,200		5,200	4,700		
60	4,000	3,800	3,700	3,600	4,600	4,200	4,000		4,900	4,500		
65	3,700	3,500	3,400	3,400	4,300	4,000	3,700	3,600	4,700	4,200	3,900	
70	3,400	3,300	3,200	3,200	4,000	3,700	3,500	3,400	4,400	4,000	3,800	3,600
75	3,200	3,100	3,000	3,000	3,800	3,500	3,300	3,200	4,200	3,800	3,600	3,400
80	2,900	2,800	2,800	2,800	3,500	3,300	3,100	3,000	4,000	3,600	3,400	3,200
85	2,700	2,700	2,600	2,600	3,300	3,100	3,000	2,900	3,800	3,500	3,200	3,100
90	2,600	2,500	2,400	2,400	3,100	2,900	2,800	2,700	3,600	3,300	3,100	3,000
95	2,400	2,300	2,300	2,300	2,900	2,800	2,700	2,600	3,400	3,100	2,900	2,800
100	2,200	2,200	2,200	2,200	2,800	2,600	2,500	2,500	3,200	3,000	2,800	2,700
105	2,100	2,100	2,000		2,600	2,500	2,400	2,400	3,100	2,800	2,700	2,600
110	2,000	1,900	1,900		2,500	2,300	2,300	2,200	2,900	2,700	2,600	2,500
115	1,900	1,800			2,300	2,200	2,200	2,200	2,800	2,600	2,500	2,400
120	1,800	1,800			2,200	2,100	2,100	2,100	2,600	2,500	2,400	2,300
125					2,100	2,000	2,000		2,500	2,400	2,300	2,200
130					2,000	1,900	1,900		2,400	2,300	2,200	2,100
135					1,900	1,800	1,800		2,300	2,200	2,100	2,100
140					1,800	1,800			2,200	2,100	2,000	2,000
145									2,100	2,000	1,900	
150									2,000	1,900	1,900	
155									1,900	1,900	1,800	
160									1,900	1,800		
165									1,800	1,800		

Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	121.4	120.8	118.2	113.4	144.7	144.1	141.0	135.6	169.0	168.3	164.9	159.0
Capacity	1,700	1,800	1,800	2,000	1,700	1,800	1,800	1,900	1,700	1,800	1,800	1,900

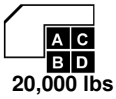
1061160

Not for crane operations

Rated Lifting Capacities In Pounds


Full

90ft Offset Fly



20,000 lbs

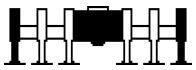
Radius (ft)	Boom Length (ft)											
	Fly Offset											
	111.2				137.2				164.1			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
40	5,200											
45	5,200				4,500							
50	5,200				4,500							
55	5,200	4,800			4,500							
60	5,100	4,600			4,500				4,000			
65	4,900	4,400			4,500	4,500			4,000			
70	4,700	4,200	3,900		4,500	4,300			4,000			
75	4,500	4,100	3,700		4,500	4,200			4,000			
80	4,300	3,900	3,600	3,400	4,500	4,100	3,700		4,000	4,100		
85	4,200	3,700	3,400	3,300	4,400	3,900	3,600		4,000	4,000		
90	4,000	3,600	3,300	3,100	4,200	3,800	3,500	3,300	4,000	3,900		
95	3,800	3,400	3,200	3,000	4,100	3,600	3,400	3,200	4,000	3,800	3,500	
100	3,600	3,300	3,000	2,900	3,900	3,500	3,200	3,100	4,000	3,700	3,400	3,200
105	3,500	3,200	2,900	2,800	3,800	3,400	3,100	3,000	4,000	3,600	3,300	3,100
110	3,300	3,000	2,800	2,700	3,700	3,300	3,000	2,900	3,900	3,500	3,200	3,000
115	3,200	2,900	2,700	2,600	3,500	3,200	2,900	2,800	3,800	3,400	3,100	2,900
120	3,000	2,800	2,600	2,500	3,400	3,000	2,800	2,700	3,400	3,300	3,000	2,800
125	2,900	2,700	2,500	2,400	3,300	2,900	2,700	2,600	2,800	3,200	2,900	2,700
130	2,800	2,600	2,400	2,400	3,200	2,800	2,600	2,500	2,300	3,100	2,800	2,700
135	2,700	2,500	2,300	2,300	3,000	2,700	2,600	2,500	1,900	2,600	2,700	2,600
140	2,600	2,400	2,300	2,200	2,700	2,600	2,500	2,400	1,400	2,200	2,700	2,500
145	2,500	2,300	2,200	2,100	2,300	2,600	2,400	2,300	1,100	1,700	2,300	2,500
150	2,400	2,200	2,100	2,100	1,900	2,400	2,300	2,300		1,300	1,900	2,200
155	2,300	2,100	2,000	2,000	1,600	2,000	2,200	2,200		1,000	1,400	1,800
160	2,200	2,000	2,000	2,000	1,300	1,700	2,000	2,100			1,100	1,400
165	2,000	2,000	1,900		1,000	1,400	1,700	1,900				1,000
170	1,700	1,900	1,900			1,100	1,400	1,500				
175	1,400	1,600	1,800				1,000	1,100				
180	1,200	1,400	1,400									
185	1,000	1,100										

Min Angle	18.5	20.0	26.0	8.0	45.0	45.5	46.5	46.5	58.5	58.5	59.0	59.5
Max Rad.	188.8	190.0	185.0	178.9	167.5	174.2	177.5	179.2	146.8	156.9	163.1	166.9
Capacity	0	0	0	0	0	0	0	0	0	0	0	0

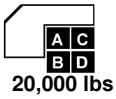
1061160

Not for crane operations

Rated Lifting Capacities In Pounds


Full

90ft Offset Fly



20,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	38.3				50.0				74.3			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
20	8,300											
25	7,500				7,600							
30	6,800				6,900				7,000			
35	6,100	5,800			6,400				6,600			
40	5,600	5,300			5,900	5,400			6,200			
45	5,100	4,900			5,400	5,000			5,800	5,300		
50	4,700	4,500	4,300		5,000	4,700	4,400		5,500	5,000		
55	4,300	4,100	4,000		4,700	4,300	4,100		5,200	4,700		
60	4,000	3,800	3,700	3,600	4,300	4,000	3,900	3,700	4,800	4,400	4,100	
65	3,700	3,500	3,400	3,400	4,000	3,800	3,600	3,500	4,600	4,200	3,900	
70	3,400	3,300	3,200	3,200	3,700	3,500	3,400	3,300	4,300	3,900	3,700	3,500
75	3,200	3,100	3,000	3,000	3,500	3,300	3,200	3,100	4,000	3,700	3,500	3,300
80	2,900	2,800	2,800	2,800	3,200	3,100	3,000	2,900	3,800	3,500	3,300	3,200
85	2,700	2,700	2,600	2,600	3,000	2,900	2,800	2,800	3,600	3,300	3,100	3,000
90	2,600	2,500	2,400	2,400	2,800	2,700	2,600	2,600	3,400	3,100	3,000	2,900
95	2,400	2,300	2,300	2,300	2,700	2,600	2,500	2,500	3,200	3,000	2,800	2,700
100	2,200	2,200	2,200	2,200	2,500	2,400	2,400	2,300	3,000	2,800	2,700	2,600
105	2,100	2,100	2,000		2,400	2,300	2,200	2,200	2,900	2,700	2,600	2,500
110	2,000	1,900	1,900		2,200	2,100	2,100	2,100	2,700	2,500	2,400	2,400
115	1,900	1,800			2,100	2,000	2,000		2,600	2,400	2,300	2,300
120	1,800	1,800			2,000	1,900	1,900		2,400	2,300	2,200	2,200
125					1,900	1,800			2,300	2,200	2,100	2,100
130					1,800	1,800			2,200	2,100	2,000	2,000
135									2,100	2,000	2,000	
140									2,000	1,900	1,900	
145									1,900	1,900	1,800	
150									1,900	1,800		
155									1,800	1,800		

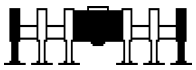
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	121.4	120.8	118.2	113.4	133.0	132.4	129.5	124.4	157.4	156.6	153.4	147.7
Capacity	1,700	1,800	1,800	2,000	1,700	1,800	1,800	1,900	1,700	1,800	1,800	1,900

1061170

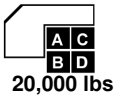
For sales us

Not for crane operations

Rated Lifting Capacities In Pounds


Full

90ft Offset Fly



20,000 lbs

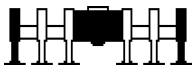
Radius (ft)	Boom Length (ft)											
	Fly Offset											
	99.5				125.5				152.4			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
35	6,500											
40	6,300											
45	6,000				5,600							
50	5,700	5,100			5,600				4,900			
55	5,500	4,900			5,600				4,900			
60	5,200	4,700			5,400	4,800			4,900			
65	5,000	4,400	4,100		5,200	4,600			4,900			
70	4,700	4,200	3,900		5,000	4,400			4,900	4,500		
75	4,500	4,000	3,700	3,500	4,800	4,200	3,900		4,900	4,400		
80	4,300	3,800	3,500	3,300	4,600	4,100	3,700	3,500	4,800	4,200	3,800	
85	4,100	3,700	3,400	3,200	4,400	3,900	3,600	3,400	4,600	4,100	3,700	
90	3,900	3,500	3,200	3,100	4,200	3,800	3,400	3,200	4,500	4,000	3,600	3,400
95	3,700	3,300	3,100	3,000	4,100	3,600	3,300	3,100	4,300	3,800	3,500	3,200
100	3,500	3,200	3,000	2,800	3,900	3,500	3,200	3,000	4,200	3,700	3,400	3,100
105	3,300	3,000	2,800	2,700	3,700	3,300	3,100	2,900	4,000	3,600	3,200	3,000
110	3,200	2,900	2,700	2,600	3,600	3,200	3,000	2,800	3,900	3,400	3,100	3,000
115	3,000	2,800	2,600	2,500	3,400	3,100	2,800	2,700	3,800	3,300	3,000	2,900
120	2,900	2,700	2,500	2,400	3,300	3,000	2,700	2,600	3,200	3,200	2,900	2,800
125	2,800	2,500	2,400	2,300	3,200	2,800	2,600	2,500	2,700	3,100	2,900	2,700
130	2,600	2,400	2,300	2,300	3,000	2,700	2,600	2,500	2,200	3,000	2,800	2,600
135	2,500	2,300	2,200	2,200	2,900	2,600	2,500	2,400	1,700	2,500	2,700	2,500
140	2,400	2,200	2,200	2,100	2,600	2,500	2,400	2,300	1,300	2,000	2,600	2,500
145	2,300	2,200	2,100	2,100	2,200	2,400	2,300	2,200	900	1,600	2,200	2,400
150	2,200	2,100	2,000	2,000	1,900	2,300	2,200	2,200		1,200	1,700	2,100
155	2,100	2,000	1,900		1,500	2,000	2,200	2,100			1,300	1,600
160	2,000	1,900	1,900		1,200	1,600	1,900	2,100			900	1,200
165	1,900	1,900	1,800		900	1,300	1,600	1,700				
170	1,700	1,800	1,800			1,000	1,200	1,300				
175	1,400	1,600					900					
180	1,200	1,300										

Min Angle	0.0	0.0	0.0	0.0	41.5	41.5	42.0	41.5	56.0	56.5	57.0	57.0
Max Rad.	182.5	181.7	178.2	172.1	165.8	172.5	175.8	176.9	145.8	154.4	160.8	164.4
Capacity	1,100	1,200	1,300	1,400	0	0	0	0	0	0	0	0

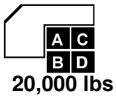
1061170

Not for crane operations

Rated Lifting Capacities In Pounds


Full

90ft Offset Fly



20,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	38.3				50.0				62.1			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
20	8,300											
25	7,500				7,600				7,600			
30	6,800				6,900				7,100			
35	6,100	5,800			6,400				6,600			
40	5,600	5,300			5,900	5,400			6,100	5,600		
45	5,100	4,900			5,400	5,000			5,700	5,200		
50	4,700	4,500	4,300		5,000	4,700	4,400		5,300	4,800		
55	4,300	4,100	4,000		4,700	4,300	4,100		4,900	4,500	4,300	
60	4,000	3,800	3,700	3,600	4,300	4,000	3,900	3,700	4,600	4,200	4,000	
65	3,700	3,500	3,400	3,400	4,000	3,800	3,600	3,500	4,300	4,000	3,800	3,600
70	3,400	3,300	3,200	3,200	3,700	3,500	3,400	3,300	4,000	3,700	3,500	3,400
75	3,200	3,100	3,000	3,000	3,500	3,300	3,200	3,100	3,800	3,500	3,300	3,200
80	2,900	2,800	2,800	2,800	3,200	3,100	3,000	2,900	3,500	3,300	3,200	3,100
85	2,700	2,700	2,600	2,600	3,000	2,900	2,800	2,800	3,300	3,100	3,000	2,900
90	2,600	2,500	2,400	2,400	2,800	2,700	2,600	2,600	3,100	2,900	2,800	2,700
95	2,400	2,300	2,300	2,300	2,700	2,600	2,500	2,500	2,900	2,800	2,700	2,600
100	2,200	2,200	2,200	2,200	2,500	2,400	2,400	2,300	2,800	2,600	2,500	2,500
105	2,100	2,100	2,000		2,400	2,300	2,200	2,200	2,600	2,500	2,400	2,400
110	2,000	1,900	1,900		2,200	2,100	2,100	2,100	2,500	2,400	2,300	2,300
115	1,900	1,800			2,100	2,000	2,000		2,300	2,200	2,200	2,200
120	1,800	1,800			2,000	1,900	1,900		2,200	2,100	2,100	2,100
125					1,900	1,800			2,100	2,000	2,000	
130					1,800	1,800			2,000	1,900	1,900	
135									1,900	1,900	1,800	
140									1,800	1,800		
145									1,700			

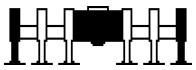
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	121.4	120.8	118.2	113.4	133.0	132.4	129.5	124.4	145.2	144.5	141.4	136.0
Capacity	1,700	1,800	1,800	2,000	1,700	1,800	1,800	1,900	1,700	1,800	1,800	1,900

1061180

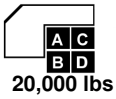
For sales us

Not for crane operations

Rated Lifting Capacities In Pounds


Full

90ft Offset Fly



20,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	87.3				113.4				140.3			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
35	6,800											
40	6,400				6,500							
45	6,100				6,200							
50	5,700	5,100			5,900				5,800			
55	5,400	4,800			5,700	5,000			5,800			
60	5,100	4,600	4,200		5,400	4,800			5,600			
65	4,800	4,300	4,000		5,200	4,600			5,400	4,800		
70	4,600	4,100	3,800	3,600	5,000	4,400	4,000		5,200	4,600		
75	4,300	3,900	3,600	3,400	4,700	4,200	3,800		5,000	4,400	4,000	
80	4,100	3,700	3,400	3,300	4,500	4,000	3,700	3,400	4,800	4,200	3,800	
85	3,900	3,500	3,300	3,100	4,300	3,800	3,500	3,300	4,600	4,100	3,700	3,400
90	3,700	3,300	3,100	3,000	4,100	3,700	3,400	3,200	4,500	3,900	3,600	3,300
95	3,500	3,200	3,000	2,900	3,900	3,500	3,200	3,100	4,300	3,800	3,400	3,200
100	3,300	3,000	2,800	2,700	3,700	3,400	3,100	2,900	4,100	3,600	3,300	3,100
105	3,100	2,900	2,700	2,600	3,600	3,200	3,000	2,800	4,000	3,500	3,200	3,000
110	3,000	2,700	2,600	2,500	3,400	3,100	2,900	2,700	3,800	3,400	3,100	2,900
115	2,800	2,600	2,500	2,400	3,300	3,000	2,800	2,600	3,700	3,200	3,000	2,800
120	2,700	2,500	2,400	2,300	3,100	2,800	2,600	2,500	3,200	3,100	2,900	2,700
125	2,600	2,400	2,300	2,200	3,000	2,700	2,600	2,500	2,700	3,000	2,800	2,600
130	2,400	2,300	2,200	2,200	2,900	2,600	2,500	2,400	2,200	2,900	2,700	2,600
135	2,300	2,200	2,100	2,100	2,700	2,500	2,400	2,300	1,700	2,500	2,600	2,500
140	2,200	2,100	2,000	2,000	2,600	2,400	2,300	2,200	1,300	2,000	2,500	2,400
145	2,100	2,000	2,000		2,300	2,300	2,200	2,200	900	1,600	2,100	2,300
150	2,000	1,900	1,900		1,900	2,200	2,100	2,100		1,200	1,700	2,000
155	1,900	1,900	1,800		1,600	2,000	2,100	2,000			1,200	1,500
160	1,900	1,800			1,300	1,600	1,900	2,000			900	1,100
165	1,800	1,800			1,000	1,300	1,500					
170	1,700					1,000	1,200					
175							900					

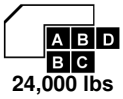
Min Angle	0.0	0.0	0.0	0.0	34.5	35.5	35.5	35.5	52.5	53.0	53.5	54.0
Max Rad.	170.4	169.6	166.2	160.3	167.5	172.5	175.6	174.4	145.8	154.4	160.6	163.1
Capacity	1,700	1,800	1,800	1,900	0	0	0	0	0	0	0	0

1061180

Not for crane operations

Rated Lifting Capacities In Pounds

Full



24,000 lbs

Radius (ft)	Boom Length (ft) Extend Mode										
	38.3	50.0	50.5	60.0	61.7	62.1	63.0	73.8	74.3	74.7	75.0
	ALL	EM1,2,3,4,5	EM6	EM2	EM1, EM4	EM3, EM5	EM6	EM4	EM2	EM5	EM1
7	220,000	*									
8	200,000	*									
9	174,000										
10	164,800	86,000	160,300	90,200	58,400	90,400	137,600				
12	147,000	80,400	146,900	85,000	54,200	85,400	137,600	55,600	59,800	88,300	55,500
15	122,000	73,000	124,800	78,200	49,000	78,700	124,700	50,900	54,200	82,400	50,900
20	89,100	63,600	92,000	68,900	42,000	69,700	92,900	44,700	46,800	74,100	44,800
25	68,700	56,300	71,700	61,800	36,700	62,600	72,700	39,800	41,000	67,400	40,000
30	53,100	50,800	57,000	56,000	32,700	56,900	58,100	35,800	36,400	59,900	36,000
35		44,300	43,700	45,900	29,400	46,100	44,800	32,500	32,800	46,500	32,700
40		35,200	34,600	36,800	26,700	37,100	35,900	29,800	29,700	37,500	29,900
45				30,300	24,400	30,500	29,400	27,500	26,800	31,100	27,300
50				25,300	22,600	25,600	24,400	25,500	24,200	26,100	25,100
55						21,700	20,600	23,200	22,100	22,200	23,300
60								20,000	19,700	19,100	20,100
65								17,500	17,100	16,600	17,600
Unpinned			106,000				106,400				
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	31.3	43.0	43.5	53.0	54.7	55.1	56.0	66.8	67.3	67.7	68.0
Capacity	33,100	24,700	23,800	19,700	19,400	18,800	17,400	15,200	14,700	14,200	14,900

1070070

**** Boom Centered Over Rear Only***

For sales use only

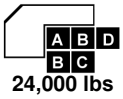
Radius (ft)	Boom Length (ft) Extend Mode										
	75.0	76.1	85.0	86.0	86.4	87.3	87.8	89.5	99.4	99.5	100.0
	EM3	EM6	EM2	EM1	EM4	EM3	EM5	EM6	EM4	EM2	EM1
12	88,300	120,400									
15	82,400	120,400	55,500	45,500	52,800	64,900	82,000	91,500			
20	74,100	92,700	48,600	39,600	47,000	56,200	77,000	91,500	48,600	47,500	41,100
25	67,400	72,600	43,200	34,900	42,400	49,500	70,800	71,700	44,400	42,200	36,900
30	59,900	57,900	38,800	31,100	38,600	44,000	59,400	56,800	40,800	37,800	33,100
35	46,500	44,600	35,200	28,000	35,400	39,600	46,100	43,700	37,700	34,000	30,200
40	37,500	35,700	32,100	25,400	32,500	35,900	37,100	34,800	35,000	31,000	27,600
45	31,100	29,300	29,500	23,200	30,200	31,300	30,700	28,500	31,700	28,400	25,400
50	26,100	24,500	26,900	21,300	27,200	26,400	25,800	23,700	26,800	26,100	23,600
55	22,200	20,600	23,000	19,700	23,400	22,600	22,000	19,900	22,900	23,200	21,900
60	19,100	17,500	19,900	18,200	20,300	19,500	18,900	16,900	19,800	20,100	20,500
65	16,600	15,000	17,300	17,000	17,700	16,900	16,300	14,400	17,300	17,600	18,200
70			15,300	15,800	15,600	14,800	14,300	12,300	15,300	15,500	16,100
75			13,400	14,200	13,800	13,000	12,500	10,500	13,500	13,700	14,400
80						11,500	10,900	9,000	11,900	12,100	12,800
85									10,500	10,800	11,400
90									9,400	9,600	10,200
Unpinned		106,300						91,500			
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	68.0	69.1	78.0	79.0	79.4	80.3	80.8	82.5	92.4	92.5	93.0
Capacity	14,100	12,400	11,900	12,300	11,900	10,900	10,300	8,100	8,800	8,900	9,500

1070070

Not for crane operations

Rated Lifting Capacities In Pounds

Full



24,000 lbs

Radius (ft)	Boom Length (ft) Extend Mode									
	100.0		110.0	111.2	113.4	114.6	115.0	125.0		125.5
	EM3	EM5	EM2	EM1	EM3	EM5	EM4	EM1	EM3	EM2
20	58,300	65,800	43,400	36,400	45,300	50,400	43,900			
25	52,000	65,800	43,400	36,400	45,300	50,400	43,900	29,900	38,700	33,300
30	46,800	58,400	39,500	33,700	44,200	50,400	42,300	29,900	38,700	33,300
35	42,500	45,100	35,900	31,000	40,000	44,200	39,400	29,900	38,700	33,300
40	37,300	36,100	32,700	28,500	36,300	35,300	36,900	29,800	36,300	32,700
45	30,900	29,800	30,100	26,200	30,600	29,000	30,600	27,900	30,000	30,100
50	26,000	24,900	26,700	24,100	25,700	24,200	25,700	26,000	25,100	26,300
55	22,200	21,200	22,800	22,300	21,900	20,400	21,900	23,400	21,300	22,400
60	19,200	18,100	19,800	20,800	18,900	17,400	18,800	20,300	18,300	19,400
65	16,700	15,700	17,200	18,200	16,400	15,000	16,300	17,800	15,800	16,900
70	14,600	13,600	15,200	16,100	14,400	12,900	14,300	15,800	13,800	14,900
75	12,800	11,800	13,400	14,400	12,600	11,200	12,600	14,000	12,000	13,100
80	11,300	10,300	11,900	12,800	11,100	9,700	11,000	12,500	10,500	11,600
85	9,900	8,900	10,500	11,500	9,700	8,300	9,700	11,100	9,200	10,300
90	8,700	7,800	9,300	10,300	8,500	7,200	8,500	9,900	8,000	9,100
95			8,300	9,200	7,500	6,100	7,500	8,900	7,000	8,000
100			7,400	8,300	6,600	5,200	6,500	8,000	6,100	7,100
105					5,800	4,400	5,700	7,100	5,300	6,300
110								6,400	4,500	5,500
115								5,700	3,900	4,900
Unpinned										
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	93.0	93.0	103.0	104.2	106.4	107.6	108.0	118.0	118.0	118.5
Capacity	8,100	7,100	6,900	7,600	5,600	4,000	5,300	5,400	3,500	4,400

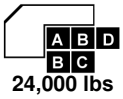
1070070

For sales use only

Not for crane operations

Rated Lifting Capacities In Pounds

Full



24,000 lbs

Radius (ft)	Boom Length (ft) Extend Mode						
	126.3 EM4	137.2 EM1	140.0 EM2	140.3 EM3	150.0 EM1	152.4 EM2	164.1 EM1
25	37,700	25,400					
30	37,700	25,400	28,300	30,800	22,500	24,400	
35	37,700	25,400	28,300	30,800	22,500	24,400	19,600
40	36,200	25,400	28,300	30,800	22,500	24,400	19,600
45	29,900	25,400	28,300	29,200	22,500	24,400	19,600
50	25,100	25,400	25,500	24,400	22,500	24,400	19,600
55	21,300	23,100	21,700	20,600	22,400	21,100	19,600
60	18,200	20,000	18,600	17,600	19,300	18,100	18,700
65	15,700	17,400	16,100	15,300	16,800	15,800	16,200
70	13,800	15,500	14,200	13,200	14,800	13,700	14,300
75	12,000	13,700	12,400	11,400	13,100	11,900	12,500
80	10,500	12,200	10,900	9,900	11,500	10,400	11,000
85	9,200	10,800	9,600	8,600	10,200	9,100	9,600
90	8,000	9,700	8,400	7,500	9,100	7,900	8,500
95	7,000	8,600	7,400	6,500	8,000	6,900	7,500
100	6,100	7,700	6,500	5,500	7,100	6,000	6,600
105	5,200	6,900	5,700	4,700	6,300	5,200	5,800
110	4,500	6,100	4,900	4,000	5,600	4,500	5,000
115	3,800	5,400	4,200	3,300	4,900	3,800	4,400
120		4,800	3,600	2,700	4,300	3,200	3,700
125		4,300	3,100	2,200	3,700	2,600	3,200
130		3,800	2,600	1,600	3,200	2,100	2,700
135					2,700	1,700	2,200
140					2,300	1,200	1,800
145							1,400
150							1,000
Unpinned							

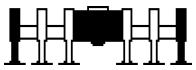
Min Angle	0.0	0.0	0.0	0.0	0.0	9.5	17.5
Max Rad.	119.3	130.2	133.0	133.3	143.0	144.1	151.9
Capacity	3,300	3,800	2,300	1,300	2,100	0	0

1070070

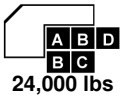
For sales use only

Not for crane operations

Rated Lifting Capacities In Pounds


Full

10ft Offset Fly
0°- 45° Offset



24,000 lbs

Radius (ft)	Boom Length (ft) Extend Mode										
	38.3	50.0	50.5	60.0	61.7	62.1	63.0	73.8	74.3	74.7	75.0
	ALL	EM1,2,3,4,5	EM6	EM2	EM1, EM4	EM3, EM5	EM6	EM4	EM2	EM5	EM1
10	42,100	42,900	42,900	47,700	47,700	47,700	47,700				
12	41,100	42,100	42,100	42,600	38,900	42,600	42,800	46,400	47,600	47,600	47,600
15	39,400	40,900	40,900	41,500	35,400	41,600	41,700	36,400	41,800	42,000	42,300
20	36,400	38,400	38,600	39,700	31,200	39,900	40,200	32,500	38,700	40,700	32,600
25	34,400	34,400	36,300	36,900	27,500	37,300	38,000	29,100	34,400	38,800	29,200
30	33,400	31,600	34,400	34,100	24,600	34,400	36,200	26,300	30,600	36,500	26,400
35	32,500	29,000	34,000	31,400	22,200	31,800	34,600	24,000	27,600	34,200	24,100
40	32,500	26,800	32,900	29,200	20,300	29,600	34,400	22,100	25,000	31,900	22,200
45		25,200	29,800	27,300	18,600	27,700	30,100	20,400	22,900	30,000	20,600
50		24,000	25,000	25,800	17,300	26,200	25,200	19,000	21,100	26,300	19,100
55				22,300	16,300	22,500	21,400	17,800	19,500	22,400	17,900
60				19,300	15,300	19,400	18,400	16,900	17,900	19,400	17,100
65						17,000	16,000	16,000	16,700	16,900	16,100
70								15,200	15,400	14,900	15,300
75								13,900	13,600	13,100	14,000
Unpinned			42,900				47,700				
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	41.4	53.1	53.5	63.1	64.7	65.2	66.1	76.9	77.4	77.8	78.1
Capacity	26,300	20,300	19,600	16,400	14,700	15,800	14,600	12,900	12,500	12,000	12,600

1071010

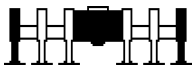
Sales use only

Radius (ft)	Boom Length (ft) Extend Mode										
	75.0	76.1	85.0	86.0	86.4	87.3	87.8	89.5	99.4	99.5	100.0
	EM3	EM6	EM2	EM1	EM4	EM3	EM5	EM6	EM4	EM2	EM1
12	47,600	47,600									
15	42,000	42,200	46,100	41,700	40,200	46,300	46,600	47,200			
20	40,700	40,900	39,600	32,700	33,700	40,800	41,000	41,300	34,500	38,500	32,800
25	38,800	39,200	35,300	29,700	30,500	39,300	39,600	40,100	31,600	35,600	30,300
30	36,500	37,500	32,000	27,000	27,800	37,800	38,100	38,500	29,100	32,400	28,000
35	34,200	36,000	29,000	24,300	25,600	34,900	35,900	37,100	27,000	29,800	25,700
40	32,000	34,800	26,600	22,000	23,700	31,900	34,000	34,800	25,100	27,600	23,600
45	30,000	29,600	24,500	20,100	22,100	29,100	30,600	28,500	23,500	25,600	21,700
50	26,300	24,700	22,700	18,500	20,600	26,300	25,700	23,700	22,000	23,700	20,100
55	22,400	21,000	21,100	17,200	19,400	22,400	21,900	20,000	20,800	21,900	18,700
60	19,400	17,900	19,700	16,000	18,300	19,400	18,800	17,000	19,500	19,800	17,400
65	16,900	15,500	17,300	14,900	17,300	16,900	16,300	14,600	17,000	17,200	16,400
70	14,900	13,500	15,300	13,900	15,600	14,900	14,400	12,600	15,000	15,200	15,400
75	13,100	11,700	13,500	13,000	13,800	13,100	12,600	10,800	13,300	13,500	14,100
80			12,000	12,200	12,300	11,600	11,100	9,300	11,700	11,900	12,500
85			10,700	11,400	11,000	10,300	9,800	8,000	10,400	10,600	11,200
90						9,200	8,700	6,900	9,300	9,500	10,100
95									8,300	8,500	9,000
100									7,400	7,600	8,200
Unpinned		47,600						47,200			
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	78.1	79.1	88.1	89.0	89.5	90.4	90.8	92.6	102.5	102.5	103.1
Capacity	11,900	10,400	10,000	10,400	10,000	9,100	8,500	6,500	7,000	7,200	7,700

1071010

Not for crane operations

Rated Lifting Capacities In Pounds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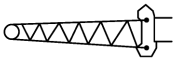
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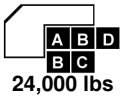
0°- 45° Offset



24,000 lbs

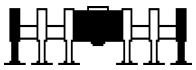
Radius (ft)	Boom Length (ft) Extend Mode									
	100.0		110.0	111.2	113.4	114.6	115.0	125.0		125.5
	EM3	EM5	EM2	EM1	EM3	EM5	EM4	EM1	EM3	EM2
20	40,800	41,100	32,700	27,200	35,500	39,500	32,900			
25	39,500	39,900	32,700	27,200	35,500	39,500	32,400	23,600	30,400	26,600
30	38,200	38,600	32,700	27,200	35,500	38,600	30,100	23,600	30,400	26,600
35	36,700	37,300	30,400	26,300	35,500	37,500	28,100	23,600	30,400	26,600
40	33,800	35,200	28,300	24,300	33,600	34,900	26,300	23,600	30,400	26,600
45	30,700	29,600	26,400	22,500	30,200	28,700	24,800	23,400	29,500	26,600
50	25,800	24,700	24,800	20,900	25,300	23,800	23,400	21,900	24,600	25,300
55	22,000	21,000	22,400	19,600	21,500	20,100	21,500	20,600	20,900	21,900
60	18,900	17,900	19,400	18,300	18,500	17,100	18,400	19,400	17,800	18,900
65	16,400	15,600	16,800	17,200	16,000	14,700	15,900	17,200	15,500	16,400
70	14,400	13,500	14,900	15,800	14,000	12,700	14,000	15,300	13,400	14,400
75	12,700	11,700	13,100	14,000	12,300	10,900	12,200	13,500	11,700	12,600
80	11,100	10,200	11,600	12,500	10,800	9,400	10,700	12,000	10,100	11,100
85	9,800	8,900	10,300	11,100	9,500	8,200	9,400	10,600	8,800	9,800
90	8,700	7,800	9,100	10,000	8,300	7,000	8,300	9,500	7,700	8,700
95	7,700	6,800	8,100	8,900	7,300	6,000	7,300	8,500	6,700	7,600
100	6,800	5,900	7,200	8,000	6,400	5,100	6,400	7,600	5,800	6,700
105			6,400	7,200	5,600	4,400	5,600	6,700	5,000	5,900
110			5,700	6,500	4,900	3,600	4,800	6,000	4,300	5,200
115					4,300	3,000	4,200	5,400	3,600	4,600
120								4,800	3,000	4,000
125								4,200	2,500	3,400
Unpinned										
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	103.1	103.1	113.1	114.2	116.4	117.7	118.1	128.1	128.1	128.6
Capacity	6,400	5,500	5,300	6,000	4,100	2,700	3,900	4,000	2,200	3,100

1071010

For sales use only

Not for crane operations

Rated Lifting Capacities In Pounds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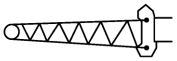
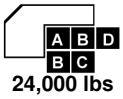

10ft Offset Fly
0°- 45° Offset



24,000 lbs

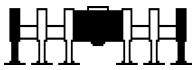
Radius (ft)	Boom Length (ft) Extend Mode						
	126.3 EM4	137.2 EM1	140.0 EM2	140.3 EM3	150.0 EM1	152.4 EM2	164.1 EM1
25	29,000	20,500					
30	29,000	20,500	23,100	25,400	18,500		
35	28,400	20,500	23,100	25,400	18,500	20,400	15,900
40	26,800	20,500	23,100	25,400	18,500	20,400	15,900
45	25,300	20,500	23,100	25,400	18,500	20,400	15,900
50	23,900	20,500	23,100	23,900	18,500	20,400	15,900
55	20,800	20,500	21,100	20,100	18,500	20,400	15,900
60	17,800	19,400	18,100	17,100	18,500	17,500	15,900
65	15,400	16,900	15,700	14,800	16,200	15,200	15,700
70	13,400	14,900	13,700	12,700	14,200	13,100	13,600
75	11,600	13,100	11,900	11,000	12,500	11,400	11,900
80	10,100	11,600	10,400	9,500	11,000	9,900	10,300
85	8,800	10,300	9,100	8,200	9,600	8,600	9,000
90	7,700	9,100	7,900	7,000	8,500	7,400	7,900
95	6,700	8,100	6,900	6,000	7,500	6,400	6,900
100	5,800	7,200	6,000	5,100	6,600	5,500	6,000
105	5,000	6,400	5,200	4,300	5,800	4,700	5,200
110	4,300	5,700	4,500	3,600	5,000	4,000	4,500
115	3,600	5,000	3,800	3,000	4,400	3,300	3,800
120	3,000	4,400	3,200	2,400	3,800	2,700	3,200
125	2,500	3,900	2,700	1,800	3,200	2,200	2,600
130		3,400	2,200	1,300	2,700	1,700	2,100
135		2,900	1,700		2,300	1,200	1,700
140		2,500	1,300		1,800		1,200
145					1,500		
150					1,100		
Unpinned							
Min Angle	0.0	0.0	0.0	22.5	0.0	29.5	32.5
Max Rad.	129.4	140.3	143.1	134.6	153.1	138.9	145.0
Capacity	2,100	2,500	1,100	0	900	0	0

1071010

For sales use only

Not for crane operations

Rated Lifting Capacities In Pounds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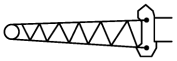
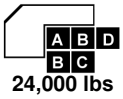

35ft Offset Fly



24,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	38.3				61.7				86.0			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
10	28,700											
12	26,800											
15	24,400				25,200							
20	21,100	16,900			23,000				21,300			
25	18,600	15,300	13,000		21,000	16,400			20,700			
30	16,700	14,000	12,100	10,800	19,200	15,400	12,800		19,700	15,800		
35	15,000	12,900	11,400	10,300	17,700	14,400	12,200		18,700	15,100		
40	13,600	12,000	10,800	9,900	16,500	13,600	11,600	10,400	17,700	14,400	12,100	
45	12,500	11,200	10,200	9,600	15,300	12,800	11,200	10,100	16,800	13,800	11,700	10,400
50	11,500	10,500	9,700	9,200	14,300	12,200	10,700	9,800	16,000	13,200	11,300	10,100
55	10,700	9,900	9,300	8,900	13,100	11,600	10,400	9,600	15,200	12,700	11,000	9,900
60	9,900	9,300	8,900		12,000	11,000	10,000	9,300	14,400	12,200	10,700	9,800
65	9,200	8,900			11,000	10,500	9,600	9,100	13,300	11,700	10,400	9,500
70					10,200	9,800	9,300	8,900	12,300	11,300	10,100	9,300
75					9,500	9,200	9,000		11,500	10,900	9,800	9,100
80					8,900	8,600	8,500		10,700	10,300	9,500	9,000
85					8,300	8,200			10,000	9,800	9,300	8,900
90									9,300	9,200	8,900	8,800
95									8,800	8,700	8,600	
100									8,200	8,200	8,100	
105									7,700	7,700	7,700	
110									7,300	7,300		

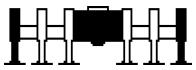
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	66.4	66.3	65.0	62.5	89.7	89.5	87.8	84.7	114.0	113.7	111.8	108.3
Capacity	9,000	8,900	8,900	8,900	7,900	8,000	8,100	8,500	7,000	7,000	7,300	7,700

1071070

For sales us

Not for crane operations

Rated Lifting Capacities In Pounds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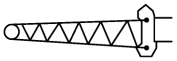
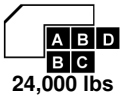

35ft Offset Fly



24,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	111.2				137.2				164.1			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
25	16,200											
30	16,200											
35	16,200				13,200							
40	16,200	14,500			13,200				11,100			
45	16,200	14,100	12,000		13,200	13,700			11,100			
50	16,200	13,600	11,700	10,400	13,200	13,600			11,100			
55	15,800	13,200	11,400	10,200	13,200	13,300	11,600		11,100	11,600		
60	15,300	12,800	11,100	10,000	13,200	13,000	11,400	10,200	11,100	11,600		
65	14,800	12,500	10,900	9,900	13,200	12,700	11,200	10,100	11,100	11,600	11,300	
70	14,300	12,100	10,600	9,700	13,200	12,500	11,000	9,900	11,100	11,600	11,100	10,100
75	13,500	11,800	10,400	9,500	13,200	12,200	10,800	9,700	11,100	11,600	11,000	9,900
80	12,600	11,400	10,200	9,300	12,200	11,900	10,600	9,600	10,900	11,600	10,800	9,800
85	11,800	11,100	9,900	9,200	10,900	11,600	10,400	9,400	9,600	10,400	10,700	9,600
90	10,700	10,600	9,700	9,000	9,700	10,300	10,200	9,300	8,400	9,200	9,800	9,500
95	9,600	10,100	9,500	8,900	8,700	9,200	9,700	9,200	7,400	8,100	8,700	9,100
100	8,700	9,100	9,200	8,800	7,700	8,300	8,700	9,000	6,500	7,100	7,700	8,100
105	7,900	8,200	8,500	8,600	6,900	7,400	7,800	8,000	5,700	6,300	6,800	7,100
110	7,100	7,400	7,700	7,800	6,200	6,600	7,000	7,200	4,900	5,500	5,900	6,300
115	6,400	6,700	6,900		5,500	5,900	6,200	6,400	4,300	4,800	5,200	5,500
120	5,800	6,100	6,200		4,900	5,300	5,500	5,700	3,700	4,100	4,500	4,800
125	5,300	5,500	5,600		4,400	4,700	4,900	5,000	3,100	3,600	3,900	4,100
130	4,800	4,900			3,800	4,100	4,300	4,400	2,600	3,000	3,300	3,500
135	4,300	4,400			3,400	3,600	3,800		2,100	2,500	2,800	3,000
140					2,900	3,200	3,300		1,700	2,000	2,300	2,500
145					2,500	2,700	2,900		1,300	1,600	1,900	2,000
150					2,200	2,300	2,400		900	1,200	1,400	1,500
155					1,800	2,000					1,000	
160					1,500	1,600						
165					1,300							

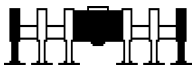
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	41.5	42.0	41.5	41.5
Max Rad.	139.2	138.8	136.7	132.9	165.3	164.8	162.6	158.6	150.8	154.4	157.5	158.1
Capacity	4,000	4,100	4,200	4,400	1,300	1,300	1,300	1,400	0	0	0	0

1071070

For SALES only

Not for crane operations

Rated Lifting Capacities In Pounds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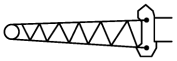
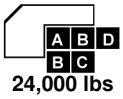

35ft Offset Fly



24,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	38.3				50.0				74.3			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
10	28,700											
12	26,800				27,600							
15	24,400				25,500							
20	21,100	16,900			22,600	17,400			23,400			
25	18,600	15,300	13,000		20,200	16,000			21,700	16,900		
30	16,700	14,000	12,100	10,800	18,200	14,800	12,500		20,200	15,900		
35	15,000	12,900	11,400	10,300	16,700	13,800	11,800	10,500	18,800	15,000	12,500	
40	13,600	12,000	10,800	9,900	15,300	12,900	11,300	10,200	17,500	14,200	12,000	10,500
45	12,500	11,200	10,200	9,600	14,100	12,100	10,700	9,900	16,500	13,500	11,500	10,300
50	11,500	10,500	9,700	9,200	13,000	11,400	10,300	9,600	15,500	12,800	11,100	10,000
55	10,700	9,900	9,300	8,900	12,100	10,800	9,900	9,300	14,600	12,200	10,700	9,800
60	9,900	9,300	8,900		11,400	10,300	9,500	9,000	13,700	11,700	10,400	9,600
65	9,200	8,900			10,700	9,800	9,100	8,900	13,000	11,200	10,100	9,300
70					10,000	9,300	8,900		12,300	10,800	9,800	9,100
75					9,300	8,900			11,700	10,400	9,500	9,000
80									11,200	10,000	9,200	8,900
85									10,700	9,600	9,000	
90									10,100	9,300	8,800	
95									9,500	9,000	8,800	
100									9,000	8,800		

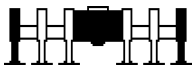
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	66.4	66.3	65.0	62.5	78.0	77.9	76.4	73.5	102.4	102.1	100.2	96.9
Capacity	9,000	8,900	8,900	8,900	9,000	8,900	8,900	8,900	8,600	8,700	8,800	8,800

1071080

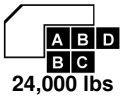
For sales us

Not for crane operations

Rated Lifting Capacities In Pounds


Full

35ft Offset Fly



24,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	99.5				125.5				152.4			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
25	21,100											
30	20,300				17,300							
35	19,400	15,500			17,300							
40	18,500	14,800	12,400		17,300	15,000			13,800			
45	17,600	14,200	12,000	10,500	17,300	14,500			13,800			
50	16,900	13,700	11,600	10,300	17,000	14,100	11,900		13,800	14,000		
55	16,100	13,200	11,300	10,100	16,500	13,700	11,600	10,300	13,800	13,700	11,800	
60	15,400	12,700	11,000	9,900	16,000	13,300	11,400	10,100	13,800	13,400	11,600	
65	14,700	12,300	10,700	9,800	15,500	12,900	11,100	10,000	13,800	13,100	11,400	10,200
70	14,100	11,900	10,500	9,500	15,100	12,600	10,900	9,900	13,800	12,900	11,200	10,000
75	13,500	11,500	10,200	9,300	13,500	12,200	10,700	9,700	12,100	12,600	11,000	9,900
80	12,900	11,100	10,000	9,200	11,900	11,900	10,500	9,500	10,600	11,500	10,800	9,800
85	11,600	10,800	9,700	9,000	10,600	11,300	10,300	9,300	9,300	10,100	10,600	9,600
90	10,400	10,500	9,500	8,900	9,400	10,000	10,100	9,200	8,100	8,900	9,500	9,500
95	9,400	9,800	9,200	8,800	8,400	8,900	9,400	9,100	7,100	7,800	8,400	8,800
100	8,400	8,800	9,100	8,800	7,500	8,000	8,400	8,700	6,200	6,800	7,400	7,800
105	7,600	7,900	8,200		6,600	7,100	7,500	7,700	5,300	5,900	6,400	6,800
110	6,900	7,100	7,300		5,900	6,300	6,700	6,800	4,600	5,200	5,600	5,900
115	6,200	6,400	6,500		5,200	5,600	5,900	6,100	4,000	4,500	4,900	5,200
120	5,600	5,800			4,600	5,000	5,200	5,300	3,400	3,800	4,200	4,400
125	5,100	5,200			4,100	4,400	4,600		2,800	3,200	3,600	3,800
130					3,600	3,800	4,000		2,300	2,700	3,000	3,200
135					3,100	3,300	3,500		1,800	2,200	2,500	2,600
140					2,700	2,900	3,000		1,400	1,700	2,000	2,100
145					2,300	2,400			1,000	1,300	1,500	
150					1,900	2,000				900	1,100	

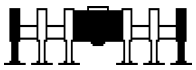
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	38.5	38.5	38.5	38.5
Max Rad.	127.5	127.2	125.1	121.4	153.6	153.1	151.0	147.1	146.9	150.6	153.0	153.1
Capacity	4,900	4,900	5,100	5,300	1,700	1,800	1,800	1,900	0	0	0	0

1071080

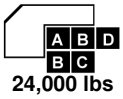
For Sale Use Only

Not for crane operations

Rated Lifting Capacities In Pounds


Full

35ft Offset Fly



24,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	38.3				50.0				62.1			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
10	28,700											
12	26,800				27,600							
15	24,400				25,500				26,000			
20	21,100	16,900			22,600	17,400			23,500			
25	18,600	15,300	13,000		20,200	16,000			21,400	16,600		
30	16,700	14,000	12,100	10,800	18,200	14,800	12,500		19,500	15,500	12,800	
35	15,000	12,900	11,400	10,300	16,700	13,800	11,800	10,500	17,900	14,500	12,200	10,700
40	13,600	12,000	10,800	9,900	15,300	12,900	11,300	10,200	16,700	13,600	11,700	10,400
45	12,500	11,200	10,200	9,600	14,100	12,100	10,700	9,900	15,500	12,900	11,200	10,100
50	11,500	10,500	9,700	9,200	13,000	11,400	10,300	9,600	14,400	12,200	10,700	9,800
55	10,700	9,900	9,300	8,900	12,100	10,800	9,900	9,300	13,500	11,600	10,400	9,600
60	9,900	9,300	8,900		11,400	10,300	9,500	9,000	12,600	11,100	10,000	9,300
65	9,200	8,900			10,700	9,800	9,100	8,900	11,900	10,600	9,700	9,100
70					10,000	9,300	8,900		11,200	10,200	9,300	8,900
75					9,300	8,900			10,700	9,700	9,100	
80									10,100	9,300	8,900	
85									9,500	9,000		
90									9,000			
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	66.4	66.3	65.0	62.5	78.0	77.9	76.4	73.5	90.2	90.0	88.3	85.1
Capacity	9,000	8,900	8,900	8,900	9,000	8,900	8,900	8,900	9,000	9,000	8,800	8,900

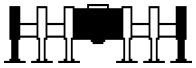
1071090

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	87.3				113.4				140.3			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
20	23,700											
25	22,300				20,900							
30	20,900	16,300			20,800							
35	19,700	15,500	12,700		19,900	15,800			17,300			
40	18,500	14,700	12,200		19,100	15,200			17,300			
45	17,400	14,000	11,800	10,400	18,300	14,700	12,200		17,300	14,800		
50	16,600	13,400	11,400	10,200	17,600	14,100	11,900	10,400	17,300	14,400	12,100	
55	15,600	12,800	11,100	10,000	16,900	13,600	11,600	10,200	17,000	14,000	11,900	
60	14,800	12,300	10,700	9,800	16,200	13,200	11,300	10,000	16,600	13,600	11,600	10,200
65	14,100	11,900	10,500	9,600	15,600	12,800	11,000	9,900	15,700	13,300	11,400	10,100
70	13,400	11,400	10,200	9,400	15,000	12,400	10,700	9,800	13,700	13,000	11,100	10,000
75	12,800	11,000	9,900	9,200	13,300	12,000	10,500	9,600	11,900	12,600	10,900	9,900
80	12,200	10,700	9,600	9,000	11,800	11,600	10,300	9,400	10,400	11,300	10,700	9,700
85	11,500	10,400	9,400	8,900	10,400	11,100	10,100	9,200	9,000	9,900	10,500	9,500
90	10,300	10,000	9,200	8,800	9,300	9,900	9,800	9,100	7,900	8,600	9,300	9,400
95	9,300	9,600	9,000		8,200	8,800	9,200	9,000	6,900	7,600	8,100	8,600
100	8,400	8,700	8,800		7,300	7,800	8,200	8,400	6,000	6,600	7,100	7,500
105	7,500	7,800	7,900		6,500	6,900	7,300	7,500	5,100	5,700	6,200	6,500
110	6,800	7,000			5,800	6,200	6,400	6,600	4,400	5,000	5,400	5,700
115	6,200				5,100	5,400	5,700		3,800	4,300	4,600	4,900
120					4,500	4,800	5,000		3,200	3,600	4,000	4,200
125					4,000	4,200	4,300		2,600	3,000	3,300	3,500
130					3,500	3,700			2,100	2,500	2,700	2,900
135					3,000	3,100			1,600	2,000	2,200	
140					2,600				1,200	1,500	1,700	
145										1,100	1,200	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33.5	33.5	33.5	34.0
Max Rad.	115.4	115.1	113.1	109.6	141.4	141.0	138.9	135.1	144.4	147.6	149.4	148.5
Capacity	6,200	6,200	6,400	6,800	2,500	2,500	2,600	2,800	0	0	0	0

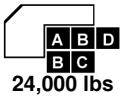
1071090

For sales use only
Not for rental operations

Rated Lifting Capacities In Pounds


Full

58ft Offset Fly



24,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	38.3				61.7				86.0			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
15	16,600											
20	14,700				14,300							
25	13,000				13,400				12,400			
30	11,600	9,600			12,500				11,900			
35	10,500	8,800			11,700	9,400			11,500			
40	9,500	8,200	7,200		10,900	8,800			11,000	9,100		
45	8,700	7,600	6,700		10,100	8,300			10,600	8,700		
50	8,100	7,100	6,300	5,700	9,400	7,900	6,700		10,100	8,300		
55	7,500	6,700	6,000	5,500	8,800	7,400	6,400		9,700	7,900	6,700	
60	6,900	6,300	5,700	5,200	8,300	7,100	6,100	5,500	9,200	7,600	6,400	
65	6,500	5,900	5,400	5,100	7,800	6,700	5,900	5,300	8,800	7,300	6,200	5,500
70	6,000	5,600	5,200	4,900	7,300	6,400	5,700	5,200	8,300	7,000	6,000	5,400
75	5,700	5,300	5,000	4,800	6,900	6,100	5,500	5,100	8,000	6,700	5,800	5,200
80	5,300	5,100	4,900	4,800	6,600	5,800	5,300	5,000	7,600	6,500	5,700	5,100
85	5,000	4,900	4,800		6,200	5,600	5,200	4,900	7,200	6,200	5,500	5,000
90					5,900	5,400	5,000	4,800	6,900	6,000	5,400	5,000
95					5,600	5,200	4,900	4,800	6,600	5,800	5,200	4,900
100					5,400	5,000	4,800		6,300	5,600	5,100	4,800
105					5,100	4,900	4,700		6,100	5,500	5,000	4,800
110					4,900	4,800			5,800	5,300	4,900	4,700
115									5,600	5,200	4,800	4,700
120									5,400	5,000	4,800	
125									5,200	4,900	4,700	
130									5,000	4,800		
135									4,900	4,700		

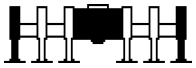
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	89.4	89.2	87.3	84.0	112.7	112.3	109.8	105.3	137.0	136.4	133.5	128.2
Capacity	4,800	4,900	4,800	4,800	4,800	4,800	4,700	4,800	4,800	4,700	4,700	4,700

1071100

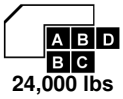
For sales us

Not for crane operations

Rated Lifting Capacities In Pounds


Full

58ft Offset Fly



24,000 lbs

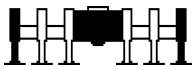
Radius (ft)	Boom Length (ft)											
	Fly Offset											
	111.2				137.2				164.1			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
30	10,100											
35	10,100											
40	10,100				8,600							
45	10,100				8,600							
50	10,000	8,500			8,600				7,500			
55	9,700	8,200			8,600	8,200			7,500			
60	9,500	7,900			8,600	8,000			7,500			
65	9,200	7,600	6,400		8,600	7,800			7,500	7,800		
70	8,900	7,400	6,300	5,500	8,600	7,600	6,400		7,500	7,600		
75	8,600	7,100	6,100	5,400	8,600	7,400	6,300		7,500	7,500		
80	8,300	6,900	5,900	5,300	8,600	7,200	6,100	5,400	7,500	7,300	6,300	
85	8,000	6,700	5,800	5,200	8,400	7,000	6,000	5,300	7,500	7,200	6,100	
90	7,700	6,500	5,700	5,100	8,200	6,800	5,900	5,200	7,500	7,000	6,000	5,300
95	7,400	6,300	5,500	5,000	7,900	6,700	5,700	5,100	7,500	6,900	5,900	5,200
100	7,200	6,100	5,400	5,000	7,700	6,500	5,600	5,100	7,000	6,700	5,800	5,200
105	6,900	5,900	5,300	4,900	7,500	6,300	5,500	5,000	6,200	6,600	5,700	5,100
110	6,700	5,800	5,200	4,900	6,700	6,200	5,400	5,000	5,500	6,400	5,600	5,100
115	6,400	5,600	5,100	4,800	6,000	6,000	5,300	4,900	4,800	5,700	5,500	5,000
120	6,200	5,500	5,000	4,800	5,400	5,900	5,200	4,900	4,200	5,000	5,400	5,000
125	5,800	5,400	4,900	4,700	4,900	5,500	5,200	4,800	3,600	4,400	5,000	4,900
130	5,300	5,200	4,800	4,700	4,300	4,900	5,100	4,800	3,100	3,800	4,400	4,900
135	4,800	5,100	4,800	4,700	3,900	4,400	4,800	4,700	2,600	3,300	3,900	4,300
140	4,400	4,700	4,700		3,400	3,900	4,300	4,500	2,200	2,800	3,300	3,700
145	4,000	4,300	4,400		3,000	3,500	3,800	4,000	1,800	2,400	2,900	3,200
150	3,600	3,800	3,900		2,700	3,100	3,300	3,500	1,400	2,000	2,400	2,700
155	3,300	3,500			2,300	2,700	2,900	3,000	1,100	1,600	2,000	2,200
160	3,000	3,100			2,000	2,300	2,500			1,200	1,600	1,800
165					1,700	2,000	2,100			900	1,200	1,400
170					1,400	1,600	1,800				900	1,000
175					1,100	1,300	1,400					
180					900	1,000						

Min Angle	0.0	0.0	0.0	0.0	19.0	18.5	24.0	7.5	46.0	46.5	47.0	47.5
Max Rad.	162.2	161.5	158.1	152.4	181.3	183.8	180.0	173.0	158.1	165.8	170.6	171.9
Capacity	2,900	3,000	3,100	3,400	0	0	0	0	0	0	0	0

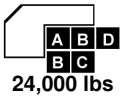
1071100

Not for crane operations

Rated Lifting Capacities In Pounds


Full

58ft Offset Fly



24,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	38.3				50.0				74.3			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
15	16,600				16,300							
20	14,700				14,900							
25	13,000				13,600				13,500			
30	11,600	9,600			12,400	9,900			12,700			
35	10,500	8,800			11,300	9,200			12,000			
40	9,500	8,200	7,200		10,300	8,600			11,400	9,100		
45	8,700	7,600	6,700		9,500	8,000	6,900		10,700	8,600		
50	8,100	7,100	6,300	5,700	8,800	7,600	6,600		10,100	8,200	6,900	
55	7,500	6,700	6,000	5,500	8,200	7,100	6,200	5,600	9,500	7,800	6,600	
60	6,900	6,300	5,700	5,200	7,700	6,700	5,900	5,400	8,900	7,400	6,300	5,600
65	6,500	5,900	5,400	5,100	7,200	6,300	5,700	5,200	8,400	7,100	6,100	5,400
70	6,000	5,600	5,200	4,900	6,700	6,000	5,500	5,100	8,000	6,800	5,900	5,300
75	5,700	5,300	5,000	4,800	6,300	5,700	5,300	4,900	7,500	6,500	5,700	5,200
80	5,300	5,100	4,900	4,800	6,000	5,500	5,100	4,900	7,200	6,200	5,500	5,100
85	5,000	4,900	4,800		5,600	5,300	5,000	4,800	6,800	6,000	5,300	5,000
90					5,300	5,100	4,800		6,500	5,700	5,200	4,900
95					5,100	4,900	4,700		6,200	5,500	5,100	4,800
100					4,900	4,800			5,900	5,300	5,000	4,800
105									5,600	5,200	4,900	4,800
110									5,400	5,000	4,800	
115									5,200	4,900	4,700	
120									5,000	4,800		
125									4,800			

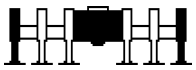
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	89.4	89.2	87.3	84.0	101.0	100.7	98.5	94.5	125.4	124.8	122.0	117.1
Capacity	4,800	4,900	4,800	4,800	4,800	4,800	4,700	4,800	4,800	4,800	4,700	4,800

1071110

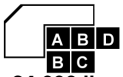
For sales us

Not for crane operations

Rated Lifting Capacities In Pounds


Full

58ft Offset Fly



24,000 lbs

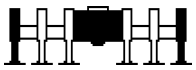
Radius (ft)	Boom Length (ft)											
	Fly Offset											
	99.5				125.5				152.4			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
30	12,300											
35	11,800				10,800							
40	11,400				10,800							
45	11,000	8,900			10,700				9,200			
50	10,600	8,600			10,500	8,700			9,200			
55	10,200	8,200	6,800		10,200	8,400			9,200			
60	9,800	7,900	6,600		9,900	8,200			9,200	8,300		
65	9,300	7,600	6,400	5,600	9,600	7,900	6,600		9,200	8,100		
70	8,900	7,300	6,200	5,400	9,400	7,700	6,400		9,200	7,900		
75	8,500	7,000	6,000	5,300	9,100	7,400	6,200	5,400	9,200	7,600	6,400	
80	8,100	6,800	5,800	5,200	8,800	7,200	6,100	5,300	9,000	7,500	6,300	5,400
85	7,800	6,500	5,700	5,100	8,500	7,000	5,900	5,300	8,800	7,300	6,100	5,400
90	7,500	6,300	5,500	5,000	8,200	6,800	5,800	5,200	8,600	7,100	6,000	5,300
95	7,100	6,100	5,400	5,000	7,900	6,600	5,700	5,100	7,700	6,900	5,900	5,200
100	6,900	5,900	5,300	4,900	7,600	6,400	5,600	5,000	6,800	6,700	5,800	5,100
105	6,600	5,700	5,200	4,900	7,300	6,200	5,400	5,000	6,000	6,600	5,700	5,100
110	6,300	5,600	5,100	4,800	6,500	6,100	5,300	4,900	5,200	6,200	5,600	5,000
115	6,100	5,400	5,000	4,800	5,900	5,900	5,200	4,900	4,600	5,400	5,500	5,000
120	5,900	5,300	4,900	4,700	5,300	5,700	5,200	4,800	4,000	4,800	5,400	4,900
125	5,700	5,200	4,800	4,700	4,700	5,300	5,100	4,800	3,400	4,200	4,800	4,900
130	5,200	5,000	4,800		4,200	4,700	5,000	4,700	2,900	3,600	4,200	4,600
135	4,700	4,900	4,700		3,700	4,200	4,600	4,700	2,400	3,100	3,600	4,000
140	4,300	4,500	4,600		3,300	3,700	4,100	4,200	2,000	2,600	3,100	3,400
145	3,900	4,100			2,900	3,300	3,600	3,700	1,600	2,200	2,600	2,900
150	3,600				2,500	2,900	3,100		1,200	1,700	2,200	2,400
155					2,200	2,500	2,700		900	1,400	1,700	1,900
160					1,800	2,100	2,200			1,000	1,300	1,500
165					1,500	1,800					900	1,100
170					1,300	1,400						
175					1,000							

Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	43.0	44.0	45.0	44.0
Max Rad.	150.5	149.8	146.7	141.1	176.6	175.7	172.3	166.3	155.6	162.5	165.8	168.1
Capacity	3,600	3,600	3,800	4,100	1,000	1,000	1,100	1,200	0	0	0	0

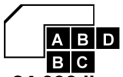
1071110

For sale
Not for crane operations

Rated Lifting Capacities In Pounds


Full

58ft Offset Fly



24,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	38.3				50.0				62.1			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
15	16,600				16,300							
20	14,700				14,900				14,800			
25	13,000				13,600				13,800			
30	11,600	9,600			12,400	9,900			12,800			
35	10,500	8,800			11,300	9,200			11,900	9,500		
40	9,500	8,200	7,200		10,300	8,600			11,000	8,900		
45	8,700	7,600	6,700		9,500	8,000	6,900		10,200	8,400	7,100	
50	8,100	7,100	6,300	5,700	8,800	7,600	6,600		9,500	7,900	6,700	
55	7,500	6,700	6,000	5,500	8,200	7,100	6,200	5,600	8,900	7,500	6,400	5,700
60	6,900	6,300	5,700	5,200	7,700	6,700	5,900	5,400	8,400	7,100	6,200	5,500
65	6,500	5,900	5,400	5,100	7,200	6,300	5,700	5,200	7,900	6,700	5,900	5,300
70	6,000	5,600	5,200	4,900	6,700	6,000	5,500	5,100	7,400	6,400	5,700	5,200
75	5,700	5,300	5,000	4,800	6,300	5,700	5,300	4,900	7,000	6,100	5,500	5,100
80	5,300	5,100	4,900	4,800	6,000	5,500	5,100	4,900	6,600	5,900	5,300	5,000
85	5,000	4,900	4,800		5,600	5,300	5,000	4,800	6,200	5,600	5,200	4,900
90					5,300	5,100	4,800		5,900	5,400	5,000	4,800
95					5,100	4,900	4,700		5,600	5,200	4,900	4,800
100					4,900	4,800			5,400	5,100	4,800	
105									5,100	4,900	4,700	
110									4,900	4,800		

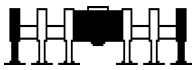
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	89.4	89.2	87.3	84.0	101.0	100.7	98.5	94.5	113.2	112.7	110.2	105.7
Capacity	4,800	4,900	4,800	4,800	4,800	4,800	4,700	4,800	4,800	4,800	4,700	4,800

1071120

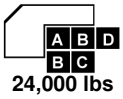
For sales us

Not for crane operations

Rated Lifting Capacities In Pounds


Full

58ft Offset Fly



24,000 lbs

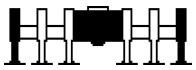
Radius (ft)	Boom Length (ft)											
	Fly Offset											
	87.3				113.4				140.3			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
25	13,600											
30	12,900				12,500							
35	12,300				12,100							
40	11,700	9,400			11,700				11,000			
45	11,200	8,900			11,300	9,200			11,000			
50	10,600	8,500			10,900	8,800			10,800			
55	10,100	8,100	6,700		10,500	8,500			10,500	8,700		
60	9,500	7,700	6,500		10,200	8,100	6,700		10,300	8,400		
65	9,000	7,400	6,300	5,500	9,800	7,900	6,500		10,000	8,100		
70	8,600	7,100	6,100	5,400	9,400	7,600	6,300	5,500	9,700	7,900	6,500	
75	8,100	6,800	5,900	5,200	9,000	7,300	6,200	5,400	9,500	7,700	6,400	
80	7,700	6,500	5,700	5,100	8,600	7,100	6,000	5,300	9,200	7,400	6,200	5,400
85	7,400	6,300	5,500	5,000	8,300	6,800	5,800	5,200	8,900	7,200	6,100	5,300
90	7,000	6,100	5,400	5,000	8,000	6,600	5,700	5,100	8,600	7,000	5,900	5,200
95	6,700	5,900	5,300	4,900	7,600	6,400	5,600	5,000	7,600	6,800	5,800	5,200
100	6,400	5,700	5,100	4,800	7,300	6,200	5,400	5,000	6,700	6,700	5,700	5,100
105	6,200	5,500	5,000	4,800	7,100	6,000	5,300	4,900	5,900	6,500	5,600	5,000
110	5,900	5,300	4,900	4,800	6,500	5,900	5,200	4,900	5,100	6,100	5,500	5,000
115	5,700	5,200	4,900	4,700	5,800	5,700	5,100	4,800	4,500	5,300	5,400	4,900
120	5,500	5,100	4,800		5,200	5,600	5,100	4,800	3,900	4,700	5,300	4,900
125	5,300	4,900	4,700		4,700	5,200	5,000	4,700	3,300	4,000	4,700	4,800
130	5,100	4,800			4,200	4,600	4,900	4,700	2,800	3,500	4,000	4,400
135	4,800	4,700			3,700	4,100	4,400	4,600	2,300	3,000	3,500	3,800
140					3,300	3,600	3,900		1,900	2,500	2,900	3,200
145					2,900	3,200	3,400		1,500	2,000	2,500	2,700
150					2,500	2,800	2,900		1,100	1,600	2,000	2,200
155					2,200	2,400				1,200	1,500	1,700
160					1,800	2,000				900	1,100	

Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	39.0	39.5	40.5	39.5
Max Rad.	138.4	137.7	134.8	129.5	164.4	163.6	160.3	154.5	154.1	160.6	163.1	164.4
Capacity	4,600	4,600	4,700	4,700	1,600	1,700	1,800	1,900	0	0	0	0

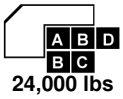
1071120

For sale
Not for crane operations

Rated Lifting Capacities In Pounds


Full

74ft Offset Fly



24,000 lbs

Radius (ft)	Boom Length (ft) / Fly Offset 38.3 0°	38.3 15°	38.3 30°	38.3 45°	61.7 0°	61.7 15°	61.7 30°	61.7 45°	86.0 0°	86.0 15°	86.0 30°	86.0 45°
20	9,600											
25	8,700				8,900							
30	7,900	7,100			8,300				8,200			
35	7,200	6,500			7,800				7,800			
40	6,600	6,000			7,200	6,300			7,500			
45	6,100	5,500	5,200		6,800	5,900			7,100	6,100		
50	5,600	5,200	4,800		6,300	5,600	5,100		6,800	5,900		
55	5,200	4,800	4,500	4,300	6,000	5,300	4,800		6,400	5,600		
60	4,900	4,500	4,200	4,100	5,600	5,000	4,600	4,300	6,100	5,300	4,800	
65	4,500	4,200	4,000	3,800	5,300	4,700	4,300	4,100	5,800	5,100	4,600	
70	4,200	4,000	3,800	3,600	5,000	4,500	4,100	3,900	5,500	4,900	4,400	4,100
75	4,000	3,700	3,600	3,500	4,700	4,300	3,900	3,700	5,300	4,700	4,200	3,900
80	3,800	3,500	3,400	3,300	4,500	4,100	3,800	3,600	5,000	4,500	4,100	3,800
85	3,500	3,400	3,200	3,200	4,200	3,900	3,600	3,500	4,800	4,300	3,900	3,700
90	3,400	3,200	3,100	3,100	4,000	3,700	3,500	3,300	4,600	4,100	3,800	3,600
95	3,200	3,100	3,000		3,800	3,500	3,300	3,200	4,400	3,900	3,600	3,400
100	3,100	3,000			3,600	3,400	3,200	3,100	4,200	3,800	3,500	3,300
105	3,000				3,500	3,300	3,100	3,100	4,000	3,700	3,400	3,300
110					3,300	3,100	3,000	3,000	3,900	3,500	3,300	3,200
115					3,200	3,000	3,000		3,700	3,400	3,200	3,100
120					3,100	3,000	2,900		3,600	3,300	3,100	3,100
125					3,000	2,900			3,500	3,200	3,000	3,000
130									3,300	3,100	3,000	
135									3,200	3,000	2,900	
140									3,100	3,000	2,900	
145									3,000	2,900		
150									3,000	2,900		

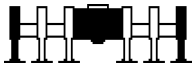
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	105.4	105.0	102.7	98.5	128.7	128.2	125.3	120.3	153.0	152.3	149.1	143.5
Capacity	3,000	3,000	2,900	3,000	3,000	2,900	2,900	3,000	3,000	2,900	2,900	3,000

1071130

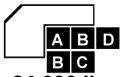
For sales us

Not for crane operations

Rated Lifting Capacities In Pounds


Full

74ft Offset Fly



24,000 lbs

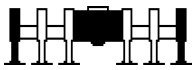
Radius (ft)	Boom Length (ft)											
	Fly Offset											
	111.2				137.2				164.1			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
35	7,000											
40	7,000				6,000							
45	7,000				6,000							
50	6,900				6,000				5,300			
55	6,700	5,700			6,000				5,300			
60	6,400	5,500			6,000	5,600			5,300			
65	6,200	5,300	4,700		6,000	5,400			5,300			
70	5,900	5,100	4,600		6,000	5,300			5,300	5,300		
75	5,700	4,900	4,400	4,000	5,900	5,100	4,500		5,300	5,200		
80	5,500	4,800	4,300	3,900	5,800	5,000	4,400	4,000	5,300	5,100		
85	5,300	4,600	4,100	3,800	5,600	4,800	4,300	3,900	5,300	5,000	4,400	
90	5,100	4,400	4,000	3,700	5,400	4,700	4,200	3,800	5,300	4,800	4,300	3,900
95	4,900	4,300	3,900	3,600	5,200	4,500	4,000	3,700	5,300	4,700	4,200	3,800
100	4,700	4,100	3,800	3,500	5,100	4,400	3,900	3,600	5,300	4,600	4,100	3,800
105	4,500	4,000	3,600	3,400	4,900	4,300	3,800	3,600	5,200	4,500	4,000	3,700
110	4,400	3,900	3,500	3,400	4,800	4,100	3,700	3,500	5,100	4,400	3,900	3,600
115	4,200	3,700	3,400	3,300	4,600	4,000	3,600	3,400	4,700	4,200	3,800	3,500
120	4,100	3,600	3,400	3,200	4,500	3,900	3,600	3,300	4,100	4,100	3,700	3,500
125	3,900	3,500	3,300	3,100	4,300	3,800	3,500	3,300	3,500	4,000	3,600	3,400
130	3,800	3,400	3,200	3,100	4,200	3,700	3,400	3,200	3,000	3,700	3,600	3,300
135	3,700	3,300	3,100	3,000	3,700	3,600	3,300	3,200	2,500	3,200	3,500	3,300
140	3,600	3,200	3,100	3,000	3,300	3,500	3,200	3,100	2,100	2,700	3,300	3,200
145	3,400	3,200	3,000	3,000	2,900	3,400	3,200	3,100	1,700	2,300	2,800	3,200
150	3,300	3,100	3,000		2,500	3,000	3,100	3,000	1,300	1,900	2,400	2,700
155	3,100	3,000	2,900		2,200	2,600	2,900	3,000	900	1,500	2,000	2,300
160	2,800	3,000	2,900		1,800	2,200	2,500	2,700		1,100	1,600	1,800
165	2,500	2,700	2,800		1,500	1,900	2,100	2,200			1,200	1,400
170	2,300	2,400			1,300	1,600	1,800					1,000
175	2,000	2,100			1,000	1,300	1,500					
180						1,000	1,100					

Min Angle	0.0	0.0	0.0	0.0	34.0	34.0	34.5	34.0	52.0	53.0	53.0	53.0
Max Rad.	178.2	177.4	173.9	167.9	177.5	182.5	184.2	183.1	155.8	164.2	169.4	172.5
Capacity	1,900	1,900	2,000	2,200	0	0	0	0	0	0	0	0

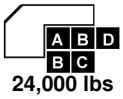
1071130

Not for crane operations

Rated Lifting Capacities In Pounds


Full

74ft Offset Fly



24,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	38.3				50.0				74.3			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
20	9,600				9,800							
25	8,700				8,900				9,100			
30	7,900	7,100			8,200				8,500			
35	7,200	6,500			7,600	6,700			8,000			
40	6,600	6,000			7,000	6,200			7,500	6,500		
45	6,100	5,500	5,200		6,500	5,800			7,100	6,100		
50	5,600	5,200	4,800		6,000	5,400	5,000		6,700	5,800		
55	5,200	4,800	4,500	4,300	5,600	5,100	4,700		6,300	5,500	4,900	
60	4,900	4,500	4,200	4,100	5,300	4,800	4,400	4,200	6,000	5,200	4,700	
65	4,500	4,200	4,000	3,800	4,900	4,500	4,200	4,000	5,600	5,000	4,500	4,200
70	4,200	4,000	3,800	3,600	4,600	4,200	4,000	3,800	5,300	4,700	4,300	4,000
75	4,000	3,700	3,600	3,500	4,400	4,000	3,800	3,600	5,100	4,500	4,100	3,800
80	3,800	3,500	3,400	3,300	4,100	3,800	3,600	3,500	4,800	4,300	3,900	3,700
85	3,500	3,400	3,200	3,200	3,900	3,600	3,400	3,300	4,600	4,100	3,800	3,600
90	3,400	3,200	3,100	3,100	3,700	3,500	3,300	3,200	4,400	3,900	3,600	3,500
95	3,200	3,100	3,000		3,500	3,300	3,200	3,100	4,100	3,800	3,500	3,400
100	3,100	3,000			3,400	3,200	3,100	3,000	4,000	3,600	3,400	3,300
105	3,000				3,200	3,100	3,000		3,800	3,500	3,300	3,200
110					3,100	3,000	2,900		3,600	3,400	3,200	3,100
115					3,000	2,900			3,500	3,200	3,100	3,000
120									3,400	3,100	3,000	
125									3,200	3,000	3,000	
130									3,100	3,000	2,900	
135									3,000	2,900		
140									3,000	2,900		

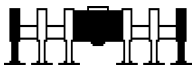
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	105.4	105.0	102.7	98.5	117.0	116.6	114.0	109.3	141.4	140.7	137.7	132.3
Capacity	3,000	3,000	2,900	3,000	3,000	2,900	2,900	3,000	3,000	2,900	2,900	3,000

1071140

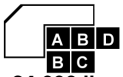
For sales us

Not for crane operations

Rated Lifting Capacities In Pounds


Full

74ft Offset Fly



24,000 lbs

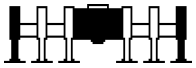
Radius (ft)	Boom Length (ft)											
	Fly Offset											
	99.5				125.5				152.4			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
30	8,500											
35	8,100											
40	7,800				7,500							
45	7,400				7,500							
50	7,100	6,000			7,200				6,500			
55	6,800	5,800			7,000	5,900			6,500			
60	6,400	5,500	4,900		6,700	5,700			6,500			
65	6,200	5,300	4,700		6,500	5,500			6,500	5,600		
70	5,900	5,100	4,500	4,100	6,300	5,300	4,700		6,400	5,500		
75	5,600	4,900	4,400	4,000	6,000	5,100	4,500	4,100	6,200	5,300	4,700	
80	5,400	4,700	4,200	3,900	5,800	5,000	4,400	4,000	6,100	5,200	4,500	
85	5,100	4,500	4,000	3,800	5,600	4,800	4,300	3,900	5,900	5,000	4,400	4,000
90	4,900	4,300	3,900	3,700	5,400	4,600	4,100	3,800	5,700	4,900	4,300	3,900
95	4,700	4,200	3,800	3,600	5,200	4,500	4,000	3,700	5,500	4,700	4,200	3,800
100	4,500	4,000	3,700	3,500	5,000	4,300	3,900	3,600	5,400	4,600	4,100	3,700
105	4,300	3,900	3,600	3,400	4,800	4,200	3,800	3,500	5,200	4,500	4,000	3,600
110	4,200	3,700	3,400	3,300	4,700	4,100	3,700	3,400	5,000	4,300	3,900	3,600
115	4,000	3,600	3,400	3,200	4,500	3,900	3,600	3,400	4,500	4,200	3,800	3,500
120	3,900	3,500	3,300	3,100	4,300	3,800	3,500	3,300	3,900	4,100	3,700	3,400
125	3,700	3,400	3,200	3,100	4,200	3,700	3,400	3,200	3,300	4,000	3,600	3,400
130	3,600	3,300	3,100	3,000	4,100	3,600	3,300	3,200	2,800	3,600	3,500	3,300
135	3,500	3,200	3,000	3,000	3,600	3,500	3,200	3,100	2,400	3,100	3,400	3,200
140	3,400	3,100	3,000		3,200	3,400	3,200	3,100	1,900	2,600	3,100	3,200
145	3,300	3,000	2,900		2,800	3,300	3,100	3,000	1,500	2,100	2,600	3,000
150	3,200	3,000	2,900		2,400	2,800	3,100	3,000	1,100	1,700	2,200	2,500
155	3,100	2,900	2,900		2,100	2,500	2,700	2,900		1,300	1,800	2,000
160	2,800	2,900			1,700	2,100	2,300			1,000	1,400	1,600
165	2,500				1,400	1,800	2,000				1,000	1,200
170					1,200	1,400	1,600					
175					900	1,100	1,200					

Min Angle	0.0	0.0	0.0	0.0	27.5	28.5	28.0	28.0	49.5	50.0	50.0	50.5
Max Rad.	166.5	165.7	162.4	156.5	175.8	179.2	180.6	177.3	153.9	161.9	166.9	169.4
Capacity	2,500	2,500	2,600	2,900	0	0	0	0	0	0	0	0

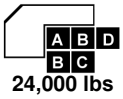
1071140

Not for crane operations

Rated Lifting Capacities In Pounds


Full

74ft Offset Fly



24,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	38.3				50.0				62.1			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
20	9,600				9,800							
25	8,700				8,900				9,100			
30	7,900				8,200				8,500			
35	7,200	6,500			7,600	6,700			7,900			
40	6,600	6,000			7,000	6,200			7,300	6,400		
45	6,100	5,500	5,200		6,500	5,800			6,900	6,000		
50	5,600	5,200	4,800		6,000	5,400	5,000		6,400	5,600	5,100	
55	5,200	4,800	4,500	4,300	5,600	5,100	4,700		6,000	5,300	4,800	
60	4,900	4,500	4,200	4,100	5,300	4,800	4,400	4,200	5,600	5,000	4,600	4,300
65	4,500	4,200	4,000	3,800	4,900	4,500	4,200	4,000	5,300	4,800	4,400	4,100
70	4,200	4,000	3,800	3,600	4,600	4,200	4,000	3,800	5,000	4,500	4,200	3,900
75	4,000	3,700	3,600	3,500	4,400	4,000	3,800	3,600	4,700	4,300	4,000	3,700
80	3,800	3,500	3,400	3,300	4,100	3,800	3,600	3,500	4,500	4,100	3,800	3,600
85	3,500	3,400	3,200	3,200	3,900	3,600	3,400	3,300	4,200	3,900	3,600	3,500
90	3,400	3,200	3,100	3,100	3,700	3,500	3,300	3,200	4,000	3,700	3,500	3,300
95	3,200	3,100	3,000		3,500	3,300	3,200	3,100	3,800	3,600	3,400	3,200
100	3,100	3,000			3,400	3,200	3,100	3,000	3,700	3,400	3,200	3,200
105	3,000				3,200	3,100	3,000		3,500	3,300	3,100	3,100
110					3,100	3,000	2,900		3,400	3,200	3,000	
115					3,000	2,900			3,200	3,000	3,000	
120									3,100	3,000	2,900	
125									3,000	2,900		

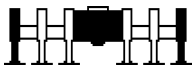
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	105.4	105.0	102.7	98.5	117.0	116.6	114.0	109.3	129.2	128.6	125.8	120.8
Capacity	3,000	3,000	2,900	3,000	3,000	2,900	2,900	3,000	3,000	2,900	2,900	3,000

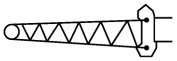
1071150

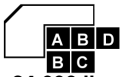
For sales us

Not for crane operations

Rated Lifting Capacities In Pounds


Full


74ft Offset Fly



24,000 lbs

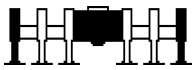
Radius (ft)	Boom Length (ft)											
	Fly Offset											
	87.3				113.4				140.3			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
30	8,700											
35	8,300				8,400							
40	7,800				8,000							
45	7,400	6,300			7,700				7,700			
50	7,000	6,000			7,400	6,200			7,500			
55	6,600	5,700	5,100		7,000	5,900			7,200			
60	6,300	5,400	4,800		6,700	5,700			7,000	5,900		
65	6,000	5,200	4,600	4,200	6,500	5,500	4,800		6,700	5,700		
70	5,700	4,900	4,400	4,100	6,200	5,300	4,600		6,500	5,500		
75	5,400	4,700	4,300	3,900	5,900	5,100	4,500	4,100	6,300	5,300	4,600	
80	5,100	4,500	4,100	3,800	5,700	4,900	4,300	4,000	6,100	5,100	4,500	4,100
85	4,900	4,300	3,900	3,700	5,400	4,700	4,200	3,900	5,900	5,000	4,400	4,000
90	4,700	4,200	3,800	3,600	5,200	4,500	4,000	3,700	5,700	4,800	4,200	3,900
95	4,500	4,000	3,700	3,500	5,000	4,400	3,900	3,600	5,500	4,700	4,100	3,800
100	4,300	3,800	3,500	3,400	4,800	4,200	3,800	3,500	5,300	4,500	4,000	3,700
105	4,100	3,700	3,400	3,300	4,600	4,100	3,700	3,500	5,100	4,400	3,900	3,600
110	3,900	3,600	3,300	3,200	4,500	3,900	3,600	3,400	4,900	4,200	3,800	3,500
115	3,800	3,400	3,200	3,100	4,300	3,800	3,500	3,300	4,500	4,100	3,700	3,400
120	3,600	3,300	3,100	3,100	4,100	3,700	3,400	3,200	3,800	4,000	3,600	3,400
125	3,500	3,200	3,100	3,000	4,000	3,600	3,300	3,200	3,300	3,900	3,500	3,300
130	3,400	3,100	3,000		3,900	3,500	3,200	3,100	2,800	3,500	3,400	3,300
135	3,300	3,000	2,900		3,700	3,400	3,200	3,100	2,300	3,000	3,400	3,200
140	3,200	3,000	2,900		3,200	3,300	3,100	3,000	1,900	2,500	3,000	3,100
145	3,100	2,900			2,800	3,200	3,000	3,000	1,500	2,100	2,500	2,800
150	3,000	2,900			2,400	2,800	3,000	3,000	1,100	1,600	2,100	2,400
155					2,100	2,400	2,700			1,300	1,700	1,900
160					1,800	2,100	2,200			900	1,200	1,400
165					1,500	1,700	1,800				900	1,000
170					1,200	1,400						
175					900							

Min Angle	0.0	0.0	0.0	0.0	14.5	20.5	8.5	0.0	45.5	46.0	46.0	46.5
Max Rad.	154.4	153.6	150.4	144.8	176.3	175.0	173.7	170.0	153.1	160.6	165.6	166.9
Capacity	3,000	2,900	2,900	3,000	0	0	0	900	0	0	0	0

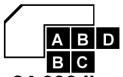
1071150

For Sale
Not for crane operations

Rated Lifting Capacities In Pounds


Full

90ft Offset Fly



24,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	38.3				61.7				86.0			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
20	8,300											
25	7,500											
30	6,800				6,900							
35	6,100	5,800			6,500				6,300			
40	5,600	5,300			6,000				6,100			
45	5,100	4,900			5,600	5,100			5,800			
50	4,700	4,500	4,300		5,200	4,800			5,500	5,000		
55	4,300	4,100	4,000		4,900	4,500	4,200		5,200	4,700		
60	4,000	3,800	3,700	3,600	4,600	4,200	4,000		4,900	4,500		
65	3,700	3,500	3,400	3,400	4,300	4,000	3,700	3,600	4,700	4,200	3,900	
70	3,400	3,300	3,200	3,200	4,000	3,700	3,500	3,400	4,400	4,000	3,800	3,600
75	3,200	3,100	3,000	3,000	3,800	3,500	3,300	3,200	4,200	3,800	3,600	3,400
80	2,900	2,800	2,800	2,800	3,500	3,300	3,100	3,000	4,000	3,600	3,400	3,200
85	2,700	2,700	2,600	2,600	3,300	3,100	3,000	2,900	3,800	3,500	3,200	3,100
90	2,600	2,500	2,400	2,400	3,100	2,900	2,800	2,700	3,600	3,300	3,100	3,000
95	2,400	2,300	2,300	2,300	2,900	2,800	2,700	2,600	3,400	3,100	2,900	2,800
100	2,200	2,200	2,200	2,200	2,800	2,600	2,500	2,500	3,200	3,000	2,800	2,700
105	2,100	2,100	2,000		2,600	2,500	2,400	2,400	3,100	2,800	2,700	2,600
110	2,000	1,900	1,900		2,500	2,300	2,300	2,200	2,900	2,700	2,600	2,500
115	1,900	1,800			2,300	2,200	2,200	2,200	2,800	2,600	2,500	2,400
120	1,800	1,800			2,200	2,100	2,100	2,100	2,600	2,500	2,400	2,300
125					2,100	2,000	2,000		2,500	2,400	2,300	2,200
130					2,000	1,900	1,900		2,400	2,300	2,200	2,100
135					1,900	1,800	1,800		2,300	2,200	2,100	2,100
140					1,800	1,800			2,200	2,100	2,000	2,000
145									2,100	2,000	1,900	
150									2,000	1,900	1,900	
155									1,900	1,900	1,800	
160									1,900	1,800		
165									1,800	1,800		

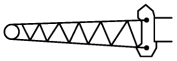
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	121.4	120.8	118.2	113.4	144.7	144.1	141.0	135.6	169.0	168.3	164.9	159.0
Capacity	1,700	1,800	1,800	2,000	1,700	1,800	1,800	1,900	1,700	1,800	1,800	1,900

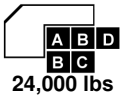
1071160

Not for crane operations

Rated Lifting Capacities In Pounds

Full


90ft Offset Fly



24,000 lbs

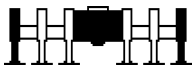
Radius (ft)	Boom Length (ft)											
	Fly Offset											
	111.2				137.2				164.1			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
40	5,200											
45	5,200				4,500							
50	5,200				4,500							
55	5,200	4,800			4,500							
60	5,100	4,600			4,500				4,000			
65	4,900	4,400			4,500	4,500			4,000			
70	4,700	4,200	3,900		4,500	4,300			4,000			
75	4,500	4,100	3,700		4,500	4,200			4,000			
80	4,300	3,900	3,600	3,400	4,500	4,100	3,700		4,000	4,100		
85	4,200	3,700	3,400	3,300	4,400	3,900	3,600		4,000	4,000		
90	4,000	3,600	3,300	3,100	4,200	3,800	3,500	3,300	4,000	3,900		
95	3,800	3,400	3,200	3,000	4,100	3,600	3,400	3,200	4,000	3,800	3,500	
100	3,600	3,300	3,000	2,900	3,900	3,500	3,200	3,100	4,000	3,700	3,400	3,200
105	3,500	3,200	2,900	2,800	3,800	3,400	3,100	3,000	4,000	3,600	3,300	3,100
110	3,300	3,000	2,800	2,700	3,700	3,300	3,000	2,900	3,900	3,500	3,200	3,000
115	3,200	2,900	2,700	2,600	3,500	3,200	2,900	2,800	3,800	3,400	3,100	2,900
120	3,000	2,800	2,600	2,500	3,400	3,000	2,800	2,700	3,700	3,300	3,000	2,800
125	2,900	2,700	2,500	2,400	3,300	2,900	2,700	2,600	3,500	3,200	2,900	2,700
130	2,800	2,600	2,400	2,400	3,200	2,800	2,600	2,500	3,000	3,100	2,800	2,700
135	2,700	2,500	2,300	2,300	3,000	2,700	2,600	2,500	2,500	3,000	2,700	2,600
140	2,600	2,400	2,300	2,200	2,900	2,600	2,500	2,400	2,100	2,800	2,700	2,500
145	2,500	2,300	2,200	2,100	2,800	2,600	2,400	2,300	1,700	2,300	2,600	2,500
150	2,400	2,200	2,100	2,100	2,500	2,500	2,300	2,300	1,300	1,900	2,400	2,400
155	2,300	2,100	2,000	2,000	2,100	2,400	2,200	2,200	900	1,500	2,000	2,300
160	2,200	2,000	2,000	2,000	1,800	2,200	2,200	2,100		1,200	1,600	1,900
165	2,100	2,000	1,900		1,500	1,900	2,100	2,100			1,200	1,500
170	2,000	1,900	1,900		1,200	1,600	1,900	2,000			900	1,100
175	1,900	1,900	1,800		900	1,300	1,500	1,600				
180	1,700	1,800	1,800			1,000	1,200	1,300				
185	1,400	1,600					900					
190	1,200	1,300										

Min Angle	0.0	0.0	0.0	0.0	42.0	42.5	43.0	42.0	56.0	56.5	57.0	57.5
Max Rad.	194.2	193.3	189.7	183.5	176.3	182.5	185.8	186.9	155.8	164.4	170.8	174.2
Capacity	1,100	1,100	1,200	1,300	0	0	0	0	0	0	0	0

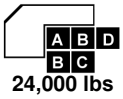
1071160

Not for crane operations

Rated Lifting Capacities In Pounds


Full

90ft Offset Fly



24,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	38.3				50.0				74.3			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
20	8,300											
25	7,500				7,600							
30	6,800				6,900				7,000			
35	6,100	5,800			6,400				6,600			
40	5,600	5,300			5,900	5,400			6,200			
45	5,100	4,900			5,400	5,000			5,800	5,300		
50	4,700	4,500	4,300		5,000	4,700	4,400		5,500	5,000		
55	4,300	4,100	4,000		4,700	4,300	4,100		5,200	4,700		
60	4,000	3,800	3,700	3,600	4,300	4,000	3,900	3,700	4,800	4,400	4,100	
65	3,700	3,500	3,400	3,400	4,000	3,800	3,600	3,500	4,600	4,200	3,900	
70	3,400	3,300	3,200	3,200	3,700	3,500	3,400	3,300	4,300	3,900	3,700	3,500
75	3,200	3,100	3,000	3,000	3,500	3,300	3,200	3,100	4,000	3,700	3,500	3,300
80	2,900	2,800	2,800	2,800	3,200	3,100	3,000	2,900	3,800	3,500	3,300	3,200
85	2,700	2,700	2,600	2,600	3,000	2,900	2,800	2,800	3,600	3,300	3,100	3,000
90	2,600	2,500	2,400	2,400	2,800	2,700	2,600	2,600	3,400	3,100	3,000	2,900
95	2,400	2,300	2,300	2,300	2,700	2,600	2,500	2,500	3,200	3,000	2,800	2,700
100	2,200	2,200	2,200	2,200	2,500	2,400	2,400	2,300	3,000	2,800	2,700	2,600
105	2,100	2,100	2,000		2,400	2,300	2,200	2,200	2,900	2,700	2,600	2,500
110	2,000	1,900	1,900		2,200	2,100	2,100	2,100	2,700	2,500	2,400	2,400
115	1,900	1,800			2,100	2,000	2,000		2,600	2,400	2,300	2,300
120	1,800	1,800			2,000	1,900	1,900		2,400	2,300	2,200	2,200
125					1,900	1,800			2,300	2,200	2,100	2,100
130					1,800	1,800			2,200	2,100	2,000	2,000
135									2,100	2,000	2,000	
140									2,000	1,900	1,900	
145									1,900	1,900	1,800	
150									1,900	1,800		
155									1,800	1,800		

Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	121.4	120.8	118.2	113.4	133.0	132.4	129.5	124.4	157.4	156.6	153.4	147.7
Capacity	1,700	1,800	1,800	2,000	1,700	1,800	1,800	1,900	1,700	1,800	1,800	1,900

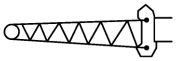
1071170

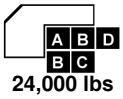
For sales us

Not for crane operations

Rated Lifting Capacities In Pounds

Full


90ft Offset Fly



24,000 lbs

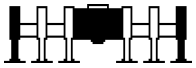
Radius (ft)	Boom Length (ft)											
	Fly Offset											
	99.5				125.5				152.4			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
35	6,500											
40	6,300											
45	6,000				5,600							
50	5,700	5,100			5,600				4,900			
55	5,500	4,900			5,600				4,900			
60	5,200	4,700			5,400	4,800			4,900			
65	5,000	4,400	4,100		5,200	4,600			4,900			
70	4,700	4,200	3,900		5,000	4,400			4,900	4,500		
75	4,500	4,000	3,700	3,500	4,800	4,200	3,900		4,900	4,400		
80	4,300	3,800	3,500	3,300	4,600	4,100	3,700	3,500	4,800	4,200	3,800	
85	4,100	3,700	3,400	3,200	4,400	3,900	3,600	3,400	4,600	4,100	3,700	
90	3,900	3,500	3,200	3,100	4,200	3,800	3,400	3,200	4,500	4,000	3,600	3,400
95	3,700	3,300	3,100	3,000	4,100	3,600	3,300	3,100	4,300	3,800	3,500	3,200
100	3,500	3,200	3,000	2,800	3,900	3,500	3,200	3,000	4,200	3,700	3,400	3,100
105	3,300	3,000	2,800	2,700	3,700	3,300	3,100	2,900	4,000	3,600	3,200	3,000
110	3,200	2,900	2,700	2,600	3,600	3,200	3,000	2,800	3,900	3,400	3,100	3,000
115	3,000	2,800	2,600	2,500	3,400	3,100	2,800	2,700	3,800	3,300	3,000	2,900
120	2,900	2,700	2,500	2,400	3,300	3,000	2,700	2,600	3,600	3,200	2,900	2,800
125	2,800	2,500	2,400	2,300	3,200	2,800	2,600	2,500	3,400	3,100	2,900	2,700
130	2,600	2,400	2,300	2,300	3,000	2,700	2,600	2,500	2,900	3,000	2,800	2,600
135	2,500	2,300	2,200	2,200	2,900	2,600	2,500	2,400	2,400	2,900	2,700	2,500
140	2,400	2,200	2,200	2,100	2,800	2,500	2,400	2,300	2,000	2,600	2,600	2,500
145	2,300	2,200	2,100	2,100	2,700	2,400	2,300	2,200	1,500	2,200	2,500	2,400
150	2,200	2,100	2,000	2,000	2,400	2,400	2,200	2,200	1,200	1,800	2,300	2,300
155	2,100	2,000	1,900		2,100	2,300	2,200	2,100		1,400	1,900	2,200
160	2,000	1,900	1,900		1,700	2,100	2,100	2,100		1,000	1,500	1,800
165	2,000	1,900	1,800		1,400	1,800	2,000	2,000			1,100	1,400
170	1,900	1,800	1,800		1,200	1,500	1,700	1,800				1,000
175	1,800	1,800			900	1,200	1,400					
180	1,700	1,700				900	1,100					

Min Angle	0.0	0.0	0.0	0.0	36.5	37.5	37.5	37.5	53.5	54.5	54.5	54.5
Max Rad.	182.5	181.7	178.2	172.1	175.8	180.8	184.2	183.1	154.4	162.5	168.1	171.9
Capacity	1,600	1,700	1,700	1,900	0	0	0	0	0	0	0	0

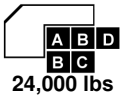
1071170

Not for crane operations

Rated Lifting Capacities In Pounds


Full

90ft Offset Fly



24,000 lbs

Radius (ft)	Boom Length (ft) / Fly Offset											
	38.3				50.0				62.1			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
20	8,300											
25	7,500				7,600				7,600			
30	6,800				6,900				7,100			
35	6,100	5,800			6,400				6,600			
40	5,600	5,300			5,900	5,400			6,100	5,600		
45	5,100	4,900			5,400	5,000			5,700	5,200		
50	4,700	4,500	4,300		5,000	4,700	4,400		5,300	4,800		
55	4,300	4,100	4,000		4,700	4,300	4,100		4,900	4,500	4,300	
60	4,000	3,800	3,700	3,600	4,300	4,000	3,900	3,700	4,600	4,200	4,000	
65	3,700	3,500	3,400	3,400	4,000	3,800	3,600	3,500	4,300	4,000	3,800	3,600
70	3,400	3,300	3,200	3,200	3,700	3,500	3,400	3,300	4,000	3,700	3,500	3,400
75	3,200	3,100	3,000	3,000	3,500	3,300	3,200	3,100	3,800	3,500	3,300	3,200
80	2,900	2,800	2,800	2,800	3,200	3,100	3,000	2,900	3,500	3,300	3,200	3,100
85	2,700	2,700	2,600	2,600	3,000	2,900	2,800	2,800	3,300	3,100	3,000	2,900
90	2,600	2,500	2,400	2,400	2,800	2,700	2,600	2,600	3,100	2,900	2,800	2,700
95	2,400	2,300	2,300	2,300	2,700	2,600	2,500	2,500	2,900	2,800	2,700	2,600
100	2,200	2,200	2,200	2,200	2,500	2,400	2,400	2,300	2,800	2,600	2,500	2,500
105	2,100	2,100	2,000		2,400	2,300	2,200	2,200	2,600	2,500	2,400	2,400
110	2,000	1,900	1,900		2,200	2,100	2,100	2,100	2,500	2,400	2,300	2,300
115	1,900	1,800			2,100	2,000	2,000		2,300	2,200	2,200	2,200
120	1,800	1,800			2,000	1,900	1,900		2,200	2,100	2,100	2,100
125					1,900	1,800			2,100	2,000	2,000	
130					1,800	1,800			2,000	1,900	1,900	
135									1,900	1,900	1,800	
140									1,800	1,800		
145									1,700			

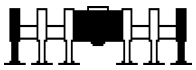
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	121.4	120.8	118.2	113.4	133.0	132.4	129.5	124.4	145.2	144.5	141.4	136.0
Capacity	1,700	1,800	1,800	2,000	1,700	1,800	1,800	1,900	1,700	1,800	1,800	1,900

1071180

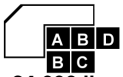
For sale US

Not for crane operations

Rated Lifting Capacities In Pounds


Full

90ft Offset Fly



24,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	87.3				113.4				140.3			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
35	6,800											
40	6,400				6,500							
45	6,100				6,200							
50	5,700	5,100			5,900				5,800			
55	5,400	4,800			5,700	5,000			5,800			
60	5,100	4,600	4,200		5,400	4,800			5,600			
65	4,800	4,300	4,000		5,200	4,600			5,400	4,800		
70	4,600	4,100	3,800	3,600	5,000	4,400	4,000		5,200	4,600		
75	4,300	3,900	3,600	3,400	4,700	4,200	3,800		5,000	4,400	4,000	
80	4,100	3,700	3,400	3,300	4,500	4,000	3,700	3,400	4,800	4,200	3,800	
85	3,900	3,500	3,300	3,100	4,300	3,800	3,500	3,300	4,600	4,100	3,700	3,400
90	3,700	3,300	3,100	3,000	4,100	3,700	3,400	3,200	4,500	3,900	3,600	3,300
95	3,500	3,200	3,000	2,900	3,900	3,500	3,200	3,100	4,300	3,800	3,400	3,200
100	3,300	3,000	2,800	2,700	3,700	3,400	3,100	2,900	4,100	3,600	3,300	3,100
105	3,100	2,900	2,700	2,600	3,600	3,200	3,000	2,800	4,000	3,500	3,200	3,000
110	3,000	2,700	2,600	2,500	3,400	3,100	2,900	2,700	3,800	3,400	3,100	2,900
115	2,800	2,600	2,500	2,400	3,300	3,000	2,800	2,600	3,700	3,200	3,000	2,800
120	2,700	2,500	2,400	2,300	3,100	2,800	2,600	2,500	3,500	3,100	2,900	2,700
125	2,600	2,400	2,300	2,200	3,000	2,700	2,600	2,500	3,400	3,000	2,800	2,600
130	2,400	2,300	2,200	2,200	2,900	2,600	2,500	2,400	2,900	2,900	2,700	2,600
135	2,300	2,200	2,100	2,100	2,700	2,500	2,400	2,300	2,400	2,800	2,600	2,500
140	2,200	2,100	2,000	2,000	2,600	2,400	2,300	2,200	1,900	2,600	2,500	2,400
145	2,100	2,000	2,000		2,500	2,300	2,200	2,200	1,500	2,200	2,400	2,300
150	2,000	1,900	1,900		2,400	2,200	2,100	2,100	1,200	1,800	2,200	2,300
155	1,900	1,900	1,800		2,100	2,200	2,100	2,000		1,400	1,800	2,100
160	1,900	1,800			1,800	2,100	2,000	2,000		1,000	1,400	1,700
165	1,800	1,800			1,500	1,800	1,900				1,000	1,200
170	1,700				1,200	1,500	1,700					900
175					1,000	1,200	1,400					
180						900	1,000					

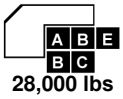
Min Angle	0.0	0.0	0.0	0.0	28.5	30.0	29.5	29.5	50.0	50.5	51.0	50.5
Max Rad.	170.4	169.6	166.2	160.3	177.5	180.8	182.5	180.0	154.4	162.5	167.5	170.6
Capacity	1,700	1,800	1,800	1,900	0	0	0	0	0	0	0	0

1071180

Not for crane operations

Rated Lifting Capacities In Pounds

Full



28,000 lbs

Radius (ft)	Boom Length (ft) Extend Mode										
	38.3	50.0	50.5	60.0	61.7	62.1	63.0	73.8	74.3	74.7	75.0
	ALL	EM1,2,3,4,5	EM6	EM2	EM1, EM4	EM3, EM5	EM6	EM4	EM2	EM5	EM1
7	220,000	*									
8	200,000	*									
9	174,300										
10	165,100	86,000	160,300	90,200	58,400	90,400	137,600				
12	147,800	80,400	146,900	85,000	54,200	85,400	137,600	55,600	59,800	88,300	55,500
15	124,800	73,000	127,500	78,200	49,000	78,700	124,700	50,900	54,200	82,400	50,900
20	91,200	63,600	94,100	68,900	42,000	69,700	95,000	44,700	46,800	74,100	44,800
25	70,500	56,300	73,400	61,800	36,700	62,600	74,400	39,800	41,000	67,400	40,000
30	56,400	50,800	59,400	56,000	32,700	56,900	60,400	35,800	36,400	61,800	36,000
35		46,300	46,500	48,700	29,400	49,000	47,700	32,500	32,800	49,300	32,700
40		37,600	37,000	39,200	26,700	39,500	38,300	29,800	29,700	39,900	29,900
45				32,300	24,400	32,600	31,400	27,500	26,800	33,100	27,300
50				27,100	22,600	27,400	26,200	25,500	24,200	27,900	25,100
55						23,300	22,200	23,800	22,100	23,900	23,300
60								21,500	20,400	20,600	21,600
65								18,800	18,400	17,900	18,900
Unpinned			106,000				106,400				
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	31.3	43.0	43.5	53.0	54.7	55.1	56.0	66.8	67.3	67.7	68.0
Capacity	33,100	24,700	23,800	19,700	19,400	18,800	17,400	15,200	14,700	14,200	14,900

1080070

* ***Boom Centered Over Rear Only***

For sales use only

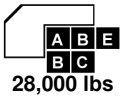
Radius (ft)	Boom Length (ft) Extend Mode										
	75.0	76.1	85.0	86.0	86.4	87.3	87.8	89.5	99.4	99.5	100.0
	EM3	EM6	EM2	EM1	EM4	EM3	EM5	EM6	EM4	EM2	EM1
12	88,300	120,400									
15	82,400	120,400	55,500	45,500	52,800	64,900	82,000	91,500			
20	74,100	94,800	48,600	39,600	47,000	56,200	77,000	91,500	48,600	47,500	41,100
25	67,400	74,300	43,200	34,900	42,400	49,500	70,800	73,400	44,400	42,200	36,900
30	61,900	60,400	38,800	31,100	38,600	44,000	61,700	59,600	40,800	37,800	33,100
35	49,300	47,500	35,200	28,000	35,400	39,600	48,900	46,500	37,700	34,000	30,200
40	39,900	38,100	32,100	25,400	32,500	35,900	39,500	37,200	35,000	31,000	27,600
45	33,100	31,400	29,500	23,200	30,200	32,800	32,600	30,500	32,500	28,400	25,400
50	28,000	26,300	27,200	21,300	28,200	28,200	27,600	25,500	28,600	26,100	23,600
55	23,900	22,200	24,700	19,700	25,000	24,200	23,600	21,500	24,500	24,100	21,900
60	20,600	19,000	21,400	18,200	21,700	20,900	20,300	18,300	21,300	21,500	20,500
65	17,900	16,300	18,700	17,000	19,000	18,200	17,700	15,800	18,700	18,900	19,200
70			16,400	15,800	16,800	16,000	15,500	13,500	16,400	16,600	17,300
75			14,600	14,700	14,900	14,100	13,600	11,700	14,600	14,800	15,500
80						12,500	12,000	10,100	12,900	13,200	13,800
85									11,500	11,700	12,400
90									10,300	10,500	11,100
Unpinned		106,300						91,500			
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	68.0	69.1	78.0	79.0	79.4	80.3	80.8	82.5	92.4	92.5	93.0
Capacity	14,100	12,400	11,900	12,300	11,900	10,900	10,300	8,100	8,800	8,900	9,500

1080070

Not for crane operations

Rated Lifting Capacities In Pounds

Full



28,000 lbs

Radius (ft)	Boom Length (ft) Extend Mode									
	100.0		110.0	111.2	113.4	114.6	115.0	125.0		125.5
	EM3	EM5	EM2	EM1	EM3	EM5	EM4	EM1	EM3	EM2
20	58,300	65,800	43,400	36,400	45,300	50,400	43,900			
25	52,000	65,800	43,400	36,400	45,300	50,400	43,900	29,900	38,700	33,300
30	46,800	60,800	39,500	33,700	44,200	50,400	42,300	29,900	38,700	33,300
35	42,500	47,900	35,900	31,000	40,000	46,200	39,400	29,900	38,700	33,300
40	38,800	38,500	32,700	28,500	36,300	37,700	36,900	29,800	38,200	32,700
45	32,900	31,800	30,100	26,200	32,600	31,100	32,500	27,900	31,900	30,100
50	27,900	26,800	27,900	24,100	27,600	26,000	27,500	26,000	26,900	27,800
55	23,800	22,800	24,400	22,300	23,500	22,000	23,500	24,200	22,900	24,000
60	20,600	19,600	21,200	20,800	20,300	18,800	20,300	21,800	19,700	20,800
65	18,000	17,000	18,600	19,400	17,700	16,200	17,600	19,100	17,100	18,200
70	15,800	14,800	16,400	17,300	15,600	14,200	15,600	16,900	15,000	16,000
75	13,900	12,900	14,600	15,500	13,700	12,300	13,700	15,100	13,200	14,200
80	12,300	11,300	12,900	13,900	12,100	10,700	12,100	13,500	11,600	12,600
85	10,900	9,900	11,500	12,500	10,700	9,300	10,700	12,100	10,200	11,200
90	9,600	8,700	10,300	11,200	9,500	8,100	9,400	10,900	9,000	10,000
95			9,200	10,100	8,400	7,000	8,300	9,700	7,900	8,900
100			8,200	9,100	7,400	6,000	7,400	8,800	6,900	7,900
105					6,500	5,200	6,500	7,900	6,000	7,000
110								7,100	5,300	6,300
115								6,400	4,600	5,600
Unpinned										
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	93.0	93.0	103.0	104.2	106.4	107.6	108.0	118.0	118.0	118.5
Capacity	8,100	7,100	7,000	7,700	5,700	4,200	5,500	5,600	3,700	4,700

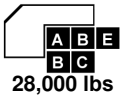
1080070

For sales use only

Not for crane operations

Rated Lifting Capacities In Pounds

Full



28,000 lbs

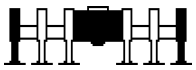
Radius (ft)	Boom Length (ft) Extend Mode 126.3 EM4	137.2 EM1	140.0 EM2	140.3 EM3	150.0 EM1	152.4 EM2	164.1 EM1
25	37,700	25,400					
30	37,700	25,400	28,300	30,800	22,500	24,400	
35	37,700	25,400	28,300	30,800	22,500	24,400	19,600
40	37,300	25,400	28,300	30,800	22,500	24,400	19,600
45	31,900	25,400	28,300	30,800	22,500	24,400	19,600
50	26,900	25,400	27,300	26,200	22,500	24,400	19,600
55	22,900	24,600	23,300	22,200	22,500	22,700	19,600
60	19,700	21,400	20,100	19,000	20,800	19,500	19,600
65	17,100	18,800	17,400	16,400	18,100	16,900	17,500
70	15,000	16,600	15,400	14,400	15,900	14,900	15,500
75	13,100	14,800	13,500	12,500	14,200	13,000	13,600
80	11,500	13,200	11,900	11,000	12,600	11,400	12,000
85	10,200	11,800	10,500	9,600	11,200	10,100	10,600
90	8,900	10,600	9,300	8,400	10,000	8,900	9,400
95	7,800	9,500	8,300	7,300	8,900	7,800	8,300
100	6,900	8,500	7,300	6,400	7,900	6,800	7,400
105	6,000	7,600	6,400	5,500	7,100	6,000	6,500
110	5,200	6,900	5,600	4,700	6,300	5,200	5,800
115	4,500	6,100	4,900	4,000	5,600	4,500	5,100
120		5,500	4,300	3,400	4,900	3,900	4,400
125		4,900	3,700	2,800	4,300	3,300	3,800
130		4,400	3,200	2,300	3,800	2,700	3,300
135					3,300	2,300	2,800
140					2,900	1,800	2,400
145						1,400	1,900
150							1,500
155							1,200
Unpinned							
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	119.3	130.2	133.0	133.3	143.0	145.4	157.1
Capacity	3,600	4,100	2,600	1,600	2,400	1,100	800

1080070

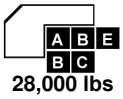
For sales use only

Not for crane operations

Rated Lifting Capacities In Pounds


Full

10ft Offset Fly
0°- 45° Offset



28,000 lbs

Radius (ft)	Boom Length (ft) Extend Mode										
	38.3	50.0	50.5	60.0	61.7	62.1	63.0	73.8	74.3	74.7	75.0
	ALL	EM1,2,3,4,5	EM6	EM2	EM1, EM4	EM3, EM5	EM6	EM4	EM2	EM5	EM1
10	42,100	42,900	42,900	47,700	47,700	47,700	47,700				
12	41,100	42,100	42,100	42,600	38,900	42,600	42,800	46,400	47,600	47,600	47,600
15	39,400	40,900	40,900	41,500	35,400	41,600	41,700	36,400	41,800	42,000	42,300
20	36,400	38,400	38,600	39,700	31,200	39,900	40,200	32,500	38,700	40,700	32,600
25	34,400	34,400	36,300	36,900	27,500	37,300	38,000	29,100	34,400	38,800	29,200
30	33,400	31,600	34,400	34,100	24,600	34,400	36,200	26,300	30,600	36,500	26,400
35	32,500	29,000	34,000	31,400	22,200	31,800	34,600	24,000	27,600	34,200	24,100
40	32,500	26,800	32,900	29,200	20,300	29,600	34,400	22,100	25,000	31,900	22,200
45		25,200	31,800	27,300	18,600	27,700	32,100	20,400	22,900	30,000	20,600
50		24,000	26,800	25,800	17,300	26,200	27,000	19,000	21,100	28,100	19,100
55				24,000	16,300	24,100	23,100	17,800	19,500	24,100	17,900
60				20,800	15,300	20,900	19,900	16,900	17,900	20,900	17,100
65						18,300	17,300	16,000	16,700	18,200	16,100
70								15,200	15,500	16,000	15,300
75								14,600	14,400	14,300	14,600
Unpinned			42,900				47,700				
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	41.4	53.1	53.5	63.1	64.7	65.2	66.1	76.9	77.4	77.8	78.1
Capacity	26,300	20,300	19,600	16,400	14,700	15,800	14,600	12,900	12,500	12,000	12,600

1081010

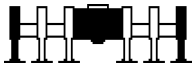
Sales use only

Radius (ft)	Boom Length (ft) Extend Mode										
	75.0	76.1	85.0	86.0	86.4	87.3	87.8	89.5	99.4	99.5	100.0
	EM3	EM6	EM2	EM1	EM4	EM3	EM5	EM6	EM4	EM2	EM1
12	47,600	47,600									
15	42,000	42,200	46,100	41,700	40,200	46,300	46,600	47,200			
20	40,700	40,900	39,600	32,700	33,700	40,800	41,000	41,300	34,500	38,500	32,800
25	38,800	39,200	35,300	29,700	30,500	39,300	39,600	40,100	31,600	35,600	30,300
30	36,500	37,500	32,000	27,000	27,800	37,800	38,100	38,500	29,100	32,400	28,000
35	34,200	36,000	29,000	24,300	25,600	34,900	35,900	37,100	27,000	29,800	25,700
40	32,000	34,800	26,600	22,000	23,700	31,900	34,000	35,900	25,100	27,600	23,600
45	30,000	31,600	24,500	20,100	22,100	29,100	32,000	30,600	23,500	25,600	21,700
50	28,100	26,500	22,700	18,500	20,600	26,800	27,500	25,500	22,000	23,700	20,100
55	24,100	22,600	21,100	17,200	19,400	24,100	23,500	21,600	20,800	21,900	18,700
60	20,900	19,400	19,700	16,000	18,300	20,800	20,300	18,400	19,700	20,300	17,400
65	18,200	16,800	18,400	14,900	17,300	18,200	17,700	15,800	18,400	18,600	16,400
70	16,000	14,700	16,400	13,900	16,600	16,000	15,600	13,800	16,200	16,400	15,400
75	14,300	12,900	14,600	13,000	14,900	14,200	13,700	11,900	14,400	14,600	14,500
80			13,100	12,200	13,300	12,600	12,100	10,400	12,800	13,000	13,600
85			11,700	11,400	12,000	11,300	10,800	9,000	11,400	11,600	12,200
90						10,100	9,600	7,800	10,200	10,400	11,000
95									9,100	9,300	9,900
100									8,200	8,400	9,000
Unpinned		47,600						47,200			
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	78.1	79.1	88.1	89.0	89.5	90.4	90.8	92.6	102.5	102.5	103.1
Capacity	11,900	10,400	10,000	10,400	10,000	9,200	8,600	6,600	7,200	7,400	7,900

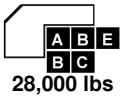
1081010

Not for crane operations

Rated Lifting Capacities In Pounds


Full

10ft Offset Fly
0°- 45° Offset



28,000 lbs

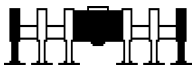
Radius (ft)	Boom Length (ft)									
	Extend Mode									
	100.0		110.0	111.2	113.4	114.6	115.0	125.0		125.5
	EM3	EM5	EM2	EM1	EM3	EM5	EM4	EM1	EM3	EM2
20	40,800	41,100	32,700	27,200	35,500	39,500	32,900			
25	39,500	39,900	32,700	27,200	35,500	39,500	32,400	23,600	30,400	26,600
30	38,200	38,600	32,700	27,200	35,500	38,600	30,100	23,600	30,400	26,600
35	36,700	37,300	30,400	26,300	35,500	37,500	28,100	23,600	30,400	26,600
40	33,800	35,200	28,300	24,300	33,600	36,300	26,300	23,600	30,400	26,600
45	31,100	31,700	26,400	22,500	30,800	30,700	24,800	23,400	30,400	26,600
50	27,600	26,600	24,800	20,900	27,200	25,700	23,400	21,900	26,400	25,300
55	23,600	22,600	23,200	19,600	23,200	21,700	22,100	20,600	22,500	23,500
60	20,400	19,400	20,800	18,300	20,000	18,500	19,900	19,400	19,300	20,300
65	17,700	16,800	18,200	17,200	17,300	15,900	17,300	18,300	16,700	17,700
70	15,600	14,700	16,000	16,200	15,300	13,900	15,200	16,400	14,600	15,600
75	13,800	12,900	14,200	15,100	13,400	12,100	13,300	14,600	12,800	13,800
80	12,200	11,300	12,600	13,500	11,800	10,500	11,800	13,000	11,200	12,200
85	10,800	9,900	11,200	12,100	10,400	9,100	10,400	11,600	9,800	10,800
90	9,600	8,700	10,000	10,900	9,200	7,900	9,200	10,400	8,600	9,600
95	8,500	7,700	8,900	9,800	8,200	6,900	8,100	9,300	7,600	8,500
100	7,600	6,700	8,000	8,800	7,200	5,900	7,200	8,400	6,600	7,600
105			7,200	8,000	6,400	5,100	6,300	7,500	5,800	6,700
110			6,400	7,200	5,600	4,400	5,600	6,700	5,000	6,000
115					5,000	3,700	4,900	6,100	4,300	5,300
120								5,400	3,700	4,600
125								4,900	3,200	4,100
Unpinned										
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	103.1	103.1	113.1	114.2	116.4	117.7	118.1	128.1	128.1	128.6
Capacity	6,600	5,700	5,600	6,300	4,400	3,000	4,200	4,300	2,600	3,500

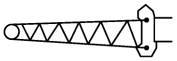
1081010

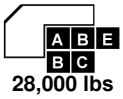
For sales use only

Not for crane operations

Rated Lifting Capacities In Pounds


Full


10ft Offset Fly
0°- 45° Offset



28,000 lbs

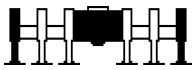
Radius (ft)	Boom Length (ft) Extend Mode						
	126.3 EM4	137.2 EM1	140.0 EM2	140.3 EM3	150.0 EM1	152.4 EM2	164.1 EM1
25	29,000	20,500					
30	29,000	20,500	23,100	25,400	18,500		
35	28,400	20,500	23,100	25,400	18,500	20,400	15,900
40	26,800	20,500	23,100	25,400	18,500	20,400	15,900
45	25,300	20,500	23,100	25,400	18,500	20,400	15,900
50	23,900	20,500	23,100	25,400	18,500	20,400	15,900
55	22,400	20,500	22,700	21,700	18,500	20,400	15,900
60	19,200	20,000	19,500	18,500	18,500	18,900	15,900
65	16,600	18,200	16,900	15,900	17,500	16,300	15,900
70	14,600	16,000	14,900	13,900	15,500	14,300	14,800
75	12,700	14,300	13,000	12,100	13,600	12,500	13,000
80	11,200	12,700	11,400	10,500	12,000	10,900	11,400
85	9,800	11,300	10,100	9,100	10,600	9,500	10,000
90	8,600	10,000	8,800	7,900	9,400	8,300	8,800
95	7,500	9,000	7,800	6,900	8,300	7,300	7,700
100	6,600	8,000	6,800	6,000	7,400	6,300	6,800
105	5,700	7,200	6,000	5,100	6,500	5,500	5,900
110	5,000	6,400	5,200	4,400	5,800	4,700	5,200
115	4,300	5,700	4,600	3,700	5,100	4,000	4,500
120	3,700	5,100	3,900	3,100	4,500	3,400	3,900
125	3,100	4,500	3,400	2,500	3,900	2,900	3,300
130		4,000	2,900	2,000	3,400	2,300	2,800
135		3,500	2,400	1,500	2,900	1,900	2,300
140		3,100	2,000		2,400	1,400	1,900
145					2,000	1,000	1,500
150					1,700		1,100
Unpinned							
Min Angle	0.0	0.0	0.0	14.5	0.0	21.0	26.5
Max Rad.	129.4	140.3	143.1	140.0	153.1	147.4	153.1
Capacity	2,400	2,900	1,500	0	1,300	0	0

1081010

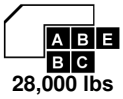
For sale use only

Not for crane operations

Rated Lifting Capacities In Pounds


Full

35ft Offset Fly



28,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	38.3				61.7				86.0			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
10	28,700											
12	26,800											
15	24,400				25,200							
20	21,100	16,900			23,000				21,300			
25	18,600	15,300	13,000		21,000	16,400			20,700			
30	16,700	14,000	12,100	10,800	19,200	15,400	12,800		19,700	15,800		
35	15,000	12,900	11,400	10,300	17,700	14,400	12,200		18,700	15,100		
40	13,600	12,000	10,800	9,900	16,500	13,600	11,600	10,400	17,700	14,400	12,100	
45	12,500	11,200	10,200	9,600	15,300	12,800	11,200	10,100	16,800	13,800	11,700	10,400
50	11,500	10,500	9,700	9,200	14,300	12,200	10,700	9,800	16,000	13,200	11,300	10,100
55	10,700	9,900	9,300	8,900	13,100	11,600	10,400	9,600	15,200	12,700	11,000	9,900
60	9,900	9,300	8,900		12,000	11,000	10,000	9,300	14,400	12,200	10,700	9,800
65	9,200	8,900			11,000	10,500	9,600	9,100	13,300	11,700	10,400	9,500
70					10,200	9,800	9,300	8,900	12,300	11,300	10,100	9,300
75					9,500	9,200	9,000		11,500	10,900	9,800	9,100
80					8,900	8,600	8,500		10,700	10,300	9,500	9,000
85					8,300	8,200			10,000	9,800	9,300	8,900
90									9,300	9,200	8,900	8,800
95									8,800	8,700	8,600	
100									8,200	8,200	8,100	
105									7,700	7,700	7,700	
110									7,300	7,300		

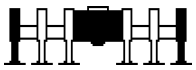
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	66.4	66.3	65.0	62.5	89.7	89.5	87.8	84.7	114.0	113.7	111.8	108.3
Capacity	9,000	8,900	8,900	8,900	7,900	8,000	8,100	8,500	7,000	7,000	7,300	7,700

1081070

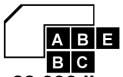
For sales us

Not for crane operations

Rated Lifting Capacities In Pounds


Full

35ft Offset Fly



28,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	111.2				137.2				164.1			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
25	16,200											
30	16,200											
35	16,200				13,200							
40	16,200	14,500			13,200				11,100			
45	16,200	14,100	12,000		13,200	13,700			11,100			
50	16,200	13,600	11,700	10,400	13,200	13,600			11,100			
55	15,800	13,200	11,400	10,200	13,200	13,300	11,600		11,100	11,600		
60	15,300	12,800	11,100	10,000	13,200	13,000	11,400	10,200	11,100	11,600		
65	14,800	12,500	10,900	9,900	13,200	12,700	11,200	10,100	11,100	11,600	11,300	
70	14,300	12,100	10,600	9,700	13,200	12,500	11,000	9,900	11,100	11,600	11,100	10,100
75	13,500	11,800	10,400	9,500	13,200	12,200	10,800	9,700	11,100	11,600	11,000	9,900
80	12,600	11,400	10,200	9,300	13,200	11,900	10,600	9,600	11,100	11,600	10,800	9,800
85	11,900	11,100	9,900	9,200	11,800	11,700	10,400	9,400	10,500	11,400	10,700	9,600
90	11,200	10,600	9,700	9,000	10,600	11,200	10,200	9,300	9,300	10,100	10,500	9,500
95	10,500	10,100	9,500	8,900	9,500	10,100	10,000	9,200	8,200	8,900	9,500	9,400
100	9,500	9,700	9,200	8,800	8,600	9,100	9,500	9,100	7,300	7,900	8,500	8,900
105	8,600	9,000	8,900	8,700	7,700	8,200	8,600	8,800	6,400	7,000	7,500	7,900
110	7,800	8,200	8,400	8,400	6,900	7,300	7,700	7,900	5,700	6,200	6,700	7,000
115	7,100	7,400	7,600		6,200	6,600	6,900	7,100	5,000	5,500	5,900	6,200
120	6,500	6,700	6,900		5,600	5,900	6,200	6,400	4,300	4,800	5,200	5,400
125	5,900	6,100	6,200		5,000	5,300	5,600	5,700	3,700	4,200	4,500	4,800
130	5,400	5,500			4,500	4,700	5,000	5,000	3,200	3,600	3,900	4,100
135	4,900	5,000			4,000	4,200	4,400		2,700	3,100	3,400	3,600
140					3,500	3,700	3,900		2,300	2,600	2,900	3,000
145					3,100	3,300	3,400		1,900	2,200	2,400	2,500
150					2,700	2,900	3,000		1,500	1,800	2,000	2,100
155					2,400	2,500			1,100	1,400	1,600	
160					2,000	2,100				1,000	1,200	
165					1,800							

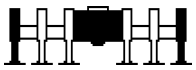
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.5	38.0	38.5	38.0
Max Rad.	139.2	138.8	136.7	132.9	165.3	164.8	162.6	158.6	159.2	162.5	164.4	164.4
Capacity	4,400	4,400	4,500	4,700	1,600	1,600	1,600	1,700	0	0	0	0

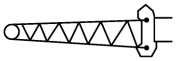
1081070

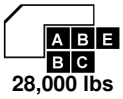
For simulation only

Not for crane operations

Rated Lifting Capacities In Pounds


Full


35ft Offset Fly



28,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	38.3				50.0				74.3			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
10	28,700											
12	26,800				27,600							
15	24,400				25,500							
20	21,100	16,900			22,600	17,400			23,400			
25	18,600	15,300	13,000		20,200	16,000			21,700	16,900		
30	16,700	14,000	12,100	10,800	18,200	14,800	12,500		20,200	15,900		
35	15,000	12,900	11,400	10,300	16,700	13,800	11,800	10,500	18,800	15,000	12,500	
40	13,600	12,000	10,800	9,900	15,300	12,900	11,300	10,200	17,500	14,200	12,000	10,500
45	12,500	11,200	10,200	9,600	14,100	12,100	10,700	9,900	16,500	13,500	11,500	10,300
50	11,500	10,500	9,700	9,200	13,000	11,400	10,300	9,600	15,500	12,800	11,100	10,000
55	10,700	9,900	9,300	8,900	12,100	10,800	9,900	9,300	14,600	12,200	10,700	9,800
60	9,900	9,300	8,900		11,400	10,300	9,500	9,000	13,700	11,700	10,400	9,600
65	9,200	8,900			10,700	9,800	9,100	8,900	13,000	11,200	10,100	9,300
70					10,000	9,300	8,900		12,300	10,800	9,800	9,100
75					9,300	8,900			11,700	10,400	9,500	9,000
80									11,200	10,000	9,200	8,900
85									10,700	9,600	9,000	
90									10,100	9,300	8,800	
95									9,500	9,000	8,800	
100									9,000	8,800		

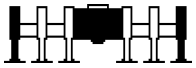
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	66.4	66.3	65.0	62.5	78.0	77.9	76.4	73.5	102.4	102.1	100.2	96.9
Capacity	9,000	8,900	8,900	8,900	9,000	8,900	8,900	8,900	8,700	8,800	8,800	8,800

1081080

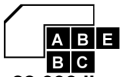
For sales us

Not for crane operations

Rated Lifting Capacities In Pounds


Full

35ft Offset Fly



28,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	99.5				125.5				152.4			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
25	21,100											
30	20,300				17,300							
35	19,400	15,500			17,300							
40	18,500	14,800	12,400		17,300	15,000			13,800			
45	17,600	14,200	12,000	10,500	17,300	14,500			13,800			
50	16,900	13,700	11,600	10,300	17,000	14,100	11,900		13,800	14,000		
55	16,100	13,200	11,300	10,100	16,500	13,700	11,600	10,300	13,800	13,700	11,800	
60	15,400	12,700	11,000	9,900	16,000	13,300	11,400	10,100	13,800	13,400	11,600	
65	14,700	12,300	10,700	9,800	15,500	12,900	11,100	10,000	13,800	13,100	11,400	10,200
70	14,100	11,900	10,500	9,500	15,100	12,600	10,900	9,900	13,800	12,900	11,200	10,000
75	13,500	11,500	10,200	9,300	14,600	12,200	10,700	9,700	13,200	12,600	11,000	9,900
80	12,900	11,100	10,000	9,200	13,000	11,900	10,500	9,500	11,600	12,300	10,800	9,800
85	12,400	10,800	9,700	9,000	11,600	11,600	10,300	9,300	10,200	11,100	10,600	9,600
90	11,300	10,500	9,500	8,900	10,300	10,900	10,100	9,200	9,000	9,800	10,400	9,500
95	10,200	10,200	9,200	8,800	9,200	9,800	9,800	9,100	7,900	8,600	9,200	9,300
100	9,200	9,600	9,100	8,800	8,300	8,800	9,200	9,000	7,000	7,600	8,200	8,600
105	8,400	8,700	8,900		7,400	7,900	8,300	8,500	6,100	6,700	7,200	7,600
110	7,600	7,900	8,000		6,600	7,100	7,400	7,600	5,300	5,900	6,400	6,700
115	6,900	7,100	7,200		5,900	6,300	6,600	6,800	4,700	5,200	5,600	5,800
120	6,300	6,400			5,300	5,600	5,900	6,000	4,000	4,500	4,900	5,100
125	5,700	5,800			4,700	5,000	5,200		3,400	3,900	4,200	4,400
130					4,200	4,500	4,600		2,900	3,300	3,600	3,800
135					3,700	3,900	4,100		2,400	2,800	3,100	3,200
140					3,300	3,400	3,500		2,000	2,300	2,600	2,700
145					2,900	3,000			1,600	1,900	2,100	
150					2,500	2,600			1,200	1,500	1,600	
155										1,100	1,200	

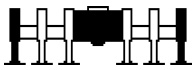
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	34.5	34.0	34.5	34.0
Max Rad.	127.5	127.2	125.1	121.4	153.6	153.1	151.0	147.1	154.4	158.1	159.4	159.4
Capacity	5,200	5,200	5,400	5,600	2,100	2,100	2,100	2,200	0	0	0	0

1081080

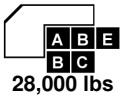
For sale use only

Not for crane operations

Rated Lifting Capacities In Pounds


Full

35ft Offset Fly



28,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	38.3				50.0				62.1			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
10	28,700											
12	26,800				27,600							
15	24,400				25,500				26,000			
20	21,100	16,900			22,600	17,400			23,500			
25	18,600	15,300	13,000		20,200	16,000			21,400	16,600		
30	16,700	14,000	12,100	10,800	18,200	14,800	12,500		19,500	15,500	12,800	
35	15,000	12,900	11,400	10,300	16,700	13,800	11,800	10,500	17,900	14,500	12,200	10,700
40	13,600	12,000	10,800	9,900	15,300	12,900	11,300	10,200	16,700	13,600	11,700	10,400
45	12,500	11,200	10,200	9,600	14,100	12,100	10,700	9,900	15,500	12,900	11,200	10,100
50	11,500	10,500	9,700	9,200	13,000	11,400	10,300	9,600	14,400	12,200	10,700	9,800
55	10,700	9,900	9,300	8,900	12,100	10,800	9,900	9,300	13,500	11,600	10,400	9,600
60	9,900	9,300	8,900		11,400	10,300	9,500	9,000	12,600	11,100	10,000	9,300
65	9,200	8,900			10,700	9,800	9,100	8,900	11,900	10,600	9,700	9,100
70					10,000	9,300	8,900		11,200	10,200	9,300	8,900
75					9,300	8,900			10,700	9,700	9,100	
80									10,100	9,300	8,900	
85									9,500	9,000		
90									9,000			

Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	66.4	66.3	65.0	62.5	78.0	77.9	76.4	73.5	90.2	90.0	88.3	85.1
Capacity	9,000	8,900	8,900	8,900	9,000	8,900	8,900	8,900	9,000	9,000	8,800	8,900

1081090

For sales use only

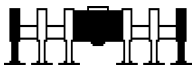
Radius (ft)	Boom Length (ft)											
	Fly Offset											
	87.3				113.4				140.3			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
20	23,700											
25	22,300				20,900							
30	20,900	16,300			20,800							
35	19,700	15,500	12,700		19,900	15,800			17,300			
40	18,500	14,700	12,200		19,100	15,200			17,300			
45	17,400	14,000	11,800	10,400	18,300	14,700	12,200		17,300	14,800		
50	16,600	13,400	11,400	10,200	17,600	14,100	11,900	10,400	17,300	14,400	12,100	
55	15,600	12,800	11,100	10,000	16,900	13,600	11,600	10,200	17,000	14,000	11,900	
60	14,800	12,300	10,700	9,800	16,200	13,200	11,300	10,000	16,600	13,600	11,600	10,200
65	14,100	11,900	10,500	9,600	15,600	12,800	11,000	9,900	16,100	13,300	11,400	10,100
70	13,400	11,400	10,200	9,400	15,000	12,400	10,700	9,800	14,900	13,000	11,100	10,000
75	12,800	11,000	9,900	9,200	14,400	12,000	10,500	9,600	13,000	12,600	10,900	9,900
80	12,200	10,700	9,600	9,000	12,800	11,600	10,300	9,400	11,400	12,300	10,700	9,700
85	11,600	10,400	9,400	8,900	11,400	11,300	10,100	9,200	10,000	10,800	10,500	9,500
90	11,200	10,000	9,200	8,800	10,200	10,800	9,800	9,100	8,800	9,600	10,200	9,400
95	10,100	9,600	9,000		9,100	9,600	9,600	9,000	7,700	8,400	9,000	9,200
100	9,200	9,300	8,800		8,100	8,600	9,000	8,900	6,800	7,400	7,900	8,300
105	8,300	8,500	8,700		7,300	7,700	8,000	8,200	5,900	6,500	7,000	7,300
110	7,500	7,700			6,500	6,900	7,200	7,300	5,100	5,700	6,100	6,400
115	6,900				5,800	6,100	6,400		4,500	4,900	5,300	5,600
120					5,200	5,500	5,600		3,800	4,300	4,600	4,800
125					4,600	4,800	5,000		3,300	3,700	4,000	4,100
130					4,100	4,300			2,700	3,100	3,400	3,500
135					3,600	3,700			2,200	2,600	2,800	
140					3,200				1,800	2,100	2,300	
145									1,400	1,600	1,800	
150									1,000	1,200	1,300	

Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.0	28.5	28.5	28.0
Max Rad.	115.4	115.1	113.1	109.6	141.4	141.0	138.9	135.1	151.9	154.4	155.6	154.5
Capacity	6,500	6,500	6,700	7,000	2,800	2,900	2,900	3,100	0	0	0	0

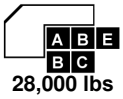
1081090

For operations

Rated Lifting Capacities In Pounds


Full

58ft Offset Fly



28,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	38.3				61.7				86.0			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
15	16,600											
20	14,700				14,300							
25	13,000				13,400				12,400			
30	11,600	9,600			12,500				11,900			
35	10,500	8,800			11,700	9,400			11,500			
40	9,500	8,200	7,200		10,900	8,800			11,000	9,100		
45	8,700	7,600	6,700		10,100	8,300			10,600	8,700		
50	8,100	7,100	6,300	5,700	9,400	7,900	6,700		10,100	8,300		
55	7,500	6,700	6,000	5,500	8,800	7,400	6,400		9,700	7,900	6,700	
60	6,900	6,300	5,700	5,200	8,300	7,100	6,100	5,500	9,200	7,600	6,400	
65	6,500	5,900	5,400	5,100	7,800	6,700	5,900	5,300	8,800	7,300	6,200	5,500
70	6,000	5,600	5,200	4,900	7,300	6,400	5,700	5,200	8,300	7,000	6,000	5,400
75	5,700	5,300	5,000	4,800	6,900	6,100	5,500	5,100	8,000	6,700	5,800	5,200
80	5,300	5,100	4,900	4,800	6,600	5,800	5,300	5,000	7,600	6,500	5,700	5,100
85	5,000	4,900	4,800		6,200	5,600	5,200	4,900	7,200	6,200	5,500	5,000
90					5,900	5,400	5,000	4,800	6,900	6,000	5,400	5,000
95					5,600	5,200	4,900	4,800	6,600	5,800	5,200	4,900
100					5,400	5,000	4,800		6,300	5,600	5,100	4,800
105					5,100	4,900	4,700		6,100	5,500	5,000	4,800
110					4,900	4,800			5,800	5,300	4,900	4,700
115									5,600	5,200	4,800	4,700
120									5,400	5,000	4,800	
125									5,200	4,900	4,700	
130									5,000	4,800		
135									4,900	4,700		

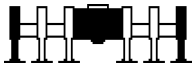
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	89.4	89.2	87.3	84.0	112.7	112.3	109.8	105.3	137.0	136.4	133.5	128.2
Capacity	4,800	4,900	4,800	4,800	4,800	4,800	4,700	4,800	4,800	4,700	4,700	4,700

1081100

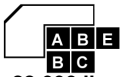
For sales us

Not for crane operations

Rated Lifting Capacities In Pounds


Full

58ft Offset Fly



28,000 lbs

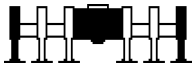
Radius (ft)	Boom Length (ft)											
	Fly Offset											
	111.2				137.2				164.1			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
30	10,100											
35	10,100											
40	10,100				8,600							
45	10,100				8,600							
50	10,000	8,500			8,600				7,500			
55	9,700	8,200			8,600	8,200			7,500			
60	9,500	7,900			8,600	8,000			7,500			
65	9,200	7,600	6,400		8,600	7,800			7,500	7,800		
70	8,900	7,400	6,300	5,500	8,600	7,600	6,400		7,500	7,600		
75	8,600	7,100	6,100	5,400	8,600	7,400	6,300		7,500	7,500		
80	8,300	6,900	5,900	5,300	8,600	7,200	6,100	5,400	7,500	7,300	6,300	
85	8,000	6,700	5,800	5,200	8,400	7,000	6,000	5,300	7,500	7,200	6,100	
90	7,700	6,500	5,700	5,100	8,200	6,800	5,900	5,200	7,500	7,000	6,000	5,300
95	7,400	6,300	5,500	5,000	7,900	6,700	5,700	5,100	7,500	6,900	5,900	5,200
100	7,200	6,100	5,400	5,000	7,700	6,500	5,600	5,100	7,500	6,700	5,800	5,200
105	6,900	5,900	5,300	4,900	7,500	6,300	5,500	5,000	7,000	6,600	5,700	5,100
110	6,700	5,800	5,200	4,900	7,300	6,200	5,400	5,000	6,200	6,500	5,600	5,100
115	6,400	5,600	5,100	4,800	6,700	6,000	5,300	4,900	5,500	6,300	5,500	5,000
120	6,200	5,500	5,000	4,800	6,100	5,900	5,200	4,900	4,800	5,600	5,400	5,000
125	6,000	5,400	4,900	4,700	5,500	5,800	5,200	4,800	4,300	5,000	5,400	4,900
130	5,800	5,200	4,800	4,700	5,000	5,500	5,100	4,800	3,700	4,400	5,000	4,900
135	5,400	5,100	4,800	4,700	4,500	5,000	5,000	4,700	3,200	3,900	4,400	4,800
140	5,000	5,000	4,700		4,000	4,500	4,800	4,700	2,800	3,400	3,900	4,300
145	4,600	4,800	4,700		3,600	4,000	4,300	4,500	2,400	2,900	3,400	3,700
150	4,200	4,400	4,500		3,200	3,600	3,900	4,000	2,000	2,500	2,900	3,200
155	3,800	4,000			2,800	3,200	3,400	3,500	1,600	2,100	2,500	2,700
160	3,500	3,600			2,500	2,800	3,000		1,300	1,700	2,100	2,300
165					2,200	2,400	2,600		900	1,400	1,700	1,900
170					1,900	2,100	2,200			1,100	1,300	1,500
175					1,600	1,800	1,900				1,000	1,100
180					1,400	1,500						
185					1,100	1,200						

Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	43.5	44.0	44.0	44.0
Max Rad.	162.2	161.5	158.1	152.4	188.3	187.4	183.8	177.7	166.3	173.1	177.5	178.1
Capacity	3,300	3,300	3,400	3,700	900	900	900	1,000	0	0	0	0

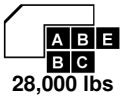
1081100

Not for crane operations

Rated Lifting Capacities In Pounds


Full

58ft Offset Fly



28,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	38.3				50.0				74.3			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
15	16,600				16,300							
20	14,700				14,900							
25	13,000				13,600				13,500			
30	11,600	9,600			12,400	9,900			12,700			
35	10,500	8,800			11,300	9,200			12,000			
40	9,500	8,200	7,200		10,300	8,600			11,400	9,100		
45	8,700	7,600	6,700		9,500	8,000	6,900		10,700	8,600		
50	8,100	7,100	6,300	5,700	8,800	7,600	6,600		10,100	8,200	6,900	
55	7,500	6,700	6,000	5,500	8,200	7,100	6,200	5,600	9,500	7,800	6,600	
60	6,900	6,300	5,700	5,200	7,700	6,700	5,900	5,400	8,900	7,400	6,300	5,600
65	6,500	5,900	5,400	5,100	7,200	6,300	5,700	5,200	8,400	7,100	6,100	5,400
70	6,000	5,600	5,200	4,900	6,700	6,000	5,500	5,100	8,000	6,800	5,900	5,300
75	5,700	5,300	5,000	4,800	6,300	5,700	5,300	4,900	7,500	6,500	5,700	5,200
80	5,300	5,100	4,900	4,800	6,000	5,500	5,100	4,900	7,200	6,200	5,500	5,100
85	5,000	4,900	4,800		5,600	5,300	5,000	4,800	6,800	6,000	5,300	5,000
90					5,300	5,100	4,800		6,500	5,700	5,200	4,900
95					5,100	4,900	4,700		6,200	5,500	5,100	4,800
100					4,900	4,800			5,900	5,300	5,000	4,800
105									5,600	5,200	4,900	4,800
110									5,400	5,000	4,800	
115									5,200	4,900	4,700	
120									5,000	4,800		
125									4,800			

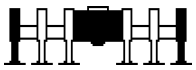
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	89.4	89.2	87.3	84.0	101.0	100.7	98.5	94.5	125.4	124.8	122.0	117.1
Capacity	4,800	4,900	4,800	4,800	4,800	4,800	4,700	4,800	4,800	4,800	4,700	4,800

1081110

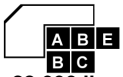
For sales us

Not for crane operations

Rated Lifting Capacities In Pounds


Full

58ft Offset Fly



28,000 lbs

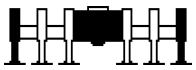
Radius (ft)	Boom Length (ft)											
	Fly Offset											
	99.5				125.5				152.4			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
30	12,300											
35	11,800				10,800							
40	11,400				10,800							
45	11,000	8,900			10,700				9,200			
50	10,600	8,600			10,500	8,700			9,200			
55	10,200	8,200	6,800		10,200	8,400			9,200			
60	9,800	7,900	6,600		9,900	8,200			9,200	8,300		
65	9,300	7,600	6,400	5,600	9,600	7,900	6,600		9,200	8,100		
70	8,900	7,300	6,200	5,400	9,400	7,700	6,400		9,200	7,900		
75	8,500	7,000	6,000	5,300	9,100	7,400	6,200	5,400	9,200	7,600	6,400	
80	8,100	6,800	5,800	5,200	8,800	7,200	6,100	5,300	9,000	7,500	6,300	5,400
85	7,800	6,500	5,700	5,100	8,500	7,000	5,900	5,300	8,800	7,300	6,100	5,400
90	7,500	6,300	5,500	5,000	8,200	6,800	5,800	5,200	8,600	7,100	6,000	5,300
95	7,100	6,100	5,400	5,000	7,900	6,600	5,700	5,100	8,400	6,900	5,900	5,200
100	6,900	5,900	5,300	4,900	7,600	6,400	5,600	5,000	7,600	6,700	5,800	5,100
105	6,600	5,700	5,200	4,900	7,400	6,200	5,400	5,000	6,800	6,600	5,700	5,100
110	6,300	5,600	5,100	4,800	7,100	6,100	5,300	4,900	6,000	6,400	5,600	5,000
115	6,100	5,400	5,000	4,800	6,600	5,900	5,200	4,900	5,300	6,100	5,500	5,000
120	5,900	5,300	4,900	4,700	5,900	5,700	5,200	4,800	4,600	5,400	5,400	4,900
125	5,700	5,200	4,800	4,700	5,300	5,600	5,100	4,800	4,000	4,800	5,300	4,900
130	5,500	5,000	4,800		4,800	5,300	5,000	4,700	3,500	4,200	4,800	4,800
135	5,300	4,900	4,700		4,300	4,800	4,900	4,700	3,000	3,700	4,200	4,600
140	4,900	4,800	4,700		3,800	4,300	4,600	4,700	2,600	3,200	3,700	4,000
145	4,500	4,600			3,400	3,800	4,100	4,200	2,200	2,700	3,200	3,500
150	4,100				3,000	3,400	3,600		1,800	2,300	2,700	2,900
155					2,700	3,000	3,200		1,400	1,900	2,300	2,500
160					2,300	2,600	2,700		1,100	1,500	1,800	2,000
165					2,000	2,200				1,200	1,400	1,600
170					1,800	1,900					1,100	
175					1,500							

Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40.0	41.0	41.0	41.0
Max Rad.	150.5	149.8	146.7	141.1	176.6	175.7	172.3	166.3	164.2	169.4	173.1	173.1
Capacity	3,900	4,000	4,100	4,400	1,300	1,300	1,400	1,500	0	0	0	0

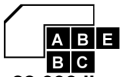
1081110

For SOME
Not for crane operations

Rated Lifting Capacities In Pounds


Full

58ft Offset Fly



28,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	38.3				50.0				62.1			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
15	16,600				16,300							
20	14,700				14,900				14,800			
25	13,000				13,600				13,800			
30	11,600	9,600			12,400	9,900			12,800			
35	10,500	8,800			11,300	9,200			11,900	9,500		
40	9,500	8,200	7,200		10,300	8,600			11,000	8,900		
45	8,700	7,600	6,700		9,500	8,000	6,900		10,200	8,400	7,100	
50	8,100	7,100	6,300	5,700	8,800	7,600	6,600		9,500	7,900	6,700	
55	7,500	6,700	6,000	5,500	8,200	7,100	6,200	5,600	8,900	7,500	6,400	5,700
60	6,900	6,300	5,700	5,200	7,700	6,700	5,900	5,400	8,400	7,100	6,200	5,500
65	6,500	5,900	5,400	5,100	7,200	6,300	5,700	5,200	7,900	6,700	5,900	5,300
70	6,000	5,600	5,200	4,900	6,700	6,000	5,500	5,100	7,400	6,400	5,700	5,200
75	5,700	5,300	5,000	4,800	6,300	5,700	5,300	4,900	7,000	6,100	5,500	5,100
80	5,300	5,100	4,900	4,800	6,000	5,500	5,100	4,900	6,600	5,900	5,300	5,000
85	5,000	4,900	4,800		5,600	5,300	5,000	4,800	6,200	5,600	5,200	4,900
90					5,300	5,100	4,800		5,900	5,400	5,000	4,800
95					5,100	4,900	4,700		5,600	5,200	4,900	4,800
100					4,900	4,800			5,400	5,100	4,800	
105									5,100	4,900	4,700	
110									4,900	4,800		

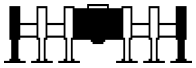
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	89.4	89.2	87.3	84.0	101.0	100.7	98.5	94.5	113.2	112.7	110.2	105.7
Capacity	4,800	4,900	4,800	4,800	4,800	4,800	4,700	4,800	4,800	4,800	4,700	4,800

1081120

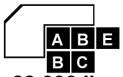
For sales us

Not for crane operations

Rated Lifting Capacities In Pounds


Full

58ft Offset Fly



28,000 lbs

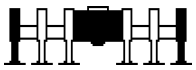
Radius (ft)	Boom Length (ft)											
	Fly Offset											
	87.3				113.4				140.3			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
25	13,600											
30	12,900				12,500							
35	12,300				12,100							
40	11,700	9,400			11,700				11,000			
45	11,200	8,900			11,300	9,200			11,000			
50	10,600	8,500			10,900	8,800			10,800			
55	10,100	8,100	6,700		10,500	8,500			10,500	8,700		
60	9,500	7,700	6,500		10,200	8,100	6,700		10,300	8,400		
65	9,000	7,400	6,300	5,500	9,800	7,900	6,500		10,000	8,100		
70	8,600	7,100	6,100	5,400	9,400	7,600	6,300	5,500	9,700	7,900	6,500	
75	8,100	6,800	5,900	5,200	9,000	7,300	6,200	5,400	9,500	7,700	6,400	
80	7,700	6,500	5,700	5,100	8,600	7,100	6,000	5,300	9,200	7,400	6,200	5,400
85	7,400	6,300	5,500	5,000	8,300	6,800	5,800	5,200	8,900	7,200	6,100	5,300
90	7,000	6,100	5,400	5,000	8,000	6,600	5,700	5,100	8,600	7,000	5,900	5,200
95	6,700	5,900	5,300	4,900	7,600	6,400	5,600	5,000	8,400	6,800	5,800	5,200
100	6,400	5,700	5,100	4,800	7,300	6,200	5,400	5,000	7,500	6,700	5,700	5,100
105	6,200	5,500	5,000	4,800	7,100	6,000	5,300	4,900	6,600	6,500	5,600	5,000
110	5,900	5,300	4,900	4,800	6,800	5,900	5,200	4,900	5,900	6,300	5,500	5,000
115	5,700	5,200	4,900	4,700	6,500	5,700	5,100	4,800	5,200	6,000	5,400	4,900
120	5,500	5,100	4,800		5,900	5,600	5,100	4,800	4,500	5,300	5,300	4,900
125	5,300	4,900	4,700		5,300	5,400	5,000	4,700	3,900	4,700	5,200	4,800
130	5,100	4,800			4,800	5,200	4,900	4,700	3,400	4,100	4,700	4,800
135	4,900	4,700			4,300	4,700	4,800	4,700	2,900	3,600	4,100	4,400
140					3,800	4,200	4,500		2,500	3,000	3,500	3,800
145					3,400	3,700	3,900		2,100	2,600	3,000	3,200
150					3,000	3,300	3,400		1,700	2,200	2,500	2,700
155					2,700	2,900			1,300	1,800	2,100	2,200
160					2,300	2,500			1,000	1,400	1,600	
165										1,000	1,200	

Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	34.5	35.5	36.0	35.5
Max Rad.	138.4	137.7	134.8	129.5	164.4	163.6	160.3	154.5	162.5	167.5	170.0	169.5
Capacity	4,800	4,700	4,700	4,700	1,900	2,000	2,100	2,200	0	0	0	0

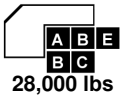
1081120

For SALE
Not for crane operations

Rated Lifting Capacities In Pounds


Full

74ft Offset Fly



28,000 lbs

Radius (ft)	Boom Length (ft) / Fly Offset											
	38.3				61.7				86.0			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
20	9,600											
25	8,700				8,900							
30	7,900	7,100			8,300				8,200			
35	7,200	6,500			7,800				7,800			
40	6,600	6,000			7,200	6,300			7,500			
45	6,100	5,500	5,200		6,800	5,900			7,100	6,100		
50	5,600	5,200	4,800		6,300	5,600	5,100		6,800	5,900		
55	5,200	4,800	4,500	4,300	6,000	5,300	4,800		6,400	5,600		
60	4,900	4,500	4,200	4,100	5,600	5,000	4,600	4,300	6,100	5,300	4,800	
65	4,500	4,200	4,000	3,800	5,300	4,700	4,300	4,100	5,800	5,100	4,600	
70	4,200	4,000	3,800	3,600	5,000	4,500	4,100	3,900	5,500	4,900	4,400	4,100
75	4,000	3,700	3,600	3,500	4,700	4,300	3,900	3,700	5,300	4,700	4,200	3,900
80	3,800	3,500	3,400	3,300	4,500	4,100	3,800	3,600	5,000	4,500	4,100	3,800
85	3,500	3,400	3,200	3,200	4,200	3,900	3,600	3,500	4,800	4,300	3,900	3,700
90	3,400	3,200	3,100	3,100	4,000	3,700	3,500	3,300	4,600	4,100	3,800	3,600
95	3,200	3,100	3,000		3,800	3,500	3,300	3,200	4,400	3,900	3,600	3,400
100	3,100	3,000			3,600	3,400	3,200	3,100	4,200	3,800	3,500	3,300
105	3,000				3,500	3,300	3,100	3,100	4,000	3,700	3,400	3,300
110					3,300	3,100	3,000	3,000	3,900	3,500	3,300	3,200
115					3,200	3,000	3,000		3,700	3,400	3,200	3,100
120					3,100	3,000	2,900		3,600	3,300	3,100	3,100
125					3,000	2,900			3,500	3,200	3,000	3,000
130									3,300	3,100	3,000	
135									3,200	3,000	2,900	
140									3,100	3,000	2,900	
145									3,000	2,900		
150									3,000	2,900		

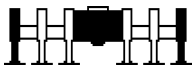
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	105.4	105.0	102.7	98.5	128.7	128.2	125.3	120.3	153.0	152.3	149.1	143.5
Capacity	3,000	3,000	2,900	3,000	3,000	2,900	2,900	3,000	3,000	2,900	2,900	3,000

1081130

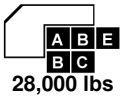
For sales us

Not for crane operations

Rated Lifting Capacities In Pounds


Full

74ft Offset Fly



28,000 lbs

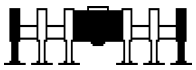
Radius (ft)	Boom Length (ft)											
	Fly Offset											
	111.2				137.2				164.1			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
35	7,000											
40	7,000				6,000							
45	7,000				6,000							
50	6,900				6,000				5,300			
55	6,700	5,700			6,000				5,300			
60	6,400	5,500			6,000	5,600			5,300			
65	6,200	5,300	4,700		6,000	5,400			5,300			
70	5,900	5,100	4,600		6,000	5,300			5,300	5,300		
75	5,700	4,900	4,400	4,000	5,900	5,100	4,500		5,300	5,200		
80	5,500	4,800	4,300	3,900	5,800	5,000	4,400	4,000	5,300	5,100		
85	5,300	4,600	4,100	3,800	5,600	4,800	4,300	3,900	5,300	5,000	4,400	
90	5,100	4,400	4,000	3,700	5,400	4,700	4,200	3,800	5,300	4,800	4,300	3,900
95	4,900	4,300	3,900	3,600	5,200	4,500	4,000	3,700	5,300	4,700	4,200	3,800
100	4,700	4,100	3,800	3,500	5,100	4,400	3,900	3,600	5,300	4,600	4,100	3,800
105	4,500	4,000	3,600	3,400	4,900	4,300	3,800	3,600	5,200	4,500	4,000	3,700
110	4,400	3,900	3,500	3,400	4,800	4,100	3,700	3,500	5,100	4,400	3,900	3,600
115	4,200	3,700	3,400	3,300	4,600	4,000	3,600	3,400	4,900	4,200	3,800	3,500
120	4,100	3,600	3,400	3,200	4,500	3,900	3,600	3,300	4,700	4,100	3,700	3,500
125	3,900	3,500	3,300	3,100	4,300	3,800	3,500	3,300	4,100	4,000	3,600	3,400
130	3,800	3,400	3,200	3,100	4,200	3,700	3,400	3,200	3,600	4,000	3,600	3,300
135	3,700	3,300	3,100	3,000	4,100	3,600	3,300	3,200	3,100	3,800	3,500	3,300
140	3,600	3,200	3,100	3,000	3,900	3,500	3,200	3,100	2,600	3,300	3,400	3,200
145	3,400	3,200	3,000	3,000	3,400	3,400	3,200	3,100	2,200	2,800	3,400	3,200
150	3,300	3,100	3,000		3,000	3,400	3,100	3,000	1,800	2,400	2,900	3,100
155	3,200	3,000	2,900		2,700	3,100	3,100	3,000	1,500	2,000	2,500	2,800
160	3,200	3,000	2,900		2,300	2,700	3,000	3,000	1,100	1,600	2,100	2,300
165	3,000	2,900	2,900		2,000	2,400	2,600	2,700		1,300	1,700	1,900
170	2,700	2,800			1,700	2,000	2,300	2,300		1,000	1,300	1,500
175	2,400	2,500			1,400	1,700	1,900				1,000	1,100
180					1,200	1,400	1,600					
185					900	1,200	1,300					
190						900	1,000					

Min Angle	0.0	0.0	0.0	0.0	29.0	28.5	28.5	28.0	49.5	50.0	50.5	50.5
Max Rad.	178.2	177.4	173.9	167.9	186.3	190.8	191.9	189.0	164.2	171.9	176.9	179.2
Capacity	2,100	2,200	2,200	2,400	0	0	0	0	0	0	0	0

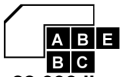
1081130

Not for crane operations

Rated Lifting Capacities In Pounds


Full

74ft Offset Fly



28,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	38.3				50.0				74.3			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
20	9,600				9,800							
25	8,700				8,900				9,100			
30	7,900	7,100			8,200				8,500			
35	7,200	6,500			7,600	6,700			8,000			
40	6,600	6,000			7,000	6,200			7,500	6,500		
45	6,100	5,500	5,200		6,500	5,800			7,100	6,100		
50	5,600	5,200	4,800		6,000	5,400	5,000		6,700	5,800		
55	5,200	4,800	4,500	4,300	5,600	5,100	4,700		6,300	5,500	4,900	
60	4,900	4,500	4,200	4,100	5,300	4,800	4,400	4,200	6,000	5,200	4,700	
65	4,500	4,200	4,000	3,800	4,900	4,500	4,200	4,000	5,600	5,000	4,500	4,200
70	4,200	4,000	3,800	3,600	4,600	4,200	4,000	3,800	5,300	4,700	4,300	4,000
75	4,000	3,700	3,600	3,500	4,400	4,000	3,800	3,600	5,100	4,500	4,100	3,800
80	3,800	3,500	3,400	3,300	4,100	3,800	3,600	3,500	4,800	4,300	3,900	3,700
85	3,500	3,400	3,200	3,200	3,900	3,600	3,400	3,300	4,600	4,100	3,800	3,600
90	3,400	3,200	3,100	3,100	3,700	3,500	3,300	3,200	4,400	3,900	3,600	3,500
95	3,200	3,100	3,000		3,500	3,300	3,200	3,100	4,100	3,800	3,500	3,400
100	3,100	3,000			3,400	3,200	3,100	3,000	4,000	3,600	3,400	3,300
105	3,000				3,200	3,100	3,000		3,800	3,500	3,300	3,200
110					3,100	3,000	2,900		3,600	3,400	3,200	3,100
115					3,000	2,900			3,500	3,200	3,100	3,000
120									3,400	3,100	3,000	
125									3,200	3,000	3,000	
130									3,100	3,000	2,900	
135									3,000	2,900		
140									3,000	2,900		

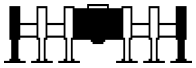
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	105.4	105.0	102.7	98.5	117.0	116.6	114.0	109.3	141.4	140.7	137.7	132.3
Capacity	3,000	3,000	2,900	3,000	3,000	2,900	2,900	3,000	3,000	2,900	2,900	3,000

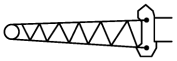
1081140

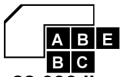
For sales us

Not for crane operations

Rated Lifting Capacities In Pounds


Full


74ft Offset Fly



28,000 lbs

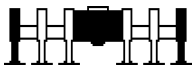
Radius (ft)	Boom Length (ft)											
	Fly Offset											
	99.5				125.5				152.4			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
30	8,500											
35	8,100											
40	7,800				7,500							
45	7,400				7,500							
50	7,100	6,000			7,200				6,500			
55	6,800	5,800			7,000	5,900			6,500			
60	6,400	5,500	4,900		6,700	5,700			6,500			
65	6,200	5,300	4,700		6,500	5,500			6,500	5,600		
70	5,900	5,100	4,500	4,100	6,300	5,300	4,700		6,400	5,500		
75	5,600	4,900	4,400	4,000	6,000	5,100	4,500	4,100	6,200	5,300	4,700	
80	5,400	4,700	4,200	3,900	5,800	5,000	4,400	4,000	6,100	5,200	4,500	
85	5,100	4,500	4,000	3,800	5,600	4,800	4,300	3,900	5,900	5,000	4,400	4,000
90	4,900	4,300	3,900	3,700	5,400	4,600	4,100	3,800	5,700	4,900	4,300	3,900
95	4,700	4,200	3,800	3,600	5,200	4,500	4,000	3,700	5,500	4,700	4,200	3,800
100	4,500	4,000	3,700	3,500	5,000	4,300	3,900	3,600	5,400	4,600	4,100	3,700
105	4,300	3,900	3,600	3,400	4,800	4,200	3,800	3,500	5,200	4,500	4,000	3,600
110	4,200	3,700	3,400	3,300	4,700	4,100	3,700	3,400	5,000	4,300	3,900	3,600
115	4,000	3,600	3,400	3,200	4,500	3,900	3,600	3,400	4,900	4,200	3,800	3,500
120	3,900	3,500	3,300	3,100	4,300	3,800	3,500	3,300	4,600	4,100	3,700	3,400
125	3,700	3,400	3,200	3,100	4,200	3,700	3,400	3,200	4,000	4,000	3,600	3,400
130	3,600	3,300	3,100	3,000	4,100	3,600	3,300	3,200	3,400	3,900	3,500	3,300
135	3,500	3,200	3,000	3,000	3,900	3,500	3,200	3,100	2,900	3,600	3,400	3,200
140	3,400	3,100	3,000		3,800	3,400	3,200	3,100	2,500	3,100	3,400	3,200
145	3,300	3,000	2,900		3,300	3,300	3,100	3,000	2,100	2,700	3,200	3,100
150	3,200	3,000	2,900		2,900	3,200	3,100	3,000	1,700	2,200	2,700	3,000
155	3,100	2,900	2,900		2,600	3,000	3,000	3,000	1,300	1,800	2,300	2,500
160	3,000	2,900			2,200	2,600	2,800	2,900	1,000	1,500	1,900	2,100
165	3,000	2,900			1,900	2,200	2,400			1,100	1,500	1,700
170					1,600	1,900	2,100				1,100	1,300
175					1,400	1,600	1,700					900
180					1,100	1,300						
185					900	1,000						

Min Angle	0.0	0.0	0.0	0.0	19.0	19.5	22.5	22.0	46.5	47.5	47.5	47.5
Max Rad.	166.5	165.7	162.4	156.5	185.8	187.5	185.0	177.3	161.9	169.2	174.2	175.6
Capacity	2,700	2,700	2,900	3,000	0	0	0	0	0	0	0	0

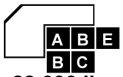
1081140

Not for crane operations

Rated Lifting Capacities In Pounds


Full

74ft Offset Fly



28,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	38.3				50.0				62.1			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
20	9,600				9,800							
25	8,700				8,900				9,100			
30	7,900				8,200				8,500			
35	7,200	6,500			7,600	6,700			7,900			
40	6,600	6,000			7,000	6,200			7,300	6,400		
45	6,100	5,500	5,200		6,500	5,800			6,900	6,000		
50	5,600	5,200	4,800		6,000	5,400	5,000		6,400	5,600	5,100	
55	5,200	4,800	4,500	4,300	5,600	5,100	4,700		6,000	5,300	4,800	
60	4,900	4,500	4,200	4,100	5,300	4,800	4,400	4,200	5,600	5,000	4,600	4,300
65	4,500	4,200	4,000	3,800	4,900	4,500	4,200	4,000	5,300	4,800	4,400	4,100
70	4,200	4,000	3,800	3,600	4,600	4,200	4,000	3,800	5,000	4,500	4,200	3,900
75	4,000	3,700	3,600	3,500	4,400	4,000	3,800	3,600	4,700	4,300	4,000	3,700
80	3,800	3,500	3,400	3,300	4,100	3,800	3,600	3,500	4,500	4,100	3,800	3,600
85	3,500	3,400	3,200	3,200	3,900	3,600	3,400	3,300	4,200	3,900	3,600	3,500
90	3,400	3,200	3,100	3,100	3,700	3,500	3,300	3,200	4,000	3,700	3,500	3,300
95	3,200	3,100	3,000		3,500	3,300	3,200	3,100	3,800	3,600	3,400	3,200
100	3,100	3,000			3,400	3,200	3,100	3,000	3,700	3,400	3,200	3,200
105	3,000				3,200	3,100	3,000		3,500	3,300	3,100	3,100
110					3,100	3,000	2,900		3,400	3,200	3,000	
115					3,000	2,900			3,200	3,000	3,000	
120									3,100	3,000	2,900	
125									3,000	2,900		

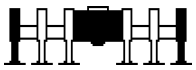
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	105.4	105.0	102.7	98.5	117.0	116.6	114.0	109.3	129.2	128.6	125.8	120.8
Capacity	3,000	3,000	2,900	3,000	3,000	2,900	2,900	3,000	3,000	2,900	2,900	3,000

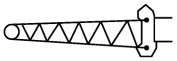
1081150

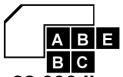
For sales us

Not for crane operations

Rated Lifting Capacities In Pounds


Full


74ft Offset Fly



28,000 lbs

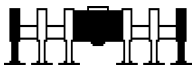
Radius (ft)	Boom Length (ft)											
	Fly Offset											
	87.3				113.4				140.3			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
30	8,700											
35	8,300				8,400							
40	7,800				8,000							
45	7,400	6,300			7,700				7,700			
50	7,000	6,000			7,400	6,200			7,500			
55	6,600	5,700	5,100		7,000	5,900			7,200			
60	6,300	5,400	4,800		6,700	5,700			7,000	5,900		
65	6,000	5,200	4,600	4,200	6,500	5,500	4,800		6,700	5,700		
70	5,700	4,900	4,400	4,100	6,200	5,300	4,600		6,500	5,500		
75	5,400	4,700	4,300	3,900	5,900	5,100	4,500	4,100	6,300	5,300	4,600	
80	5,100	4,500	4,100	3,800	5,700	4,900	4,300	4,000	6,100	5,100	4,500	4,100
85	4,900	4,300	3,900	3,700	5,400	4,700	4,200	3,900	5,900	5,000	4,400	4,000
90	4,700	4,200	3,800	3,600	5,200	4,500	4,000	3,700	5,700	4,800	4,200	3,900
95	4,500	4,000	3,700	3,500	5,000	4,400	3,900	3,600	5,500	4,700	4,100	3,800
100	4,300	3,800	3,500	3,400	4,800	4,200	3,800	3,500	5,300	4,500	4,000	3,700
105	4,100	3,700	3,400	3,300	4,600	4,100	3,700	3,500	5,100	4,400	3,900	3,600
110	3,900	3,600	3,300	3,200	4,500	3,900	3,600	3,400	4,900	4,200	3,800	3,500
115	3,800	3,400	3,200	3,100	4,300	3,800	3,500	3,300	4,800	4,100	3,700	3,400
120	3,600	3,300	3,100	3,100	4,100	3,700	3,400	3,200	4,500	4,000	3,600	3,400
125	3,500	3,200	3,100	3,000	4,000	3,600	3,300	3,200	3,900	3,900	3,500	3,300
130	3,400	3,100	3,000		3,900	3,500	3,200	3,100	3,400	3,800	3,400	3,300
135	3,300	3,000	2,900		3,700	3,400	3,200	3,100	2,900	3,600	3,400	3,200
140	3,200	3,000	2,900		3,600	3,300	3,100	3,000	2,400	3,100	3,300	3,100
145	3,100	2,900			3,400	3,200	3,000	3,000	2,000	2,600	3,100	3,100
150	3,000	2,900			3,000	3,100	3,000	3,000	1,600	2,200	2,600	2,900
155					2,600	2,900	2,900		1,300	1,800	2,200	2,400
160					2,300	2,600	2,700		900	1,400	1,700	1,900
165					2,000	2,200	2,300			1,000	1,400	1,500
170					1,700	1,900					1,000	1,100
175					1,400	1,500						
180					1,200							

Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	42.5	43.0	43.5	43.0
Max Rad.	154.4	153.6	150.4	144.8	180.4	179.6	176.1	170.0	160.8	167.5	171.9	173.1
Capacity	3,000	2,900	2,900	3,000	900	900	1,000	1,100	0	0	0	0

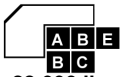
1081150

Not for crane operations

Rated Lifting Capacities In Pounds


Full

90ft Offset Fly



28,000 lbs

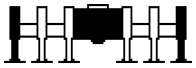
Radius (ft)	Boom Length (ft) / Fly Offset 38.3 0°	38.3 15°	38.3 30°	38.3 45°	61.7 0°	61.7 15°	61.7 30°	61.7 45°	86.0 0°	86.0 15°	86.0 30°	86.0 45°
20	8,300											
25	7,500											
30	6,800				6,900							
35	6,100	5,800			6,500				6,300			
40	5,600	5,300			6,000				6,100			
45	5,100	4,900			5,600	5,100			5,800			
50	4,700	4,500	4,300		5,200	4,800			5,500	5,000		
55	4,300	4,100	4,000		4,900	4,500	4,200		5,200	4,700		
60	4,000	3,800	3,700	3,600	4,600	4,200	4,000		4,900	4,500		
65	3,700	3,500	3,400	3,400	4,300	4,000	3,700	3,600	4,700	4,200	3,900	
70	3,400	3,300	3,200	3,200	4,000	3,700	3,500	3,400	4,400	4,000	3,800	3,600
75	3,200	3,100	3,000	3,000	3,800	3,500	3,300	3,200	4,200	3,800	3,600	3,400
80	2,900	2,800	2,800	2,800	3,500	3,300	3,100	3,000	4,000	3,600	3,400	3,200
85	2,700	2,700	2,600	2,600	3,300	3,100	3,000	2,900	3,800	3,500	3,200	3,100
90	2,600	2,500	2,400	2,400	3,100	2,900	2,800	2,700	3,600	3,300	3,100	3,000
95	2,400	2,300	2,300	2,300	2,900	2,800	2,700	2,600	3,400	3,100	2,900	2,800
100	2,200	2,200	2,200	2,200	2,800	2,600	2,500	2,500	3,200	3,000	2,800	2,700
105	2,100	2,100	2,000		2,600	2,500	2,400	2,400	3,100	2,800	2,700	2,600
110	2,000	1,900	1,900		2,500	2,300	2,300	2,200	2,900	2,700	2,600	2,500
115	1,900	1,800			2,300	2,200	2,200	2,200	2,800	2,600	2,500	2,400
120	1,800	1,800			2,200	2,100	2,100	2,100	2,600	2,500	2,400	2,300
125					2,100	2,000	2,000		2,500	2,400	2,300	2,200
130					2,000	1,900	1,900		2,400	2,300	2,200	2,100
135					1,900	1,800	1,800		2,300	2,200	2,100	2,100
140					1,800	1,800			2,200	2,100	2,000	2,000
145									2,100	2,000	1,900	
150									2,000	1,900	1,900	
155									1,900	1,900	1,800	
160									1,900	1,800		
165									1,800	1,800		

Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	121.4	120.8	118.2	113.4	144.7	144.1	141.0	135.6	169.0	168.3	164.9	159.0
Capacity	1,700	1,800	1,800	2,000	1,700	1,800	1,800	1,900	1,700	1,800	1,800	1,900

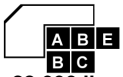
1081160

Not for crane operations

Rated Lifting Capacities In Pounds


Full

90ft Offset Fly



28,000 lbs

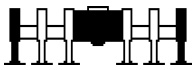
Radius (ft)	Boom Length (ft)											
	Fly Offset											
	111.2				137.2				164.1			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
40	5,200											
45	5,200				4,500							
50	5,200				4,500							
55	5,200	4,800			4,500							
60	5,100	4,600			4,500				4,000			
65	4,900	4,400			4,500	4,500			4,000			
70	4,700	4,200	3,900		4,500	4,300			4,000			
75	4,500	4,100	3,700		4,500	4,200			4,000			
80	4,300	3,900	3,600	3,400	4,500	4,100	3,700		4,000	4,100		
85	4,200	3,700	3,400	3,300	4,400	3,900	3,600		4,000	4,000		
90	4,000	3,600	3,300	3,100	4,200	3,800	3,500	3,300	4,000	3,900		
95	3,800	3,400	3,200	3,000	4,100	3,600	3,400	3,200	4,000	3,800	3,500	
100	3,600	3,300	3,000	2,900	3,900	3,500	3,200	3,100	4,000	3,700	3,400	3,200
105	3,500	3,200	2,900	2,800	3,800	3,400	3,100	3,000	4,000	3,600	3,300	3,100
110	3,300	3,000	2,800	2,700	3,700	3,300	3,000	2,900	3,900	3,500	3,200	3,000
115	3,200	2,900	2,700	2,600	3,500	3,200	2,900	2,800	3,800	3,400	3,100	2,900
120	3,000	2,800	2,600	2,500	3,400	3,000	2,800	2,700	3,700	3,300	3,000	2,800
125	2,900	2,700	2,500	2,400	3,300	2,900	2,700	2,600	3,600	3,200	2,900	2,700
130	2,800	2,600	2,400	2,400	3,200	2,800	2,600	2,500	3,400	3,100	2,800	2,700
135	2,700	2,500	2,300	2,300	3,000	2,700	2,600	2,500	3,100	3,000	2,700	2,600
140	2,600	2,400	2,300	2,200	2,900	2,600	2,500	2,400	2,600	2,900	2,700	2,500
145	2,500	2,300	2,200	2,100	2,800	2,600	2,400	2,300	2,200	2,800	2,600	2,500
150	2,400	2,200	2,100	2,100	2,700	2,500	2,300	2,300	1,800	2,400	2,500	2,400
155	2,300	2,100	2,000	2,000	2,600	2,400	2,200	2,200	1,400	2,000	2,400	2,300
160	2,200	2,000	2,000	2,000	2,300	2,300	2,200	2,100	1,100	1,700	2,100	2,300
165	2,100	2,000	1,900		2,000	2,200	2,100	2,100		1,300	1,700	2,000
170	2,000	1,900	1,900		1,700	2,000	2,100	2,000		1,000	1,400	1,600
175	2,000	1,900	1,800		1,400	1,700	2,000	2,000			1,000	1,200
180	1,900	1,800	1,800		1,100	1,400	1,700	1,700				900
185	1,800	1,800			900	1,200	1,400					
190	1,600	1,700				900	1,100					

Min Angle	0.0	0.0	0.0	0.0	38.0	38.5	38.5	38.5	164.2	54.5	55.0	55.0
Max Rad.	194.2	193.3	189.7	183.5	185.8	190.8	194.2	193.1	164.2	171.9	177.5	180.6
Capacity	1,300	1,300	1,300	1,400	0	0	0	0	0	0	0	0

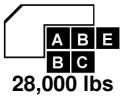
1081160

Not for crane operations

Rated Lifting Capacities In Pounds


Full

90ft Offset Fly



28,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	38.3				50.0				74.3			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
20	8,300											
25	7,500				7,600							
30	6,800				6,900				7,000			
35	6,100	5,800			6,400				6,600			
40	5,600	5,300			5,900	5,400			6,200			
45	5,100	4,900			5,400	5,000			5,800	5,300		
50	4,700	4,500	4,300		5,000	4,700	4,400		5,500	5,000		
55	4,300	4,100	4,000		4,700	4,300	4,100		5,200	4,700		
60	4,000	3,800	3,700	3,600	4,300	4,000	3,900	3,700	4,800	4,400	4,100	
65	3,700	3,500	3,400	3,400	4,000	3,800	3,600	3,500	4,600	4,200	3,900	
70	3,400	3,300	3,200	3,200	3,700	3,500	3,400	3,300	4,300	3,900	3,700	3,500
75	3,200	3,100	3,000	3,000	3,500	3,300	3,200	3,100	4,000	3,700	3,500	3,300
80	2,900	2,800	2,800	2,800	3,200	3,100	3,000	2,900	3,800	3,500	3,300	3,200
85	2,700	2,700	2,600	2,600	3,000	2,900	2,800	2,800	3,600	3,300	3,100	3,000
90	2,600	2,500	2,400	2,400	2,800	2,700	2,600	2,600	3,400	3,100	3,000	2,900
95	2,400	2,300	2,300	2,300	2,700	2,600	2,500	2,500	3,200	3,000	2,800	2,700
100	2,200	2,200	2,200	2,200	2,500	2,400	2,400	2,300	3,000	2,800	2,700	2,600
105	2,100	2,100	2,000		2,400	2,300	2,200	2,200	2,900	2,700	2,600	2,500
110	2,000	1,900	1,900		2,200	2,100	2,100	2,100	2,700	2,500	2,400	2,400
115	1,900	1,800			2,100	2,000	2,000		2,600	2,400	2,300	2,300
120	1,800	1,800			2,000	1,900	1,900		2,400	2,300	2,200	2,200
125					1,900	1,800			2,300	2,200	2,100	2,100
130					1,800	1,800			2,200	2,100	2,000	2,000
135									2,100	2,000	2,000	
140									2,000	1,900	1,900	
145									1,900	1,900	1,800	
150									1,900	1,800		
155									1,800	1,800		

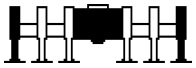
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	121.4	120.8	118.2	113.4	133.0	132.4	129.5	124.4	157.4	156.6	153.4	147.7
Capacity	1,700	1,800	1,800	2,000	1,700	1,800	1,800	1,900	1,700	1,800	1,800	1,900

1081170

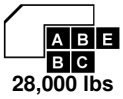
For sales us

Not for crane operations

Rated Lifting Capacities In Pounds


Full

90ft Offset Fly



28,000 lbs

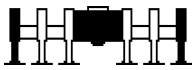
Radius (ft)	Boom Length (ft)											
	Fly Offset											
	99.5				125.5				152.4			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
35	6,500											
40	6,300											
45	6,000				5,600							
50	5,700	5,100			5,600				4,900			
55	5,500	4,900			5,600				4,900			
60	5,200	4,700			5,400	4,800			4,900			
65	5,000	4,400	4,100		5,200	4,600			4,900			
70	4,700	4,200	3,900		5,000	4,400			4,900	4,500		
75	4,500	4,000	3,700	3,500	4,800	4,200	3,900		4,900	4,400		
80	4,300	3,800	3,500	3,300	4,600	4,100	3,700	3,500	4,800	4,200	3,800	
85	4,100	3,700	3,400	3,200	4,400	3,900	3,600	3,400	4,600	4,100	3,700	
90	3,900	3,500	3,200	3,100	4,200	3,800	3,400	3,200	4,500	4,000	3,600	3,400
95	3,700	3,300	3,100	3,000	4,100	3,600	3,300	3,100	4,300	3,800	3,500	3,200
100	3,500	3,200	3,000	2,800	3,900	3,500	3,200	3,000	4,200	3,700	3,400	3,100
105	3,300	3,000	2,800	2,700	3,700	3,300	3,100	2,900	4,000	3,600	3,200	3,000
110	3,200	2,900	2,700	2,600	3,600	3,200	3,000	2,800	3,900	3,400	3,100	3,000
115	3,000	2,800	2,600	2,500	3,400	3,100	2,800	2,700	3,800	3,300	3,000	2,900
120	2,900	2,700	2,500	2,400	3,300	3,000	2,700	2,600	3,600	3,200	2,900	2,800
125	2,800	2,500	2,400	2,300	3,200	2,800	2,600	2,500	3,500	3,100	2,900	2,700
130	2,600	2,400	2,300	2,300	3,000	2,700	2,600	2,500	3,400	3,000	2,800	2,600
135	2,500	2,300	2,200	2,200	2,900	2,600	2,500	2,400	3,000	2,900	2,700	2,500
140	2,400	2,200	2,200	2,100	2,800	2,500	2,400	2,300	2,500	2,800	2,600	2,500
145	2,300	2,200	2,100	2,100	2,700	2,400	2,300	2,200	2,100	2,700	2,500	2,400
150	2,200	2,100	2,000	2,000	2,600	2,400	2,200	2,200	1,700	2,300	2,400	2,300
155	2,100	2,000	1,900		2,500	2,300	2,200	2,100	1,300	1,900	2,400	2,300
160	2,000	1,900	1,900		2,200	2,200	2,100	2,100	1,000	1,500	2,000	2,200
165	2,000	1,900	1,800		1,900	2,100	2,000	2,000		1,200	1,600	1,800
170	1,900	1,800	1,800		1,600	2,000	2,000	2,000			1,200	1,400
175	1,800	1,800			1,300	1,600	1,800				900	1,100
180	1,800	1,700			1,100	1,300	1,500					
185						1,100	1,200					
190							900					

Min Angle	0.0	0.0	0.0	0.0	32.5	32.5	32.5	32.0	51.0	52.0	52.0	52.0
Max Rad.	182.5	181.7	178.2	172.1	184.2	189.2	190.8	189.4	161.9	169.4	175.6	178.1
Capacity	1,700	1,700	1,800	1,900	0	0	0	0	0	0	0	0

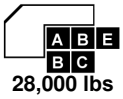
1081170

Not for crane operations

Rated Lifting Capacities In Pounds


Full

90ft Offset Fly



28,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	38.3				50.0				62.1			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
20	8,300											
25	7,500				7,600				7,600			
30	6,800				6,900				7,100			
35	6,100	5,800			6,400				6,600			
40	5,600	5,300			5,900	5,400			6,100	5,600		
45	5,100	4,900			5,400	5,000			5,700	5,200		
50	4,700	4,500	4,300		5,000	4,700	4,400		5,300	4,800		
55	4,300	4,100	4,000		4,700	4,300	4,100		4,900	4,500	4,300	
60	4,000	3,800	3,700	3,600	4,300	4,000	3,900	3,700	4,600	4,200	4,000	
65	3,700	3,500	3,400	3,400	4,000	3,800	3,600	3,500	4,300	4,000	3,800	3,600
70	3,400	3,300	3,200	3,200	3,700	3,500	3,400	3,300	4,000	3,700	3,500	3,400
75	3,200	3,100	3,000	3,000	3,500	3,300	3,200	3,100	3,800	3,500	3,300	3,200
80	2,900	2,800	2,800	2,800	3,200	3,100	3,000	2,900	3,500	3,300	3,200	3,100
85	2,700	2,700	2,600	2,600	3,000	2,900	2,800	2,800	3,300	3,100	3,000	2,900
90	2,600	2,500	2,400	2,400	2,800	2,700	2,600	2,600	3,100	2,900	2,800	2,700
95	2,400	2,300	2,300	2,300	2,700	2,600	2,500	2,500	2,900	2,800	2,700	2,600
100	2,200	2,200	2,200	2,200	2,500	2,400	2,400	2,300	2,800	2,600	2,500	2,500
105	2,100	2,100	2,000		2,400	2,300	2,200	2,200	2,600	2,500	2,400	2,400
110	2,000	1,900	1,900		2,200	2,100	2,100	2,100	2,500	2,400	2,300	2,300
115	1,900	1,800			2,100	2,000	2,000		2,300	2,200	2,200	2,200
120	1,800	1,800			2,000	1,900	1,900		2,200	2,100	2,100	2,100
125					1,900	1,800			2,100	2,000	2,000	
130					1,800	1,800			2,000	1,900	1,900	
135									1,900	1,900	1,800	
140									1,800	1,800		
145									1,700			

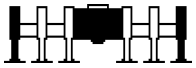
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	121.4	120.8	118.2	113.4	133.0	132.4	129.5	124.4	145.2	144.5	141.4	136.0
Capacity	1,700	1,800	1,800	2,000	1,700	1,800	1,800	1,900	1,700	1,800	1,800	1,900

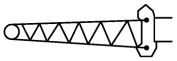
1081180

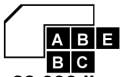
For sales us

Not for crane operations

Rated Lifting Capacities In Pounds


Full


90ft Offset Fly



28,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	87.3				113.4				140.3			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
35	6,800											
40	6,400				6,500							
45	6,100				6,200							
50	5,700	5,100			5,900				5,800			
55	5,400	4,800			5,700	5,000			5,800			
60	5,100	4,600	4,200		5,400	4,800			5,600			
65	4,800	4,300	4,000		5,200	4,600			5,400	4,800		
70	4,600	4,100	3,800	3,600	5,000	4,400	4,000		5,200	4,600		
75	4,300	3,900	3,600	3,400	4,700	4,200	3,800		5,000	4,400	4,000	
80	4,100	3,700	3,400	3,300	4,500	4,000	3,700	3,400	4,800	4,200	3,800	
85	3,900	3,500	3,300	3,100	4,300	3,800	3,500	3,300	4,600	4,100	3,700	3,400
90	3,700	3,300	3,100	3,000	4,100	3,700	3,400	3,200	4,500	3,900	3,600	3,300
95	3,500	3,200	3,000	2,900	3,900	3,500	3,200	3,100	4,300	3,800	3,400	3,200
100	3,300	3,000	2,800	2,700	3,700	3,400	3,100	2,900	4,100	3,600	3,300	3,100
105	3,100	2,900	2,700	2,600	3,600	3,200	3,000	2,800	4,000	3,500	3,200	3,000
110	3,000	2,700	2,600	2,500	3,400	3,100	2,900	2,700	3,800	3,400	3,100	2,900
115	2,800	2,600	2,500	2,400	3,300	3,000	2,800	2,600	3,700	3,200	3,000	2,800
120	2,700	2,500	2,400	2,300	3,100	2,800	2,600	2,500	3,500	3,100	2,900	2,700
125	2,600	2,400	2,300	2,200	3,000	2,700	2,600	2,500	3,400	3,000	2,800	2,600
130	2,400	2,300	2,200	2,200	2,900	2,600	2,500	2,400	3,200	2,900	2,700	2,600
135	2,300	2,200	2,100	2,100	2,700	2,500	2,400	2,300	3,000	2,800	2,600	2,500
140	2,200	2,100	2,000	2,000	2,600	2,400	2,300	2,200	2,500	2,700	2,500	2,400
145	2,100	2,000	2,000		2,500	2,300	2,200	2,200	2,100	2,600	2,400	2,300
150	2,000	1,900	1,900		2,400	2,200	2,100	2,100	1,700	2,300	2,400	2,300
155	1,900	1,900	1,800		2,300	2,200	2,100	2,000	1,300	1,900	2,300	2,200
160	1,900	1,800			2,200	2,100	2,000	2,000	1,000	1,500	1,900	2,100
165	1,800	1,800			2,000	2,000	1,900			1,100	1,500	1,700
170	1,700				1,700	1,900	1,900				1,100	1,300
175					1,400	1,700	1,800					900
180					1,100	1,400	1,500					
185					900	1,100						

Min Angle	0.0	0.0	0.0	0.0	22.0	22.5	23.0	27.5	47.5	48.5	49.0	48.5
Max Rad.	170.4	169.6	166.2	160.3	186.3	189.2	188.1	181.1	161.9	169.2	174.2	175.6
Capacity	1,700	1,800	1,800	1,900	0	0	0	0	0	0	0	0

1081180

Not for crane operations

Rated Lifting Capacities In Pounds

Full

32,000 lbs

Radius (ft)	Boom Length (ft) Extend Mode										
	38.3	50.0	50.5	60.0	61.7	62.1	63.0	73.8	74.3	74.7	75.0
	ALL	EM1,2,3,4,5	EM6	EM2	EM1, EM4	EM3, EM5	EM6	EM4	EM2	EM5	EM1
7	220,000	*									
8	200,000	*									
9	174,600										
10	165,400	86,000	160,300	90,200	58,400	90,400	137,600				
12	148,500	80,400	146,900	85,000	54,200	85,400	137,600	55,600	59,800	88,300	55,500
15	127,400	73,000	129,200	78,200	49,000	78,700	124,700	50,900	54,200	82,400	50,900
20	93,300	63,600	96,200	68,900	42,000	69,700	97,100	44,700	46,800	74,100	44,800
25	72,200	56,300	75,100	61,800	36,700	62,600	76,100	39,800	41,000	67,400	40,000
30	57,800	50,800	60,800	56,000	32,700	56,900	61,900	35,800	36,400	61,800	36,000
35		46,300	49,400	51,500	29,400	51,800	50,500	32,500	32,800	52,200	32,700
40		40,000	39,400	41,600	26,700	41,900	40,700	29,800	29,700	42,300	29,900
45				34,400	24,400	34,600	33,400	27,500	26,800	35,100	27,300
50				28,900	22,600	29,200	28,000	25,500	24,200	29,800	25,100
55						24,900	23,800	23,800	22,100	25,500	23,300
60								22,100	20,400	22,000	21,700
65								20,100	18,800	19,200	20,200
Unpinned			106,000				106,400				
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	31.3	43.0	43.5	53.0	54.7	55.1	56.0	66.8	67.3	67.7	68.0
Capacity	33,100	24,700	23,800	19,700	19,400	18,800	17,400	15,200	14,700	14,200	14,900

1090070

* ***Boom Centered Over Rear Only***

For sales use only

Radius (ft)	Boom Length (ft) Extend Mode										
	75.0	76.1	85.0	86.0	86.4	87.3	87.8	89.5	99.4	99.5	100.0
	EM3	EM6	EM2	EM1	EM4	EM3	EM5	EM6	EM4	EM2	EM1
12	88,300	120,400									
15	82,400	120,400	55,500	45,500	52,800	64,900	82,000	91,500			
20	74,100	96,800	48,600	39,600	47,000	56,200	77,000	91,500	48,600	47,500	41,100
25	67,400	76,000	43,200	34,900	42,400	49,500	70,800	75,200	44,400	42,200	36,900
30	61,900	61,800	38,800	31,100	38,600	44,000	63,100	61,100	40,800	37,800	33,100
35	52,200	50,300	35,200	28,000	35,400	39,600	51,700	49,300	37,700	34,000	30,200
40	42,300	40,500	32,100	25,400	32,500	35,900	41,900	39,600	35,000	31,000	27,600
45	35,100	33,400	29,500	23,200	30,200	32,800	34,700	32,500	32,500	28,400	25,400
50	29,800	28,100	27,200	21,300	28,200	30,000	29,400	27,300	30,400	26,100	23,600
55	25,500	23,900	25,000	19,700	26,500	25,800	25,200	23,100	26,100	24,100	21,900
60	22,000	20,400	22,800	18,200	23,200	22,400	21,800	19,800	22,800	22,400	20,500
65	19,200	17,700	20,000	17,000	20,300	19,600	19,000	17,000	20,000	20,200	19,200
70			17,600	15,800	18,000	17,200	16,600	14,800	17,600	17,800	18,000
75			15,700	14,700	16,000	15,300	14,700	12,800	15,700	15,800	16,500
80						13,600	13,000	11,100	14,000	14,200	14,900
85									12,500	12,700	13,400
90									11,200	11,400	12,100
Unpinned		106,300						91,500			
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	68.0	69.1	78.0	79.0	79.4	80.3	80.8	82.5	92.4	92.5	93.0
Capacity	14,100	12,400	11,900	12,300	11,900	10,900	10,300	8,100	8,800	8,900	9,500

1090070

Not for crane operations

Rated Lifting Capacities In Pounds

Full

32,000 lbs

Radius (ft)	Boom Length (ft) Extend Mode									
	100.0		110.0	111.2	113.4	114.6	115.0	125.0		125.5
	EM3	EM5	EM2	EM1	EM3	EM5	EM4	EM1	EM3	EM2
20	58,300	65,800	43,400	36,400	45,300	50,400	43,900			
25	52,000	65,800	43,400	36,400	45,300	50,400	43,900	29,900	38,700	33,300
30	46,800	62,300	39,500	33,700	44,200	50,400	42,300	29,900	38,700	33,300
35	42,500	50,800	35,900	31,000	40,000	46,200	39,400	29,900	38,700	33,300
40	38,800	40,900	32,700	28,500	36,300	40,100	36,900	29,800	38,200	32,700
45	35,000	33,800	30,100	26,200	33,100	33,000	34,600	27,900	33,900	30,100
50	29,700	28,600	27,900	24,100	29,400	27,800	29,300	26,000	28,700	27,800
55	25,400	24,400	25,900	22,300	25,200	23,600	25,100	24,200	24,500	25,700
60	22,100	21,000	22,700	20,800	21,800	20,300	21,700	22,600	21,200	22,300
65	19,300	18,300	19,900	19,400	19,000	17,500	19,000	20,400	18,400	19,500
70	17,000	16,000	17,600	18,100	16,700	15,400	16,700	18,100	16,100	17,200
75	15,000	14,000	15,700	16,600	14,900	13,400	14,800	16,100	14,300	15,300
80	13,300	12,300	14,000	14,900	13,200	11,700	13,100	14,500	12,600	13,700
85	11,900	10,900	12,500	13,400	11,700	10,300	11,600	13,100	11,200	12,200
90	10,600	9,600	11,200	12,100	10,400	9,000	10,300	11,800	9,900	10,900
95			10,000	11,000	9,200	7,900	9,200	10,600	8,700	9,700
100			9,000	9,900	8,200	6,800	8,200	9,600	7,700	8,700
105					7,300	5,900	7,300	8,700	6,800	7,800
110								7,800	6,000	7,000
115								7,100	5,200	6,300
Unpinned										
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	93.0	93.0	103.0	104.2	106.4	107.6	108.0	118.0	118.0	118.5
Capacity	8,100	7,100	7,000	7,700	5,700	4,200	5,500	5,600	3,700	4,700

1090070

For sales use only

Not for crane operations

Rated Lifting Capacities In Pounds

Full

32,000 lbs

Radius (ft)	Boom Length (ft) Extend Mode						
	126.3 EM4	137.2 EM1	140.0 EM2	140.3 EM3	150.0 EM1	152.4 EM2	164.1 EM1
25	37,700	25,400					
30	37,700	25,400	28,300	30,800	22,500	24,400	
35	37,700	25,400	28,300	30,800	22,500	24,400	19,600
40	37,300	25,400	28,300	30,800	22,500	24,400	19,600
45	33,900	25,400	28,300	30,800	22,500	24,400	19,600
50	28,700	25,400	28,300	28,000	22,500	24,400	19,600
55	24,500	24,600	24,900	23,800	22,500	24,300	19,600
60	21,100	22,900	21,500	20,500	22,200	21,000	19,600
65	18,400	20,100	18,800	17,800	19,400	18,200	18,800
70	16,100	17,800	16,500	15,600	17,100	15,900	16,500
75	14,300	15,800	14,600	13,700	15,300	14,200	14,700
80	12,600	14,200	13,000	12,000	13,600	12,500	13,000
85	11,100	12,800	11,500	10,600	12,200	11,000	11,600
90	9,800	11,500	10,200	9,300	10,900	9,800	10,300
95	8,700	10,400	9,100	8,200	9,800	8,600	9,200
100	7,700	9,300	8,100	7,200	8,800	7,700	8,200
105	6,800	8,400	7,200	6,300	7,800	6,800	7,300
110	6,000	7,600	6,400	5,400	7,000	5,900	6,500
115	5,200	6,800	5,600	4,700	6,300	5,200	5,800
120		6,200	5,000	4,000	5,600	4,500	5,100
125		5,500	4,300	3,400	5,000	3,900	4,500
130		5,000	3,800	2,900	4,400	3,400	3,900
135					3,900	2,800	3,400
140					3,400	2,400	2,900
145						1,900	2,500
150							2,100
155							1,700
Unpinned							

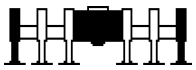
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	119.3	130.2	133.0	133.3	143.0	145.4	157.1
Capacity	3,600	4,100	2,600	1,600	2,400	1,100	800

1090070

For sales use only

Not for crane operations

Rated Lifting Capacities In Pounds


Full

10ft Offset Fly
0°- 45° Offset

32,000 lbs

Radius (ft)	Boom Length (ft) Extend Mode										
	38.3	50.0	50.5	60.0	61.7	62.1	63.0	73.8	74.3	74.7	75.0
	ALL	EM1,2,3,4,5	EM6	EM2	EM1, EM4	EM3, EM5	EM6	EM4	EM2	EM5	EM1
10	42,100	42,900	42,900	47,700	47,700	47,700	47,700				
12	41,100	42,100	42,100	42,600	38,900	42,600	42,800	46,400	47,600	47,600	47,600
15	39,400	40,900	40,900	41,500	35,400	41,600	41,700	36,400	41,800	42,000	42,300
20	36,400	38,400	38,600	39,700	31,200	39,900	40,200	32,500	38,700	40,700	32,600
25	34,400	34,400	36,300	36,900	27,500	37,300	38,000	29,100	34,400	38,800	29,200
30	33,400	31,600	34,400	34,100	24,600	34,400	36,200	26,300	30,600	36,500	26,400
35	32,500	29,000	34,000	31,400	22,200	31,800	34,600	24,000	27,600	34,200	24,100
40	32,500	26,800	32,900	29,200	20,300	29,600	34,400	22,100	25,000	31,900	22,200
45		25,200	32,400	27,300	18,600	27,700	33,400	20,400	22,900	30,000	20,600
50		24,000	28,600	25,800	17,300	26,200	28,800	19,000	21,100	28,400	19,100
55				24,600	16,300	24,900	24,700	17,800	19,500	25,700	17,900
60				22,200	15,300	22,300	21,300	16,900	17,900	22,300	17,100
65						19,600	18,600	16,000	16,700	19,500	16,100
70								15,200	15,500	17,300	15,300
75								14,600	14,400	15,400	14,600
Unpinned			42,900				47,700				
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	41.4	53.1	53.5	63.1	64.7	65.2	66.1	76.9	77.4	77.8	78.1
Capacity	26,300	20,300	19,600	16,400	14,700	15,800	14,600	12,900	12,500	12,000	12,600

1091010

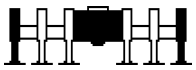
Radius (ft)	Boom Length (ft) Extend Mode										
	75.0	76.1	85.0	86.0	86.4	87.3	87.8	89.5	99.4	99.5	100.0
	EM3	EM6	EM2	EM1	EM4	EM3	EM5	EM6	EM4	EM2	EM1
12	47,600	47,600									
15	42,000	42,200	46,100	41,700	40,200	46,300	46,600	47,200			
20	40,700	40,900	39,600	32,700	33,700	40,800	41,000	41,300	34,500	38,500	32,800
25	38,800	39,200	35,300	29,700	30,500	39,300	39,600	40,100	31,600	35,600	30,300
30	36,500	37,500	32,000	27,000	27,800	37,800	38,100	38,500	29,100	32,400	28,000
35	34,200	36,000	29,000	24,300	25,600	34,900	35,900	37,100	27,000	29,800	25,700
40	32,000	34,800	26,600	22,000	23,700	31,900	34,000	35,900	25,100	27,600	23,600
45	30,000	33,600	24,500	20,100	22,100	29,100	32,000	32,500	23,500	25,600	21,700
50	28,400	28,400	22,700	18,500	20,600	26,800	29,300	27,300	22,000	23,700	20,100
55	25,700	24,200	21,100	17,200	19,400	24,800	25,100	23,200	20,800	21,900	18,700
60	22,300	20,800	19,700	16,000	18,300	22,300	21,700	19,900	19,700	20,300	17,400
65	19,500	18,100	18,400	14,900	17,300	19,500	19,000	17,200	18,700	18,900	16,400
70	17,300	15,900	17,200	13,900	16,600	17,200	16,700	15,000	17,400	17,600	15,400
75	15,400	14,000	15,800	13,000	15,800	15,300	14,800	13,100	15,500	15,700	14,500
80			14,100	12,200	14,400	13,700	13,200	11,400	13,800	14,000	13,700
85			12,700	11,400	12,900	12,200	11,700	10,000	12,400	12,600	12,900
90						11,000	10,500	8,800	11,100	11,300	11,900
95									10,000	10,200	10,800
100									9,000	9,200	9,800
Unpinned		47,600						47,200			
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	78.1	79.1	88.1	89.0	89.5	90.4	90.8	92.6	102.5	102.5	103.1
Capacity	11,900	10,400	10,000	10,400	10,000	9,200	8,600	6,600	7,200	7,400	7,900

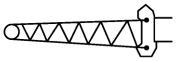
1091010

Sales use only

Not for crane operations

Rated Lifting Capacities In Pounds


Full


10ft Offset Fly
0°- 45° Offset

32,000 lbs

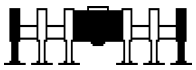
Radius (ft)	Boom Length (ft)									
	Extend Mode									
	100.0		110.0	111.2	113.4	114.6	115.0	125.0		125.5
	EM3	EM5	EM2	EM1	EM3	EM5	EM4	EM1	EM3	EM2
20	40,800	41,100	32,700	27,200	35,500	39,500	32,900			
25	39,500	39,900	32,700	27,200	35,500	39,500	32,400	23,600	30,400	26,600
30	38,200	38,600	32,700	27,200	35,500	38,600	30,100	23,600	30,400	26,600
35	36,700	37,300	30,400	26,300	35,500	37,500	28,100	23,600	30,400	26,600
40	33,800	35,200	28,300	24,300	33,600	36,300	26,300	23,600	30,400	26,600
45	31,100	33,500	26,400	22,500	30,800	32,700	24,800	23,400	30,400	26,600
50	28,800	28,400	24,800	20,900	28,300	27,500	23,400	21,900	28,300	25,300
55	25,200	24,200	23,200	19,600	24,800	23,300	22,100	20,600	24,100	24,000
60	21,800	20,800	21,600	18,300	21,400	20,000	21,000	19,400	20,700	21,800
65	19,100	18,100	19,500	17,200	18,700	17,300	18,600	18,300	18,000	19,000
70	16,800	15,800	17,200	16,200	16,400	15,100	16,300	17,300	15,700	16,700
75	14,900	14,000	15,300	15,300	14,500	13,200	14,500	15,700	13,900	14,900
80	13,200	12,300	13,700	14,500	12,900	11,500	12,800	14,000	12,200	13,200
85	11,800	10,900	12,200	13,100	11,400	10,100	11,300	12,600	10,800	11,800
90	10,500	9,600	10,900	11,800	10,100	8,800	10,100	11,300	9,500	10,500
95	9,400	8,500	9,800	10,700	9,000	7,700	9,000	10,200	8,400	9,400
100	8,400	7,600	8,800	9,700	8,000	6,800	8,000	9,200	7,400	8,400
105			7,900	8,800	7,200	5,900	7,100	8,300	6,500	7,500
110			7,100	8,000	6,400	5,100	6,300	7,500	5,800	6,700
115					5,700	4,400	5,600	6,800	5,000	6,000
120								6,100	4,400	5,300
125								5,500	3,800	4,700
Unpinned										
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	103.1	103.1	113.1	114.2	116.4	117.7	118.1	128.1	128.1	128.6
Capacity	6,600	5,700	5,600	6,300	4,400	3,000	4,200	4,300	2,600	3,500

1091010

For sales use only

Not for crane operations

Rated Lifting Capacities In Pounds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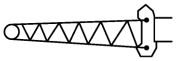

10ft Offset Fly
0°- 45° Offset

32,000 lbs

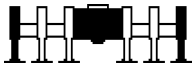
Radius (ft)	Boom Length (ft) Extend Mode						
	126.3 EM4	137.2 EM1	140.0 EM2	140.3 EM3	150.0 EM1	152.4 EM2	164.1 EM1
25	29,000	20,500					
30	29,000	20,500	23,100	25,400	18,500		
35	28,400	20,500	23,100	25,400	18,500	20,400	15,900
40	26,800	20,500	23,100	25,400	18,500	20,400	15,900
45	25,300	20,500	23,100	25,400	18,500	20,400	15,900
50	23,900	20,500	23,100	25,400	18,500	20,400	15,900
55	22,700	20,500	23,100	23,300	18,500	20,400	15,900
60	20,700	20,000	21,000	20,000	18,500	20,400	15,900
65	17,900	19,000	18,200	17,300	18,500	17,700	15,900
70	15,800	17,200	15,900	15,100	16,500	15,500	15,900
75	13,900	15,400	14,100	13,200	14,700	13,600	14,100
80	12,200	13,700	12,500	11,600	13,000	11,900	12,400
85	10,800	12,200	11,000	10,100	11,600	10,500	11,000
90	9,500	11,000	9,800	8,900	10,300	9,200	9,700
95	8,400	9,800	8,600	7,700	9,200	8,100	8,600
100	7,400	8,800	7,600	6,800	8,200	7,100	7,600
105	6,500	7,900	6,800	5,900	7,300	6,300	6,700
110	5,700	7,100	6,000	5,100	6,500	5,500	5,900
115	5,000	6,400	5,200	4,400	5,800	4,700	5,200
120	4,400	5,700	4,600	3,700	5,100	4,100	4,500
125	3,800	5,100	4,000	3,100	4,500	3,500	3,900
130		4,600	3,500	2,600	4,000	2,900	3,400
135		4,100	3,000	2,100	3,500	2,400	2,900
140		3,700	2,500		3,000	2,000	2,400
145					2,600	1,600	2,000
150					2,200		1,600
155							1,200
160							900
Unpinned							
Min Angle	0.0	0.0	0.0	15.0	0.0	18.5	19.0
Max Rad.	129.4	140.3	143.1	140.0	153.1	150.0	160.6
Capacity	2,400	2,900	1,500	0	1,300	0	0

1091010

For sale use only

Not for crane operations

Rated Lifting Capacities In Pounds


Full

35ft Offset Fly

32,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	38.3				61.7				86.0			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
10	28,700											
12	26,800											
15	24,400				25,200							
20	21,100	16,900			23,000				21,300			
25	18,600	15,300	13,000		21,000	16,400			20,700			
30	16,700	14,000	12,100	10,800	19,200	15,400	12,800		19,700	15,800		
35	15,000	12,900	11,400	10,300	17,700	14,400	12,200		18,700	15,100		
40	13,600	12,000	10,800	9,900	16,500	13,600	11,600	10,400	17,700	14,400	12,100	
45	12,500	11,200	10,200	9,600	15,300	12,800	11,200	10,100	16,800	13,800	11,700	10,400
50	11,500	10,500	9,700	9,200	14,300	12,200	10,700	9,800	16,000	13,200	11,300	10,100
55	10,700	9,900	9,300	8,900	13,100	11,600	10,400	9,600	15,200	12,700	11,000	9,900
60	9,900	9,300	8,900		12,000	11,000	10,000	9,300	14,400	12,200	10,700	9,800
65	9,200	8,900			11,000	10,500	9,600	9,100	13,300	11,700	10,400	9,500
70					10,200	9,800	9,300	8,900	12,300	11,300	10,100	9,300
75					9,500	9,200	9,000		11,500	10,900	9,800	9,100
80					8,900	8,600	8,500		10,700	10,300	9,500	9,000
85					8,300	8,200			10,000	9,800	9,300	8,900
90									9,300	9,200	8,900	8,800
95									8,800	8,700	8,600	
100									8,200	8,200	8,100	
105									7,700	7,700	7,700	
110									7,300	7,300		

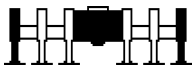
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	66.4	66.3	65.0	62.5	89.7	89.5	87.8	84.7	114.0	113.7	111.8	108.3
Capacity	9,000	8,900	8,900	8,900	7,900	8,000	8,100	8,500	7,000	7,000	7,300	7,700

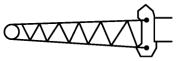
1091070

For sales us

Not for crane operations

Rated Lifting Capacities In Pounds


Full


35ft Offset Fly

32,000 lbs

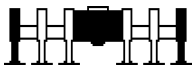
Radius (ft)	Boom Length (ft)											
	Fly Offset											
	111.2				137.2				164.1			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
25	16,200											
30	16,200											
35	16,200				13,200							
40	16,200	14,500			13,200				11,100			
45	16,200	14,100	12,000		13,200	13,700			11,100			
50	16,200	13,600	11,700	10,400	13,200	13,600			11,100			
55	15,800	13,200	11,400	10,200	13,200	13,300	11,600		11,100	11,600		
60	15,300	12,800	11,100	10,000	13,200	13,000	11,400	10,200	11,100	11,600		
65	14,800	12,500	10,900	9,900	13,200	12,700	11,200	10,100	11,100	11,600	11,300	
70	14,300	12,100	10,600	9,700	13,200	12,500	11,000	9,900	11,100	11,600	11,100	10,100
75	13,500	11,800	10,400	9,500	13,200	12,200	10,800	9,700	11,100	11,600	11,000	9,900
80	12,600	11,400	10,200	9,300	13,200	11,900	10,600	9,600	11,100	11,600	10,800	9,800
85	11,900	11,100	9,900	9,200	12,800	11,700	10,400	9,400	11,100	11,600	10,700	9,600
90	11,200	10,600	9,700	9,000	11,500	11,500	10,200	9,300	10,200	11,000	10,500	9,500
95	10,600	10,100	9,500	8,900	10,400	11,000	10,000	9,200	9,100	9,800	10,300	9,400
100	10,000	9,700	9,200	8,800	9,400	9,900	9,800	9,100	8,100	8,700	9,300	9,200
105	9,400	9,200	8,900	8,700	8,500	8,900	9,300	8,900	7,200	7,800	8,300	8,700
110	8,600	8,800	8,600	8,400	7,600	8,100	8,400	8,600	6,400	6,900	7,400	7,700
115	7,800	8,100	8,300		6,900	7,300	7,600	7,800	5,700	6,200	6,600	6,900
120	7,200	7,400	7,500		6,200	6,600	6,900	7,000	5,000	5,500	5,900	6,100
125	6,600	6,800	6,900		5,600	6,000	6,200	6,300	4,400	4,800	5,200	5,400
130	6,000	6,200			5,100	5,400	5,600	5,700	3,800	4,200	4,600	4,700
135	5,500	5,600			4,500	4,800	5,000		3,300	3,700	4,000	4,100
140					4,100	4,300	4,500		2,800	3,200	3,500	3,600
145					3,600	3,800	4,000		2,400	2,700	3,000	3,100
150					3,200	3,400	3,500		2,000	2,300	2,500	2,600
155					2,900	3,000			1,600	1,900	2,100	
160					2,500	2,600			1,300	1,500	1,700	
165					2,200				900	1,200	1,300	
170											900	

Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	34.0	34.0	34.0	34.0
Max Rad.	139.2	138.8	136.7	132.9	165.3	164.8	162.6	158.6	165.8	169.4	170.6	170.0
Capacity	4,400	4,400	4,500	4,700	1,600	1,600	1,600	1,700	0	0	0	0

1091070

For Sale Not for crane operations

Rated Lifting Capacities In Pounds


Full

35ft Offset Fly

32,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	38.3				50.0				74.3			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
10	28,700											
12	26,800				27,600							
15	24,400				25,500							
20	21,100	16,900			22,600	17,400			23,400			
25	18,600	15,300	13,000		20,200	16,000			21,700	16,900		
30	16,700	14,000	12,100	10,800	18,200	14,800	12,500		20,200	15,900		
35	15,000	12,900	11,400	10,300	16,700	13,800	11,800	10,500	18,800	15,000	12,500	
40	13,600	12,000	10,800	9,900	15,300	12,900	11,300	10,200	17,500	14,200	12,000	10,500
45	12,500	11,200	10,200	9,600	14,100	12,100	10,700	9,900	16,500	13,500	11,500	10,300
50	11,500	10,500	9,700	9,200	13,000	11,400	10,300	9,600	15,500	12,800	11,100	10,000
55	10,700	9,900	9,300	8,900	12,100	10,800	9,900	9,300	14,600	12,200	10,700	9,800
60	9,900	9,300	8,900		11,400	10,300	9,500	9,000	13,700	11,700	10,400	9,600
65	9,200	8,900			10,700	9,800	9,100	8,900	13,000	11,200	10,100	9,300
70					10,000	9,300	8,900		12,300	10,800	9,800	9,100
75					9,300	8,900			11,700	10,400	9,500	9,000
80									11,200	10,000	9,200	8,900
85									10,700	9,600	9,000	
90									10,100	9,300	8,800	
95									9,500	9,000	8,800	
100									9,000	8,800		

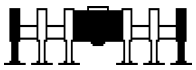
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	66.4	66.3	65.0	62.5	78.0	77.9	76.4	73.5	102.4	102.1	100.2	96.9
Capacity	9,000	8,900	8,900	8,900	9,000	8,900	8,900	8,900	8,700	8,800	8,800	8,800

1091080

For sales us

Not for crane operations

Rated Lifting Capacities In Pounds


Full

35ft Offset Fly

32,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	99.5				125.5				152.4			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
25	21,100											
30	20,300				17,300							
35	19,400	15,500			17,300							
40	18,500	14,800	12,400		17,300	15,000			13,800			
45	17,600	14,200	12,000	10,500	17,300	14,500			13,800			
50	16,900	13,700	11,600	10,300	17,000	14,100	11,900		13,800	14,000		
55	16,100	13,200	11,300	10,100	16,500	13,700	11,600	10,300	13,800	13,700	11,800	
60	15,400	12,700	11,000	9,900	16,000	13,300	11,400	10,100	13,800	13,400	11,600	
65	14,700	12,300	10,700	9,800	15,500	12,900	11,100	10,000	13,800	13,100	11,400	10,200
70	14,100	11,900	10,500	9,500	15,100	12,600	10,900	9,900	13,800	12,900	11,200	10,000
75	13,500	11,500	10,200	9,300	14,600	12,200	10,700	9,700	13,800	12,600	11,000	9,900
80	12,900	11,100	10,000	9,200	14,000	11,900	10,500	9,500	12,700	12,300	10,800	9,800
85	12,400	10,800	9,700	9,000	12,500	11,600	10,300	9,300	11,200	12,000	10,600	9,600
90	11,900	10,500	9,500	8,900	11,200	11,300	10,100	9,200	9,900	10,700	10,500	9,500
95	11,100	10,200	9,200	8,800	10,100	10,700	9,800	9,100	8,800	9,500	10,100	9,300
100	10,100	9,900	9,100	8,800	9,100	9,600	9,600	9,000	7,800	8,400	9,000	9,200
105	9,100	9,500	8,900		8,200	8,600	9,000	8,900	6,900	7,500	8,000	8,300
110	8,300	8,600	8,800		7,400	7,800	8,100	8,300	6,100	6,600	7,100	7,400
115	7,600	7,800	7,900		6,600	7,000	7,300	7,400	5,300	5,900	6,300	6,500
120	6,900	7,100			6,000	6,300	6,600	6,700	4,700	5,200	5,500	5,800
125	6,300	6,400			5,400	5,700	5,900		4,100	4,500	4,800	5,000
130					4,800	5,100	5,200		3,500	3,900	4,200	4,400
135					4,300	4,500	4,600		3,000	3,400	3,600	3,800
140					3,800	4,000	4,100		2,600	2,900	3,100	3,200
145					3,400	3,500			2,100	2,400	2,600	
150					3,000	3,100			1,700	2,000	2,200	
155									1,300	1,600	1,700	
160									1,000	1,200	1,300	

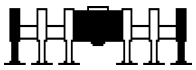
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.5	30.0	30.5	29.5
Max Rad.	127.5	127.2	125.1	121.4	153.6	153.1	151.0	147.1	161.9	164.4	165.0	164.5
Capacity	5,200	5,200	5,400	5,600	2,100	2,100	2,100	2,200	0	0	0	0

1091080

For sale/use only

Not for crane operations

Rated Lifting Capacities In Pounds


Full

35ft Offset Fly

32,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	38.3				50.0				62.1			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
10	28,700											
12	26,800				27,600							
15	24,400				25,500				26,000			
20	21,100	16,900			22,600	17,400			23,500			
25	18,600	15,300	13,000		20,200	16,000			21,400	16,600		
30	16,700	14,000	12,100	10,800	18,200	14,800	12,500		19,500	15,500	12,800	
35	15,000	12,900	11,400	10,300	16,700	13,800	11,800	10,500	17,900	14,500	12,200	10,700
40	13,600	12,000	10,800	9,900	15,300	12,900	11,300	10,200	16,700	13,600	11,700	10,400
45	12,500	11,200	10,200	9,600	14,100	12,100	10,700	9,900	15,500	12,900	11,200	10,100
50	11,500	10,500	9,700	9,200	13,000	11,400	10,300	9,600	14,400	12,200	10,700	9,800
55	10,700	9,900	9,300	8,900	12,100	10,800	9,900	9,300	13,500	11,600	10,400	9,600
60	9,900	9,300	8,900		11,400	10,300	9,500	9,000	12,600	11,100	10,000	9,300
65	9,200	8,900			10,700	9,800	9,100	8,900	11,900	10,600	9,700	9,100
70					10,000	9,300	8,900		11,200	10,200	9,300	8,900
75					9,300	8,900			10,700	9,700	9,100	
80									10,100	9,300	8,900	
85									9,500	9,000		
90									9,000			

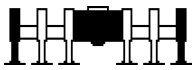
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	66.4	66.3	65.0	62.5	78.0	77.9	76.4	73.5	90.2	90.0	88.3	85.1
Capacity	9,000	8,900	8,900	8,900	9,000	8,900	8,900	8,900	9,000	9,000	8,800	8,900

1091090

For sales use only

Not for crane operations

Rated Lifting Capacities In Pounds


Full

35ft Offset Fly

32,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	87.3				113.4				140.3			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
20	23,700											
25	22,300				20,900							
30	20,900	16,300			20,800							
35	19,700	15,500	12,700		19,900	15,800			17,300			
40	18,500	14,700	12,200		19,100	15,200			17,300			
45	17,400	14,000	11,800	10,400	18,300	14,700	12,200		17,300	14,800		
50	16,600	13,400	11,400	10,200	17,600	14,100	11,900	10,400	17,300	14,400	12,100	
55	15,600	12,800	11,100	10,000	16,900	13,600	11,600	10,200	17,000	14,000	11,900	
60	14,800	12,300	10,700	9,800	16,200	13,200	11,300	10,000	16,600	13,600	11,600	10,200
65	14,100	11,900	10,500	9,600	15,600	12,800	11,000	9,900	16,100	13,300	11,400	10,100
70	13,400	11,400	10,200	9,400	15,000	12,400	10,700	9,800	15,700	13,000	11,100	10,000
75	12,800	11,000	9,900	9,200	14,400	12,000	10,500	9,600	14,100	12,600	10,900	9,900
80	12,200	10,700	9,600	9,000	13,800	11,600	10,300	9,400	12,400	12,300	10,700	9,700
85	11,600	10,400	9,400	8,900	12,400	11,300	10,100	9,200	11,000	11,800	10,500	9,500
90	11,200	10,000	9,200	8,800	11,100	11,000	9,800	9,100	9,700	10,500	10,400	9,400
95	10,700	9,600	9,000		10,000	10,500	9,600	9,000	8,600	9,300	9,900	9,200
100	10,000	9,300	8,800		8,900	9,400	9,400	8,900	7,600	8,200	8,700	9,100
105	9,100	9,100	8,800		8,000	8,500	8,800	8,800	6,700	7,300	7,700	8,100
110	8,300	8,400			7,200	7,600	7,900	8,000	5,900	6,400	6,800	7,100
115	7,600				6,500	6,800	7,100		5,100	5,600	6,000	6,300
120					5,800	6,100	6,300		4,500	4,900	5,300	5,500
125					5,200	5,500	5,600		3,900	4,300	4,600	4,800
130					4,700	4,900	5,000		3,300	3,700	4,000	4,100
135					4,200	4,300			2,800	3,200	3,400	
140					3,700				2,400	2,700	2,800	
145									1,900	2,200	2,300	
150									1,500	1,800	1,900	
155									1,100	1,300		
160										900		

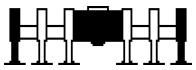
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.5	22.5	23.5	21.5
Max Rad.	115.4	115.1	113.1	109.6	141.4	141.0	138.9	135.1	159.2	160.6	160.0	158.8
Capacity	6,500	6,500	6,700	7,000	2,800	2,900	2,900	3,100	0	0	0	0

1091090

For sale use only

Not for crane operations

Rated Lifting Capacities In Pounds


Full

58ft Offset Fly

32,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	38.3				61.7				86.0			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
15	16,600											
20	14,700				14,300							
25	13,000				13,400				12,400			
30	11,600	9,600			12,500				11,900			
35	10,500	8,800			11,700	9,400			11,500			
40	9,500	8,200	7,200		10,900	8,800			11,000	9,100		
45	8,700	7,600	6,700		10,100	8,300			10,600	8,700		
50	8,100	7,100	6,300	5,700	9,400	7,900	6,700		10,100	8,300		
55	7,500	6,700	6,000	5,500	8,800	7,400	6,400		9,700	7,900	6,700	
60	6,900	6,300	5,700	5,200	8,300	7,100	6,100	5,500	9,200	7,600	6,400	
65	6,500	5,900	5,400	5,100	7,800	6,700	5,900	5,300	8,800	7,300	6,200	5,500
70	6,000	5,600	5,200	4,900	7,300	6,400	5,700	5,200	8,300	7,000	6,000	5,400
75	5,700	5,300	5,000	4,800	6,900	6,100	5,500	5,100	8,000	6,700	5,800	5,200
80	5,300	5,100	4,900	4,800	6,600	5,800	5,300	5,000	7,600	6,500	5,700	5,100
85	5,000	4,900	4,800		6,200	5,600	5,200	4,900	7,200	6,200	5,500	5,000
90					5,900	5,400	5,000	4,800	6,900	6,000	5,400	5,000
95					5,600	5,200	4,900	4,800	6,600	5,800	5,200	4,900
100					5,400	5,000	4,800		6,300	5,600	5,100	4,800
105					5,100	4,900	4,700		6,100	5,500	5,000	4,800
110					4,900	4,800			5,800	5,300	4,900	4,700
115									5,600	5,200	4,800	4,700
120									5,400	5,000	4,800	
125									5,200	4,900	4,700	
130									5,000	4,800		
135									4,900	4,700		

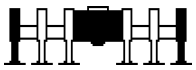
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	89.4	89.2	87.3	84.0	112.7	112.3	109.8	105.3	137.0	136.4	133.5	128.2
Capacity	4,800	4,900	4,800	4,800	4,800	4,800	4,700	4,800	4,800	4,700	4,700	4,700

1091100

For sales us

Not for crane operations

Rated Lifting Capacities In Pounds


Full

58ft Offset Fly

32,000 lbs

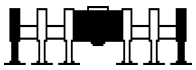
Radius (ft)	Boom Length (ft)											
	Fly Offset											
	111.2				137.2				164.1			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
30	10,100											
35	10,100											
40	10,100				8,600							
45	10,100				8,600							
50	10,000	8,500			8,600				7,500			
55	9,700	8,200			8,600	8,200			7,500			
60	9,500	7,900			8,600	8,000			7,500			
65	9,200	7,600	6,400		8,600	7,800			7,500	7,800		
70	8,900	7,400	6,300	5,500	8,600	7,600	6,400		7,500	7,600		
75	8,600	7,100	6,100	5,400	8,600	7,400	6,300		7,500	7,500		
80	8,300	6,900	5,900	5,300	8,600	7,200	6,100	5,400	7,500	7,300	6,300	
85	8,000	6,700	5,800	5,200	8,400	7,000	6,000	5,300	7,500	7,200	6,100	
90	7,700	6,500	5,700	5,100	8,200	6,800	5,900	5,200	7,500	7,000	6,000	5,300
95	7,400	6,300	5,500	5,000	7,900	6,700	5,700	5,100	7,500	6,900	5,900	5,200
100	7,200	6,100	5,400	5,000	7,700	6,500	5,600	5,100	7,500	6,700	5,800	5,200
105	6,900	5,900	5,300	4,900	7,500	6,300	5,500	5,000	7,500	6,600	5,700	5,100
110	6,700	5,800	5,200	4,900	7,300	6,200	5,400	5,000	6,900	6,500	5,600	5,100
115	6,400	5,600	5,100	4,800	7,100	6,000	5,300	4,900	6,200	6,300	5,500	5,000
120	6,200	5,500	5,000	4,800	6,700	5,900	5,200	4,900	5,500	6,200	5,400	5,000
125	6,000	5,400	4,900	4,700	6,100	5,800	5,200	4,800	4,900	5,600	5,400	4,900
130	5,800	5,200	4,800	4,700	5,600	5,600	5,100	4,800	4,300	5,000	5,300	4,900
135	5,600	5,100	4,800	4,700	5,000	5,500	5,000	4,700	3,800	4,500	5,000	4,800
140	5,500	5,000	4,700		4,600	5,000	4,900	4,700	3,300	4,000	4,500	4,800
145	5,100	4,900	4,700		4,100	4,500	4,900	4,700	2,900	3,500	3,900	4,300
150	4,700	4,800	4,700		3,700	4,100	4,400	4,500	2,500	3,000	3,500	3,700
155	4,300	4,500			3,300	3,700	3,900	4,000	2,100	2,600	3,000	3,200
160	4,000	4,000			3,000	3,300	3,500		1,800	2,200	2,600	2,800
165					2,600	2,900	3,100		1,400	1,900	2,200	2,300
170					2,300	2,600	2,700		1,100	1,500	1,800	1,900
175					2,100	2,200	2,300			1,200	1,400	1,500
180					1,800	1,900					1,100	
185					1,600	1,600						

Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40.0	41.5	41.0	41.0
Max Rad.	162.2	161.5	158.1	152.4	188.3	187.4	183.8	177.7	174.2	179.4	183.1	183.5
Capacity	3,300	3,300	3,400	3,700	900	900	900	1,000	0	0	0	0

1091100

Not for crane operations

Rated Lifting Capacities In Pounds


Full

58ft Offset Fly

32,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	38.3				50.0				74.3			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
15	16,600				16,300							
20	14,700				14,900							
25	13,000				13,600				13,500			
30	11,600	9,600			12,400	9,900			12,700			
35	10,500	8,800			11,300	9,200			12,000			
40	9,500	8,200	7,200		10,300	8,600			11,400	9,100		
45	8,700	7,600	6,700		9,500	8,000	6,900		10,700	8,600		
50	8,100	7,100	6,300	5,700	8,800	7,600	6,600		10,100	8,200	6,900	
55	7,500	6,700	6,000	5,500	8,200	7,100	6,200	5,600	9,500	7,800	6,600	
60	6,900	6,300	5,700	5,200	7,700	6,700	5,900	5,400	8,900	7,400	6,300	5,600
65	6,500	5,900	5,400	5,100	7,200	6,300	5,700	5,200	8,400	7,100	6,100	5,400
70	6,000	5,600	5,200	4,900	6,700	6,000	5,500	5,100	8,000	6,800	5,900	5,300
75	5,700	5,300	5,000	4,800	6,300	5,700	5,300	4,900	7,500	6,500	5,700	5,200
80	5,300	5,100	4,900	4,800	6,000	5,500	5,100	4,900	7,200	6,200	5,500	5,100
85	5,000	4,900	4,800		5,600	5,300	5,000	4,800	6,800	6,000	5,300	5,000
90					5,300	5,100	4,800		6,500	5,700	5,200	4,900
95					5,100	4,900	4,700		6,200	5,500	5,100	4,800
100					4,900	4,800			5,900	5,300	5,000	4,800
105									5,600	5,200	4,900	4,800
110									5,400	5,000	4,800	
115									5,200	4,900	4,700	
120									5,000	4,800		
125									4,800			

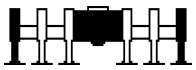
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	89.4	89.2	87.3	84.0	101.0	100.7	98.5	94.5	125.4	124.8	122.0	117.1
Capacity	4,800	4,900	4,800	4,800	4,800	4,800	4,700	4,800	4,800	4,800	4,700	4,800

1091110

For sales us

Not for crane operations

Rated Lifting Capacities In Pounds


Full

58ft Offset Fly

32,000 lbs

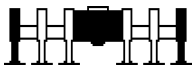
Radius (ft)	Boom Length (ft)											
	Fly Offset											
	99.5				125.5				152.4			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
30	12,300											
35	11,800				10,800							
40	11,400				10,800							
45	11,000	8,900			10,700				9,200			
50	10,600	8,600			10,500	8,700			9,200			
55	10,200	8,200	6,800		10,200	8,400			9,200			
60	9,800	7,900	6,600		9,900	8,200			9,200	8,300		
65	9,300	7,600	6,400	5,600	9,600	7,900	6,600		9,200	8,100		
70	8,900	7,300	6,200	5,400	9,400	7,700	6,400		9,200	7,900		
75	8,500	7,000	6,000	5,300	9,100	7,400	6,200	5,400	9,200	7,600	6,400	
80	8,100	6,800	5,800	5,200	8,800	7,200	6,100	5,300	9,000	7,500	6,300	5,400
85	7,800	6,500	5,700	5,100	8,500	7,000	5,900	5,300	8,800	7,300	6,100	5,400
90	7,500	6,300	5,500	5,000	8,200	6,800	5,800	5,200	8,600	7,100	6,000	5,300
95	7,100	6,100	5,400	5,000	7,900	6,600	5,700	5,100	8,400	6,900	5,900	5,200
100	6,900	5,900	5,300	4,900	7,600	6,400	5,600	5,000	8,200	6,700	5,800	5,100
105	6,600	5,700	5,200	4,900	7,400	6,200	5,400	5,000	7,500	6,600	5,700	5,100
110	6,300	5,600	5,100	4,800	7,100	6,100	5,300	4,900	6,700	6,400	5,600	5,000
115	6,100	5,400	5,000	4,800	6,900	5,900	5,200	4,900	6,000	6,300	5,500	5,000
120	5,900	5,300	4,900	4,700	6,600	5,700	5,200	4,800	5,300	6,100	5,400	4,900
125	5,700	5,200	4,800	4,700	6,000	5,600	5,100	4,800	4,700	5,400	5,300	4,900
130	5,500	5,000	4,800		5,400	5,500	5,000	4,700	4,100	4,800	5,200	4,800
135	5,300	4,900	4,700		4,900	5,400	4,900	4,700	3,600	4,300	4,800	4,800
140	5,100	4,800	4,700		4,400	4,800	4,800	4,700	3,100	3,700	4,200	4,600
145	5,000	4,700			4,000	4,400	4,600	4,700	2,700	3,300	3,700	4,000
150	4,600				3,600	3,900	4,100		2,300	2,800	3,200	3,500
155					3,200	3,500	3,700		1,900	2,400	2,800	3,000
160					2,800	3,100	3,200		1,600	2,000	2,300	2,500
165					2,500	2,700			1,200	1,600	1,900	2,000
170					2,200	2,400			900	1,300	1,500	
175					1,900					900	1,200	

Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	36.5	37.5	37.5	37.0
Max Rad.	150.5	149.8	146.7	141.1	176.6	175.7	172.3	166.3	170.6	175.8	179.4	178.5
Capacity	3,900	4,000	4,100	4,400	1,300	1,300	1,400	1,500	0	0	0	0

1091110

For SAMPLE
Not for crane operations

Rated Lifting Capacities In Pounds


Full

58ft Offset Fly

32,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	38.3				50.0				62.1			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
15	16,600				16,300							
20	14,700				14,900				14,800			
25	13,000				13,600				13,800			
30	11,600	9,600			12,400	9,900			12,800			
35	10,500	8,800			11,300	9,200			11,900	9,500		
40	9,500	8,200	7,200		10,300	8,600			11,000	8,900		
45	8,700	7,600	6,700		9,500	8,000	6,900		10,200	8,400	7,100	
50	8,100	7,100	6,300	5,700	8,800	7,600	6,600		9,500	7,900	6,700	
55	7,500	6,700	6,000	5,500	8,200	7,100	6,200	5,600	8,900	7,500	6,400	5,700
60	6,900	6,300	5,700	5,200	7,700	6,700	5,900	5,400	8,400	7,100	6,200	5,500
65	6,500	5,900	5,400	5,100	7,200	6,300	5,700	5,200	7,900	6,700	5,900	5,300
70	6,000	5,600	5,200	4,900	6,700	6,000	5,500	5,100	7,400	6,400	5,700	5,200
75	5,700	5,300	5,000	4,800	6,300	5,700	5,300	4,900	7,000	6,100	5,500	5,100
80	5,300	5,100	4,900	4,800	6,000	5,500	5,100	4,900	6,600	5,900	5,300	5,000
85	5,000	4,900	4,800		5,600	5,300	5,000	4,800	6,200	5,600	5,200	4,900
90					5,300	5,100	4,800		5,900	5,400	5,000	4,800
95					5,100	4,900	4,700		5,600	5,200	4,900	4,800
100					4,900	4,800			5,400	5,100	4,800	
105									5,100	4,900	4,700	
110									4,900	4,800		

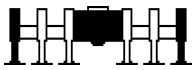
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	89.4	89.2	87.3	84.0	101.0	100.7	98.5	94.5	113.2	112.7	110.2	105.7
Capacity	4,800	4,900	4,800	4,800	4,800	4,800	4,700	4,800	4,800	4,800	4,700	4,800

1091120

For sales us

Not for crane operations

Rated Lifting Capacities In Pounds


Full

58ft Offset Fly

32,000 lbs

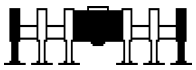
Radius (ft)	Boom Length (ft)											
	Fly Offset											
	87.3				113.4				140.3			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
25	13,600											
30	12,900				12,500							
35	12,300				12,100							
40	11,700	9,400			11,700				11,000			
45	11,200	8,900			11,300	9,200			11,000			
50	10,600	8,500			10,900	8,800			10,800			
55	10,100	8,100	6,700		10,500	8,500			10,500	8,700		
60	9,500	7,700	6,500		10,200	8,100	6,700		10,300	8,400		
65	9,000	7,400	6,300	5,500	9,800	7,900	6,500		10,000	8,100		
70	8,600	7,100	6,100	5,400	9,400	7,600	6,300	5,500	9,700	7,900	6,500	
75	8,100	6,800	5,900	5,200	9,000	7,300	6,200	5,400	9,500	7,700	6,400	
80	7,700	6,500	5,700	5,100	8,600	7,100	6,000	5,300	9,200	7,400	6,200	5,400
85	7,400	6,300	5,500	5,000	8,300	6,800	5,800	5,200	8,900	7,200	6,100	5,300
90	7,000	6,100	5,400	5,000	8,000	6,600	5,700	5,100	8,600	7,000	5,900	5,200
95	6,700	5,900	5,300	4,900	7,600	6,400	5,600	5,000	8,400	6,800	5,800	5,200
100	6,400	5,700	5,100	4,800	7,300	6,200	5,400	5,000	8,100	6,700	5,700	5,100
105	6,200	5,500	5,000	4,800	7,100	6,000	5,300	4,900	7,400	6,500	5,600	5,000
110	5,900	5,300	4,900	4,800	6,800	5,900	5,200	4,900	6,600	6,300	5,500	5,000
115	5,700	5,200	4,900	4,700	6,600	5,700	5,100	4,800	5,900	6,100	5,400	4,900
120	5,500	5,100	4,800		6,300	5,600	5,100	4,800	5,200	6,000	5,300	4,900
125	5,300	4,900	4,700		5,900	5,400	5,000	4,700	4,600	5,300	5,200	4,800
130	5,100	4,800			5,400	5,300	4,900	4,700	4,000	4,700	5,100	4,800
135	4,900	4,700			4,900	5,200	4,800	4,700	3,500	4,100	4,600	4,800
140					4,400	4,800	4,800		3,000	3,600	4,100	4,400
145					3,900	4,300	4,500		2,600	3,100	3,500	3,800
150					3,500	3,800	4,000		2,200	2,700	3,000	3,200
155					3,200	3,400			1,800	2,300	2,600	2,700
160					2,800	3,000			1,500	1,900	2,100	
165									1,100	1,500	1,700	
170										1,100	1,300	

Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	31.0	32.0	32.0	31.5
Max Rad.	138.4	137.7	134.8	129.5	164.4	163.6	160.3	154.5	169.2	173.1	175.0	173.8
Capacity	4,800	4,700	4,700	4,700	1,900	2,000	2,100	2,200	0	0	0	0

1091120

For Sale
Not for crane operations

Rated Lifting Capacities In Pounds


Full

74ft Offset Fly

32,000 lbs

Radius (ft)	Boom Length (ft) / Fly Offset 38.3 0°	38.3 15°	38.3 30°	38.3 45°	61.7 0°	61.7 15°	61.7 30°	61.7 45°	86.0 0°	86.0 15°	86.0 30°	86.0 45°
20	9,600											
25	8,700				8,900							
30	7,900	7,100			8,300				8,200			
35	7,200	6,500			7,800				7,800			
40	6,600	6,000			7,200	6,300			7,500			
45	6,100	5,500	5,200		6,800	5,900			7,100	6,100		
50	5,600	5,200	4,800		6,300	5,600	5,100		6,800	5,900		
55	5,200	4,800	4,500	4,300	6,000	5,300	4,800		6,400	5,600		
60	4,900	4,500	4,200	4,100	5,600	5,000	4,600	4,300	6,100	5,300	4,800	
65	4,500	4,200	4,000	3,800	5,300	4,700	4,300	4,100	5,800	5,100	4,600	
70	4,200	4,000	3,800	3,600	5,000	4,500	4,100	3,900	5,500	4,900	4,400	4,100
75	4,000	3,700	3,600	3,500	4,700	4,300	3,900	3,700	5,300	4,700	4,200	3,900
80	3,800	3,500	3,400	3,300	4,500	4,100	3,800	3,600	5,000	4,500	4,100	3,800
85	3,500	3,400	3,200	3,200	4,200	3,900	3,600	3,500	4,800	4,300	3,900	3,700
90	3,400	3,200	3,100	3,100	4,000	3,700	3,500	3,300	4,600	4,100	3,800	3,600
95	3,200	3,100	3,000		3,800	3,500	3,300	3,200	4,400	3,900	3,600	3,400
100	3,100	3,000			3,600	3,400	3,200	3,100	4,200	3,800	3,500	3,300
105	3,000				3,500	3,300	3,100	3,100	4,000	3,700	3,400	3,300
110					3,300	3,100	3,000	3,000	3,900	3,500	3,300	3,200
115					3,200	3,000	3,000		3,700	3,400	3,200	3,100
120					3,100	3,000	2,900		3,600	3,300	3,100	3,100
125					3,000	2,900			3,500	3,200	3,000	3,000
130									3,300	3,100	3,000	
135									3,200	3,000	2,900	
140									3,100	3,000	2,900	
145									3,000	2,900		
150									3,000	2,900		

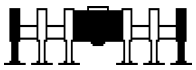
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	105.4	105.0	102.7	98.5	128.7	128.2	125.3	120.3	153.0	152.3	149.1	143.5
Capacity	3,000	3,000	2,900	3,000	3,000	2,900	2,900	3,000	3,000	2,900	2,900	3,000

1091130

For sales us

Not for crane operations

Rated Lifting Capacities In Pounds


Full

74ft Offset Fly

32,000 lbs

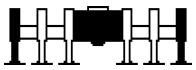
Radius (ft)	Boom Length (ft)											
	Fly Offset											
	111.2				137.2				164.1			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
35	7,000											
40	7,000				6,000							
45	7,000				6,000							
50	6,900				6,000				5,300			
55	6,700	5,700			6,000				5,300			
60	6,400	5,500			6,000	5,600			5,300			
65	6,200	5,300	4,700		6,000	5,400			5,300			
70	5,900	5,100	4,600		6,000	5,300			5,300	5,300		
75	5,700	4,900	4,400	4,000	5,900	5,100	4,500		5,300	5,200		
80	5,500	4,800	4,300	3,900	5,800	5,000	4,400	4,000	5,300	5,100		
85	5,300	4,600	4,100	3,800	5,600	4,800	4,300	3,900	5,300	5,000	4,400	
90	5,100	4,400	4,000	3,700	5,400	4,700	4,200	3,800	5,300	4,800	4,300	3,900
95	4,900	4,300	3,900	3,600	5,200	4,500	4,000	3,700	5,300	4,700	4,200	3,800
100	4,700	4,100	3,800	3,500	5,100	4,400	3,900	3,600	5,300	4,600	4,100	3,800
105	4,500	4,000	3,600	3,400	4,900	4,300	3,800	3,600	5,200	4,500	4,000	3,700
110	4,400	3,900	3,500	3,400	4,800	4,100	3,700	3,500	5,100	4,400	3,900	3,600
115	4,200	3,700	3,400	3,300	4,600	4,000	3,600	3,400	4,900	4,200	3,800	3,500
120	4,100	3,600	3,400	3,200	4,500	3,900	3,600	3,300	4,800	4,100	3,700	3,500
125	3,900	3,500	3,300	3,100	4,300	3,800	3,500	3,300	4,700	4,000	3,600	3,400
130	3,800	3,400	3,200	3,100	4,200	3,700	3,400	3,200	4,200	4,000	3,600	3,300
135	3,700	3,300	3,100	3,000	4,100	3,600	3,300	3,200	3,700	3,900	3,500	3,300
140	3,600	3,200	3,100	3,000	4,000	3,500	3,200	3,100	3,200	3,800	3,400	3,200
145	3,400	3,200	3,000	3,000	3,800	3,400	3,200	3,100	2,800	3,400	3,400	3,200
150	3,300	3,100	3,000		3,600	3,400	3,100	3,000	2,300	2,900	3,300	3,100
155	3,200	3,000	2,900		3,200	3,300	3,100	3,000	2,000	2,500	3,000	3,100
160	3,200	3,000	2,900		2,800	3,200	3,000	3,000	1,600	2,100	2,500	2,800
165	3,100	2,900	2,900		2,500	2,800	3,000	2,900	1,300	1,800	2,100	2,400
170	3,000	2,900			2,200	2,500	2,700	2,800	900	1,400	1,800	2,000
175	2,900	2,900			1,900	2,200	2,300			1,100	1,400	1,600
180					1,600	1,900	2,000				1,000	1,200
185					1,400	1,600	1,700					
190					1,100	1,300	1,400					
195					900	1,000						

Min Angle	0.0	0.0	0.0	0.0	21.0	22.0	25.0	21.0	47.0	48.0	48.0	48.0
Max Rad.	178.2	177.4	173.9	167.9	195.8	197.5	195.0	189.0	170.8	178.1	182.5	184.4
Capacity	2,100	2,200	2,200	2,400	0	0	0	0	0	0	0	0

1091130

Not for crane operations

Rated Lifting Capacities In Pounds


Full

74ft Offset Fly

32,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	38.3				50.0				74.3			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
20	9,600				9,800							
25	8,700				8,900				9,100			
30	7,900	7,100			8,200				8,500			
35	7,200	6,500			7,600	6,700			8,000			
40	6,600	6,000			7,000	6,200			7,500	6,500		
45	6,100	5,500	5,200		6,500	5,800			7,100	6,100		
50	5,600	5,200	4,800		6,000	5,400	5,000		6,700	5,800		
55	5,200	4,800	4,500	4,300	5,600	5,100	4,700		6,300	5,500	4,900	
60	4,900	4,500	4,200	4,100	5,300	4,800	4,400	4,200	6,000	5,200	4,700	
65	4,500	4,200	4,000	3,800	4,900	4,500	4,200	4,000	5,600	5,000	4,500	4,200
70	4,200	4,000	3,800	3,600	4,600	4,200	4,000	3,800	5,300	4,700	4,300	4,000
75	4,000	3,700	3,600	3,500	4,400	4,000	3,800	3,600	5,100	4,500	4,100	3,800
80	3,800	3,500	3,400	3,300	4,100	3,800	3,600	3,500	4,800	4,300	3,900	3,700
85	3,500	3,400	3,200	3,200	3,900	3,600	3,400	3,300	4,600	4,100	3,800	3,600
90	3,400	3,200	3,100	3,100	3,700	3,500	3,300	3,200	4,400	3,900	3,600	3,500
95	3,200	3,100	3,000		3,500	3,300	3,200	3,100	4,100	3,800	3,500	3,400
100	3,100	3,000			3,400	3,200	3,100	3,000	4,000	3,600	3,400	3,300
105	3,000				3,200	3,100	3,000		3,800	3,500	3,300	3,200
110					3,100	3,000	2,900		3,600	3,400	3,200	3,100
115					3,000	2,900			3,500	3,200	3,100	3,000
120									3,400	3,100	3,000	
125									3,200	3,000	3,000	
130									3,100	3,000	2,900	
135									3,000	2,900		
140									3,000	2,900		

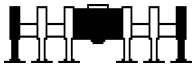
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	105.4	105.0	102.7	98.5	117.0	116.6	114.0	109.3	141.4	140.7	137.7	132.3
Capacity	3,000	3,000	2,900	3,000	3,000	2,900	2,900	3,000	3,000	2,900	2,900	3,000

1091140

For sales us

Not for crane operations

Rated Lifting Capacities In Pounds


Full

74ft Offset Fly

32,000 lbs

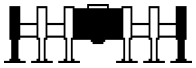
Radius (ft)	Boom Length (ft)											
	Fly Offset											
	99.5				125.5				152.4			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
30	8,500											
35	8,100											
40	7,800				7,500							
45	7,400				7,500							
50	7,100	6,000			7,200				6,500			
55	6,800	5,800			7,000	5,900			6,500			
60	6,400	5,500	4,900		6,700	5,700			6,500			
65	6,200	5,300	4,700		6,500	5,500			6,500	5,600		
70	5,900	5,100	4,500	4,100	6,300	5,300	4,700		6,400	5,500		
75	5,600	4,900	4,400	4,000	6,000	5,100	4,500	4,100	6,200	5,300	4,700	
80	5,400	4,700	4,200	3,900	5,800	5,000	4,400	4,000	6,100	5,200	4,500	
85	5,100	4,500	4,000	3,800	5,600	4,800	4,300	3,900	5,900	5,000	4,400	4,000
90	4,900	4,300	3,900	3,700	5,400	4,600	4,100	3,800	5,700	4,900	4,300	3,900
95	4,700	4,200	3,800	3,600	5,200	4,500	4,000	3,700	5,500	4,700	4,200	3,800
100	4,500	4,000	3,700	3,500	5,000	4,300	3,900	3,600	5,400	4,600	4,100	3,700
105	4,300	3,900	3,600	3,400	4,800	4,200	3,800	3,500	5,200	4,500	4,000	3,600
110	4,200	3,700	3,400	3,300	4,700	4,100	3,700	3,400	5,000	4,300	3,900	3,600
115	4,000	3,600	3,400	3,200	4,500	3,900	3,600	3,400	4,900	4,200	3,800	3,500
120	3,900	3,500	3,300	3,100	4,300	3,800	3,500	3,300	4,700	4,100	3,700	3,400
125	3,700	3,400	3,200	3,100	4,200	3,700	3,400	3,200	4,600	4,000	3,600	3,400
130	3,600	3,300	3,100	3,000	4,100	3,600	3,300	3,200	4,000	3,900	3,500	3,300
135	3,500	3,200	3,000	3,000	3,900	3,500	3,200	3,100	3,500	3,800	3,400	3,200
140	3,400	3,100	3,000		3,800	3,400	3,200	3,100	3,000	3,700	3,400	3,200
145	3,300	3,000	2,900		3,700	3,300	3,100	3,000	2,600	3,200	3,300	3,100
150	3,200	3,000	2,900		3,500	3,200	3,100	3,000	2,200	2,800	3,200	3,100
155	3,100	2,900	2,900		3,100	3,200	3,000	3,000	1,800	2,300	2,800	3,000
160	3,000	2,900			2,700	3,100	3,000	3,000	1,500	2,000	2,300	2,600
165	3,000	2,900			2,400	2,700	2,900		1,100	1,600	1,900	2,100
170					2,100	2,400	2,500			1,200	1,600	1,700
175					1,800	2,000	2,100			900	1,200	1,300
180					1,500	1,700						900
185					1,300	1,400						

Min Angle	0.0	0.0	0.0	0.0	13.5	16.0	23.0	17.5	44.0	44.5	45.0	45.0
Max Rad.	166.5	165.7	162.4	156.5	190.0	190.0	185.0	177.3	168.1	175.6	179.4	180.6
Capacity	2,700	2,700	2,900	3,000	0	0	0	0	0	0	0	0

1091140

Not for crane operations

Rated Lifting Capacities In Pounds


Full

74ft Offset Fly

32,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	38.3				50.0				62.1			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
20	9,600				9,800							
25	8,700				8,900				9,100			
30	7,900				8,200				8,500			
35	7,200	6,500			7,600	6,700			7,900			
40	6,600	6,000			7,000	6,200			7,300	6,400		
45	6,100	5,500	5,200		6,500	5,800			6,900	6,000		
50	5,600	5,200	4,800		6,000	5,400	5,000		6,400	5,600	5,100	
55	5,200	4,800	4,500	4,300	5,600	5,100	4,700		6,000	5,300	4,800	
60	4,900	4,500	4,200	4,100	5,300	4,800	4,400	4,200	5,600	5,000	4,600	4,300
65	4,500	4,200	4,000	3,800	4,900	4,500	4,200	4,000	5,300	4,800	4,400	4,100
70	4,200	4,000	3,800	3,600	4,600	4,200	4,000	3,800	5,000	4,500	4,200	3,900
75	4,000	3,700	3,600	3,500	4,400	4,000	3,800	3,600	4,700	4,300	4,000	3,700
80	3,800	3,500	3,400	3,300	4,100	3,800	3,600	3,500	4,500	4,100	3,800	3,600
85	3,500	3,400	3,200	3,200	3,900	3,600	3,400	3,300	4,200	3,900	3,600	3,500
90	3,400	3,200	3,100	3,100	3,700	3,500	3,300	3,200	4,000	3,700	3,500	3,300
95	3,200	3,100	3,000		3,500	3,300	3,200	3,100	3,800	3,600	3,400	3,200
100	3,100	3,000			3,400	3,200	3,100	3,000	3,700	3,400	3,200	3,200
105	3,000				3,200	3,100	3,000		3,500	3,300	3,100	3,100
110					3,100	3,000	2,900		3,400	3,200	3,000	
115					3,000	2,900			3,200	3,000	3,000	
120									3,100	3,000	2,900	
125									3,000	2,900		

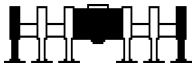
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	105.4	105.0	102.7	98.5	117.0	116.6	114.0	109.3	129.2	128.6	125.8	120.8
Capacity	3,000	3,000	2,900	3,000	3,000	2,900	2,900	3,000	3,000	2,900	2,900	3,000

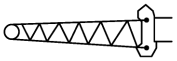
1091150

For sales us

Not for crane operations

Rated Lifting Capacities In Pounds


Full


74ft Offset Fly

32,000 lbs

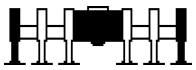
Radius (ft)	Boom Length (ft)											
	Fly Offset											
	87.3				113.4				140.3			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
30	8,700											
35	8,300				8,400							
40	7,800				8,000							
45	7,400	6,300			7,700				7,700			
50	7,000	6,000			7,400	6,200			7,500			
55	6,600	5,700	5,100		7,000	5,900			7,200			
60	6,300	5,400	4,800		6,700	5,700			7,000	5,900		
65	6,000	5,200	4,600	4,200	6,500	5,500	4,800		6,700	5,700		
70	5,700	4,900	4,400	4,100	6,200	5,300	4,600		6,500	5,500		
75	5,400	4,700	4,300	3,900	5,900	5,100	4,500	4,100	6,300	5,300	4,600	
80	5,100	4,500	4,100	3,800	5,700	4,900	4,300	4,000	6,100	5,100	4,500	4,100
85	4,900	4,300	3,900	3,700	5,400	4,700	4,200	3,900	5,900	5,000	4,400	4,000
90	4,700	4,200	3,800	3,600	5,200	4,500	4,000	3,700	5,700	4,800	4,200	3,900
95	4,500	4,000	3,700	3,500	5,000	4,400	3,900	3,600	5,500	4,700	4,100	3,800
100	4,300	3,800	3,500	3,400	4,800	4,200	3,800	3,500	5,300	4,500	4,000	3,700
105	4,100	3,700	3,400	3,300	4,600	4,100	3,700	3,500	5,100	4,400	3,900	3,600
110	3,900	3,600	3,300	3,200	4,500	3,900	3,600	3,400	4,900	4,200	3,800	3,500
115	3,800	3,400	3,200	3,100	4,300	3,800	3,500	3,300	4,800	4,100	3,700	3,400
120	3,600	3,300	3,100	3,100	4,100	3,700	3,400	3,200	4,600	4,000	3,600	3,400
125	3,500	3,200	3,100	3,000	4,000	3,600	3,300	3,200	4,500	3,900	3,500	3,300
130	3,400	3,100	3,000		3,900	3,500	3,200	3,100	4,000	3,800	3,400	3,300
135	3,300	3,000	2,900		3,700	3,400	3,200	3,100	3,500	3,700	3,400	3,200
140	3,200	3,000	2,900		3,600	3,300	3,100	3,000	3,000	3,600	3,300	3,100
145	3,100	2,900			3,500	3,200	3,000	3,000	2,600	3,100	3,200	3,100
150	3,000	2,900			3,400	3,100	3,000	3,000	2,100	2,700	3,100	3,100
155					3,100	3,100	2,900		1,800	2,300	2,700	2,900
160					2,800	3,000	2,900		1,400	1,900	2,200	2,400
165					2,400	2,700	2,800		1,000	1,500	1,800	2,000
170					2,100	2,300				1,100	1,400	1,500
175					1,800	2,000					1,000	
180					1,600							

Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	39.5	40.0	41.0	40.0
Max Rad.	154.4	153.6	150.4	144.8	180.4	179.6	176.1	170.0	167.5	174.2	176.9	177.5
Capacity	3,000	2,900	2,900	3,000	900	900	1,000	1,100	0	0	0	0

1091150

Not for crane operations

Rated Lifting Capacities In Pounds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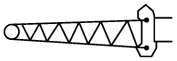

90ft Offset Fly

32,000 lbs

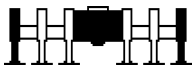
Radius (ft)	Boom Length (ft)											
	Fly Offset											
	38.3				61.7				86.0			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
20	8,300											
25	7,500											
30	6,800				6,900							
35	6,100	5,800			6,500				6,300			
40	5,600	5,300			6,000				6,100			
45	5,100	4,900			5,600	5,100			5,800			
50	4,700	4,500	4,300		5,200	4,800			5,500	5,000		
55	4,300	4,100	4,000		4,900	4,500	4,200		5,200	4,700		
60	4,000	3,800	3,700	3,600	4,600	4,200	4,000		4,900	4,500		
65	3,700	3,500	3,400	3,400	4,300	4,000	3,700	3,600	4,700	4,200	3,900	
70	3,400	3,300	3,200	3,200	4,000	3,700	3,500	3,400	4,400	4,000	3,800	3,600
75	3,200	3,100	3,000	3,000	3,800	3,500	3,300	3,200	4,200	3,800	3,600	3,400
80	2,900	2,800	2,800	2,800	3,500	3,300	3,100	3,000	4,000	3,600	3,400	3,200
85	2,700	2,700	2,600	2,600	3,300	3,100	3,000	2,900	3,800	3,500	3,200	3,100
90	2,600	2,500	2,400	2,400	3,100	2,900	2,800	2,700	3,600	3,300	3,100	3,000
95	2,400	2,300	2,300	2,300	2,900	2,800	2,700	2,600	3,400	3,100	2,900	2,800
100	2,200	2,200	2,200	2,200	2,800	2,600	2,500	2,500	3,200	3,000	2,800	2,700
105	2,100	2,100	2,000		2,600	2,500	2,400	2,400	3,100	2,800	2,700	2,600
110	2,000	1,900	1,900		2,500	2,300	2,300	2,200	2,900	2,700	2,600	2,500
115	1,900	1,800			2,300	2,200	2,200	2,200	2,800	2,600	2,500	2,400
120	1,800	1,800			2,200	2,100	2,100	2,100	2,600	2,500	2,400	2,300
125					2,100	2,000	2,000		2,500	2,400	2,300	2,200
130					2,000	1,900	1,900		2,400	2,300	2,200	2,100
135					1,900	1,800	1,800		2,300	2,200	2,100	2,100
140					1,800	1,800			2,200	2,100	2,000	2,000
145									2,100	2,000	1,900	
150									2,000	1,900	1,900	
155									1,900	1,900	1,800	
160									1,900	1,800		
165									1,800	1,800		

Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	121.4	120.8	118.2	113.4	144.7	144.1	141.0	135.6	169.0	168.3	164.9	159.0
Capacity	1,700	1,800	1,800	2,000	1,700	1,800	1,800	1,900	1,700	1,800	1,800	1,900

1091160

Not for crane operations

Rated Lifting Capacities In Pounds


Full

90ft Offset Fly

32,000 lbs

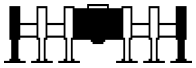
Radius (ft)	Boom Length (ft)											
	Fly Offset											
	111.2				137.2				164.1			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
40	5,200											
45	5,200				4,500							
50	5,200				4,500							
55	5,200	4,800			4,500							
60	5,100	4,600			4,500				4,000			
65	4,900	4,400			4,500	4,500			4,000			
70	4,700	4,200	3,900		4,500	4,300			4,000			
75	4,500	4,100	3,700		4,500	4,200			4,000			
80	4,300	3,900	3,600	3,400	4,500	4,100	3,700		4,000	4,100		
85	4,200	3,700	3,400	3,300	4,400	3,900	3,600		4,000	4,000		
90	4,000	3,600	3,300	3,100	4,200	3,800	3,500	3,300	4,000	3,900		
95	3,800	3,400	3,200	3,000	4,100	3,600	3,400	3,200	4,000	3,800	3,500	
100	3,600	3,300	3,000	2,900	3,900	3,500	3,200	3,100	4,000	3,700	3,400	3,200
105	3,500	3,200	2,900	2,800	3,800	3,400	3,100	3,000	4,000	3,600	3,300	3,100
110	3,300	3,000	2,800	2,700	3,700	3,300	3,000	2,900	3,900	3,500	3,200	3,000
115	3,200	2,900	2,700	2,600	3,500	3,200	2,900	2,800	3,800	3,400	3,100	2,900
120	3,000	2,800	2,600	2,500	3,400	3,000	2,800	2,700	3,700	3,300	3,000	2,800
125	2,900	2,700	2,500	2,400	3,300	2,900	2,700	2,600	3,600	3,200	2,900	2,700
130	2,800	2,600	2,400	2,400	3,200	2,800	2,600	2,500	3,400	3,100	2,800	2,700
135	2,700	2,500	2,300	2,300	3,000	2,700	2,600	2,500	3,300	3,000	2,700	2,600
140	2,600	2,400	2,300	2,200	2,900	2,600	2,500	2,400	3,200	2,900	2,700	2,500
145	2,500	2,300	2,200	2,100	2,800	2,600	2,400	2,300	2,700	2,800	2,600	2,500
150	2,400	2,200	2,100	2,100	2,700	2,500	2,300	2,300	2,300	2,700	2,500	2,400
155	2,300	2,100	2,000	2,000	2,600	2,400	2,200	2,200	1,900	2,500	2,400	2,300
160	2,200	2,000	2,000	2,000	2,500	2,300	2,200	2,100	1,600	2,100	2,400	2,300
165	2,100	2,000	1,900		2,400	2,200	2,100	2,100	1,200	1,800	2,200	2,200
170	2,000	1,900	1,900		2,100	2,200	2,100	2,000	900	1,400	1,800	2,100
175	2,000	1,900	1,800		1,800	2,100	2,000	2,000		1,100	1,500	1,700
180	1,900	1,800	1,800		1,600	1,900	2,000	2,000			1,100	1,300
185	1,800	1,800			1,300	1,600	1,800					900
190	1,800	1,800			1,000	1,300	1,500					
195						1,000	1,200					

Min Angle	0.0	0.0	0.0	0.0	33.5	35.0	35.0	34.5	52.0	52.5	53.0	53.0
Max Rad.	194.2	193.3	189.7	183.5	193.8	197.5	199.4	198.1	170.6	178.1	183.1	185.8
Capacity	1,300	1,300	1,300	1,400	0	0	0	0	0	0	0	0

1091160

Not for crane operations

Rated Lifting Capacities In Pounds


Full

90ft Offset Fly

32,000 lbs

Radius (ft)	Boom Length (ft) / Fly Offset											
	38.3				50.0				74.3			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
20	8,300											
25	7,500				7,600							
30	6,800				6,900				7,000			
35	6,100	5,800			6,400				6,600			
40	5,600	5,300			5,900	5,400			6,200			
45	5,100	4,900			5,400	5,000			5,800	5,300		
50	4,700	4,500	4,300		5,000	4,700	4,400		5,500	5,000		
55	4,300	4,100	4,000		4,700	4,300	4,100		5,200	4,700		
60	4,000	3,800	3,700	3,600	4,300	4,000	3,900	3,700	4,800	4,400	4,100	
65	3,700	3,500	3,400	3,400	4,000	3,800	3,600	3,500	4,600	4,200	3,900	
70	3,400	3,300	3,200	3,200	3,700	3,500	3,400	3,300	4,300	3,900	3,700	3,500
75	3,200	3,100	3,000	3,000	3,500	3,300	3,200	3,100	4,000	3,700	3,500	3,300
80	2,900	2,800	2,800	2,800	3,200	3,100	3,000	2,900	3,800	3,500	3,300	3,200
85	2,700	2,700	2,600	2,600	3,000	2,900	2,800	2,800	3,600	3,300	3,100	3,000
90	2,600	2,500	2,400	2,400	2,800	2,700	2,600	2,600	3,400	3,100	3,000	2,900
95	2,400	2,300	2,300	2,300	2,700	2,600	2,500	2,500	3,200	3,000	2,800	2,700
100	2,200	2,200	2,200	2,200	2,500	2,400	2,400	2,300	3,000	2,800	2,700	2,600
105	2,100	2,100	2,000		2,400	2,300	2,200	2,200	2,900	2,700	2,600	2,500
110	2,000	1,900	1,900		2,200	2,100	2,100	2,100	2,700	2,500	2,400	2,400
115	1,900	1,800			2,100	2,000	2,000		2,600	2,400	2,300	2,300
120	1,800	1,800			2,000	1,900	1,900		2,400	2,300	2,200	2,200
125					1,900	1,800			2,300	2,200	2,100	2,100
130					1,800	1,800			2,200	2,100	2,000	2,000
135									2,100	2,000	2,000	
140									2,000	1,900	1,900	
145									1,900	1,900	1,800	
150									1,900	1,800		
155									1,800	1,800		

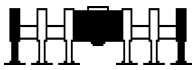
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	121.4	120.8	118.2	113.4	133.0	132.4	129.5	124.4	157.4	156.6	153.4	147.7
Capacity	1,700	1,800	1,800	2,000	1,700	1,800	1,800	1,900	1,700	1,800	1,800	1,900

1091170

For sales us

Not for crane operations

Rated Lifting Capacities In Pounds


Full

90ft Offset Fly

32,000 lbs

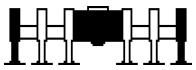
Radius (ft)	Boom Length (ft)											
	Fly Offset											
	99.5				125.5				152.4			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
35	6,500											
40	6,300											
45	6,000				5,600							
50	5,700	5,100			5,600				4,900			
55	5,500	4,900			5,600				4,900			
60	5,200	4,700			5,400	4,800			4,900			
65	5,000	4,400	4,100		5,200	4,600			4,900			
70	4,700	4,200	3,900		5,000	4,400			4,900	4,500		
75	4,500	4,000	3,700	3,500	4,800	4,200	3,900		4,900	4,400		
80	4,300	3,800	3,500	3,300	4,600	4,100	3,700	3,500	4,800	4,200	3,800	
85	4,100	3,700	3,400	3,200	4,400	3,900	3,600	3,400	4,600	4,100	3,700	
90	3,900	3,500	3,200	3,100	4,200	3,800	3,400	3,200	4,500	4,000	3,600	3,400
95	3,700	3,300	3,100	3,000	4,100	3,600	3,300	3,100	4,300	3,800	3,500	3,200
100	3,500	3,200	3,000	2,800	3,900	3,500	3,200	3,000	4,200	3,700	3,400	3,100
105	3,300	3,000	2,800	2,700	3,700	3,300	3,100	2,900	4,000	3,600	3,200	3,000
110	3,200	2,900	2,700	2,600	3,600	3,200	3,000	2,800	3,900	3,400	3,100	3,000
115	3,000	2,800	2,600	2,500	3,400	3,100	2,800	2,700	3,800	3,300	3,000	2,900
120	2,900	2,700	2,500	2,400	3,300	3,000	2,700	2,600	3,600	3,200	2,900	2,800
125	2,800	2,500	2,400	2,300	3,200	2,800	2,600	2,500	3,500	3,100	2,900	2,700
130	2,600	2,400	2,300	2,300	3,000	2,700	2,600	2,500	3,400	3,000	2,800	2,600
135	2,500	2,300	2,200	2,200	2,900	2,600	2,500	2,400	3,300	2,900	2,700	2,500
140	2,400	2,200	2,200	2,100	2,800	2,500	2,400	2,300	3,100	2,800	2,600	2,500
145	2,300	2,200	2,100	2,100	2,700	2,400	2,300	2,200	2,600	2,700	2,500	2,400
150	2,200	2,100	2,000	2,000	2,600	2,400	2,200	2,200	2,200	2,600	2,400	2,300
155	2,100	2,000	1,900		2,500	2,300	2,200	2,100	1,800	2,400	2,400	2,300
160	2,000	1,900	1,900		2,400	2,200	2,100	2,100	1,500	2,000	2,300	2,200
165	2,000	1,900	1,800		2,300	2,100	2,000	2,000	1,100	1,600	2,000	2,200
170	1,900	1,800	1,800		2,100	2,100	2,000	2,000		1,300	1,700	1,900
175	1,800	1,800			1,800	2,000	1,900			900	1,300	1,500
180	1,800	1,700			1,500	1,800	1,900				900	1,100
185					1,200	1,500	1,600					
190					1,000	1,200	1,300					
195						900						

Min Angle	0.0	0.0	0.0	0.0	27.0	28.0	27.0	27.5	49.5	50.0	50.5	50.0
Max Rad.	182.5	181.7	178.2	172.1	192.5	195.8	196.9	193.3	168.1	175.8	180.8	183.1
Capacity	1,700	1,700	1,800	1,900	0	0	0	0	0	0	0	0

1091170

Not for crane operations

Rated Lifting Capacities In Pounds


Full

90ft Offset Fly

32,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	38.3				50.0				62.1			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
20	8,300											
25	7,500				7,600				7,600			
30	6,800				6,900				7,100			
35	6,100	5,800			6,400				6,600			
40	5,600	5,300			5,900	5,400			6,100	5,600		
45	5,100	4,900			5,400	5,000			5,700	5,200		
50	4,700	4,500	4,300		5,000	4,700	4,400		5,300	4,800		
55	4,300	4,100	4,000		4,700	4,300	4,100		4,900	4,500	4,300	
60	4,000	3,800	3,700	3,600	4,300	4,000	3,900	3,700	4,600	4,200	4,000	
65	3,700	3,500	3,400	3,400	4,000	3,800	3,600	3,500	4,300	4,000	3,800	3,600
70	3,400	3,300	3,200	3,200	3,700	3,500	3,400	3,300	4,000	3,700	3,500	3,400
75	3,200	3,100	3,000	3,000	3,500	3,300	3,200	3,100	3,800	3,500	3,300	3,200
80	2,900	2,800	2,800	2,800	3,200	3,100	3,000	2,900	3,500	3,300	3,200	3,100
85	2,700	2,700	2,600	2,600	3,000	2,900	2,800	2,800	3,300	3,100	3,000	2,900
90	2,600	2,500	2,400	2,400	2,800	2,700	2,600	2,600	3,100	2,900	2,800	2,700
95	2,400	2,300	2,300	2,300	2,700	2,600	2,500	2,500	2,900	2,800	2,700	2,600
100	2,200	2,200	2,200	2,200	2,500	2,400	2,400	2,300	2,800	2,600	2,500	2,500
105	2,100	2,100	2,000		2,400	2,300	2,200	2,200	2,600	2,500	2,400	2,400
110	2,000	1,900	1,900		2,200	2,100	2,100	2,100	2,500	2,400	2,300	2,300
115	1,900	1,800			2,100	2,000	2,000		2,300	2,200	2,200	2,200
120	1,800	1,800			2,000	1,900	1,900		2,200	2,100	2,100	2,100
125					1,900	1,800			2,100	2,000	2,000	
130					1,800	1,800			2,000	1,900	1,900	
135									1,900	1,900	1,800	
140									1,800	1,800		
145									1,700			

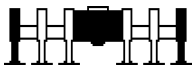
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	121.4	120.8	118.2	113.4	133.0	132.4	129.5	124.4	145.2	144.5	141.4	136.0
Capacity	1,700	1,800	1,800	2,000	1,700	1,800	1,800	1,900	1,700	1,800	1,800	1,900

1091180

For sales us

Not for crane operations

Rated Lifting Capacities In Pounds


Full

90ft Offset Fly

32,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	87.3				113.4				140.3			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
35	6,800											
40	6,400				6,500							
45	6,100				6,200							
50	5,700	5,100			5,900				5,800			
55	5,400	4,800			5,700	5,000			5,800			
60	5,100	4,600	4,200		5,400	4,800			5,600			
65	4,800	4,300	4,000		5,200	4,600			5,400	4,800		
70	4,600	4,100	3,800	3,600	5,000	4,400	4,000		5,200	4,600		
75	4,300	3,900	3,600	3,400	4,700	4,200	3,800		5,000	4,400	4,000	
80	4,100	3,700	3,400	3,300	4,500	4,000	3,700	3,400	4,800	4,200	3,800	
85	3,900	3,500	3,300	3,100	4,300	3,800	3,500	3,300	4,600	4,100	3,700	3,400
90	3,700	3,300	3,100	3,000	4,100	3,700	3,400	3,200	4,500	3,900	3,600	3,300
95	3,500	3,200	3,000	2,900	3,900	3,500	3,200	3,100	4,300	3,800	3,400	3,200
100	3,300	3,000	2,800	2,700	3,700	3,400	3,100	2,900	4,100	3,600	3,300	3,100
105	3,100	2,900	2,700	2,600	3,600	3,200	3,000	2,800	4,000	3,500	3,200	3,000
110	3,000	2,700	2,600	2,500	3,400	3,100	2,900	2,700	3,800	3,400	3,100	2,900
115	2,800	2,600	2,500	2,400	3,300	3,000	2,800	2,600	3,700	3,200	3,000	2,800
120	2,700	2,500	2,400	2,300	3,100	2,800	2,600	2,500	3,500	3,100	2,900	2,700
125	2,600	2,400	2,300	2,200	3,000	2,700	2,600	2,500	3,400	3,000	2,800	2,600
130	2,400	2,300	2,200	2,200	2,900	2,600	2,500	2,400	3,200	2,900	2,700	2,600
135	2,300	2,200	2,100	2,100	2,700	2,500	2,400	2,300	3,100	2,800	2,600	2,500
140	2,200	2,100	2,000	2,000	2,600	2,400	2,300	2,200	3,000	2,700	2,500	2,400
145	2,100	2,000	2,000		2,500	2,300	2,200	2,200	2,600	2,600	2,400	2,300
150	2,000	1,900	1,900		2,400	2,200	2,100	2,100	2,200	2,500	2,400	2,300
155	1,900	1,900	1,800		2,300	2,200	2,100	2,000	1,800	2,400	2,300	2,200
160	1,900	1,800			2,200	2,100	2,000	2,000	1,500	2,000	2,200	2,200
165	1,800	1,800			2,100	2,000	1,900		1,100	1,600	2,000	2,100
170	1,700				2,100	1,900	1,900			1,200	1,600	1,800
175					1,800	1,900	1,800			900	1,200	1,400
180					1,600	1,800	1,800					900
185					1,300	1,500						
190					1,100	1,200						

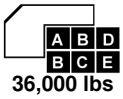
Min Angle	0.0	0.0	0.0	0.0	12.0	11.0	14.0	24.5	45.0	45.5	46.5	46.0
Max Rad.	170.4	169.6	166.2	160.3	194.2	194.9	189.7	181.1	168.1	175.6	179.4	180.6
Capacity	1,700	1,800	1,800	1,900	0	0	0	0	0	0	0	0

1091180

Not for crane operations

Rated Lifting Capacities In Pounds

Full



36,000 lbs

Radius (ft)	Boom Length (ft) Extend Mode										
	38.3	50.0	50.5	60.0	61.7	62.1	63.0	73.8	74.3	74.7	75.0
	ALL	EM1,2,3,4,5	EM6	EM2	EM1, EM4	EM3, EM5	EM6	EM4	EM2	EM5	EM1
7	220,000	*									
8	200,000	*									
9	175,000										
10	165,700	86,000	160,300	90,200	58,400	90,400	137,600				
12	149,300	80,400	146,900	85,000	54,200	85,400	137,600	55,600	59,800	88,300	55,500
15	128,000	73,000	129,800	78,200	49,000	78,700	124,700	50,900	54,200	82,400	50,900
20	95,500	63,600	98,300	68,900	42,000	69,700	99,200	44,700	46,800	74,100	44,800
25	73,900	56,300	76,900	61,800	36,700	62,600	77,900	39,800	41,000	67,400	40,000
30	59,300	50,800	62,300	56,000	32,700	56,900	63,300	35,800	36,400	61,800	36,000
35		46,300	51,700	51,500	29,400	52,200	52,800	32,500	32,800	54,300	32,700
40		42,400	41,800	44,000	26,700	44,300	43,100	29,800	29,700	44,700	29,900
45				36,400	24,400	36,700	35,500	27,500	26,800	37,200	27,300
50				30,700	22,600	31,000	29,900	25,500	24,200	31,600	25,100
55						26,500	25,400	23,800	22,100	27,100	23,300
60								22,100	20,400	23,500	21,700
65								20,800	18,800	20,500	20,300
Unpinned			106,000				106,400				
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	31.3	43.0	43.5	53.0	54.7	55.1	56.0	66.8	67.3	67.7	68.0
Capacity	33,100	24,700	23,800	19,700	19,400	18,800	17,400	15,200	14,700	14,200	14,900

1100070

**** Boom Centered Over Rear Only***

Radius (ft)	Boom Length (ft) Extend Mode										
	75.0	76.1	85.0	86.0	86.4	87.3	87.8	89.5	99.4	99.5	100.0
	EM3	EM6	EM2	EM1	EM4	EM3	EM5	EM6	EM4	EM2	EM1
12	88,300	120,400									
15	82,400	120,400	55,500	45,500	52,800	64,900	82,000	91,500			
20	74,100	98,900	48,600	39,600	47,000	56,200	77,000	91,500	48,600	47,500	41,100
25	67,400	77,700	43,200	34,900	42,400	49,500	70,800	76,900	44,400	42,200	36,900
30	61,900	63,300	38,800	31,100	38,600	44,000	64,400	62,500	40,800	37,800	33,100
35	54,300	52,800	35,200	28,000	35,400	39,600	54,000	52,000	37,700	34,000	30,200
40	44,700	42,900	32,100	25,400	32,500	35,900	44,300	42,000	35,000	31,000	27,600
45	37,200	35,500	29,500	23,200	30,200	32,800	36,800	34,600	32,500	28,400	25,400
50	31,600	29,900	27,200	21,300	28,200	30,100	31,200	29,100	30,500	26,100	23,600
55	27,100	25,500	25,000	19,700	26,500	27,400	26,800	24,800	27,800	24,100	21,900
60	23,500	21,900	23,100	18,200	24,600	23,800	23,300	21,300	24,200	22,400	20,500
65	20,500	19,000	21,300	17,000	21,700	20,900	20,300	18,300	21,300	20,900	19,200
70			18,800	15,800	19,200	18,400	17,900	15,900	18,800	19,100	18,000
75			16,800	14,700	17,100	16,300	15,800	13,900	16,700	17,000	16,900
80						14,600	14,000	12,100	15,000	15,200	15,800
85									13,500	13,700	14,300
90									12,100	12,300	13,000
Unpinned		106,300						91,500			
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	68.0	69.1	78.0	79.0	79.4	80.3	80.8	82.5	92.4	92.5	93.0
Capacity	14,100	12,400	11,900	12,300	11,900	10,900	10,300	8,100	8,800	8,900	9,500

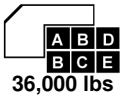
1100070

For sales use only

Not for crane operations

Rated Lifting Capacities In Pounds

Full



36,000 lbs

Radius (ft)	Boom Length (ft) Extend Mode									
	100.0		110.0	111.2	113.4	114.6	115.0	125.0		125.5
	EM3	EM5	EM2	EM1	EM3	EM5	EM4	EM1	EM3	EM2
20	58,300	65,800	43,400	36,400	45,300	50,400	43,900			
25	52,000	65,800	43,400	36,400	45,300	50,400	43,900	29,900	38,700	33,300
30	46,800	63,600	39,500	33,700	44,200	50,400	42,300	29,900	38,700	33,300
35	42,500	53,300	35,900	31,000	40,000	46,200	39,400	29,900	38,700	33,300
40	38,800	43,400	32,700	28,500	36,300	41,700	36,900	29,800	38,200	32,700
45	35,700	35,900	30,100	26,200	33,100	35,100	34,700	27,900	35,100	30,100
50	31,500	30,400	27,900	24,100	30,500	29,600	31,100	26,000	30,500	27,800
55	27,100	26,000	25,900	22,300	26,800	25,200	26,700	24,200	26,100	25,700
60	23,500	22,500	24,100	20,800	23,200	21,700	23,200	22,600	22,600	23,700
65	20,600	19,600	21,200	19,400	20,300	18,900	20,300	21,200	19,700	20,800
70	18,200	17,200	18,800	18,100	17,900	16,500	17,900	19,300	17,300	18,400
75	16,100	15,200	16,700	16,900	15,900	14,600	15,800	17,200	15,400	16,300
80	14,400	13,400	15,000	15,900	14,200	12,800	14,200	15,600	13,700	14,700
85	12,800	11,800	13,400	14,400	12,600	11,200	12,600	14,000	12,100	13,200
90	11,500	10,500	12,100	13,000	11,300	9,900	11,200	12,700	10,800	11,800
95			10,900	11,800	10,100	8,700	10,000	11,500	9,600	10,600
100			9,800	10,700	9,000	7,700	9,000	10,400	8,500	9,500
105					8,100	6,700	8,000	9,400	7,600	8,600
110								8,600	6,700	7,700
115								7,800	5,900	6,900
Unpinned										
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	93.0	93.0	103.0	104.2	106.4	107.6	108.0	118.0	118.0	118.5
Capacity	8,100	7,100	7,000	7,700	5,700	4,200	5,500	5,600	3,700	4,700

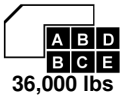
1100070

For sales use only

Not for crane operations

Rated Lifting Capacities In Pounds

Full



36,000 lbs

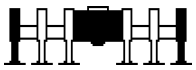
Radius (ft)	Boom Length (ft) Extend Mode 126.3 EM4	137.2 EM1	140.0 EM2	140.3 EM3	150.0 EM1	152.4 EM2	164.1 EM1
25	37,700	25,400					
30	37,700	25,400	28,300	30,800	22,500	24,400	
35	37,700	25,400	28,300	30,800	22,500	24,400	19,600
40	37,300	25,400	28,300	30,800	22,500	24,400	19,600
45	35,300	25,400	28,300	30,800	22,500	24,400	19,600
50	30,500	25,400	28,300	29,500	22,500	24,400	19,600
55	26,100	24,600	26,500	25,500	22,500	24,400	19,600
60	22,600	22,900	23,000	22,000	22,500	22,400	19,600
65	19,700	21,400	20,100	19,100	20,800	19,600	19,600
70	17,300	19,000	17,700	16,700	18,300	17,200	17,700
75	15,400	16,900	15,700	14,800	16,300	15,300	15,700
80	13,600	15,300	14,000	13,000	14,700	13,500	14,100
85	12,100	13,800	12,500	11,500	13,100	12,000	12,600
90	10,800	12,400	11,200	10,200	11,800	10,700	11,200
95	9,600	11,200	10,000	9,000	10,600	9,500	10,100
100	8,500	10,100	8,900	8,000	9,600	8,500	9,000
105	7,500	9,200	8,000	7,000	8,600	7,500	8,100
110	6,700	8,300	7,100	6,200	7,800	6,700	7,200
115	5,900	7,500	6,300	5,400	7,000	5,900	6,500
120		6,800	5,600	4,700	6,300	5,200	5,800
125		6,200	5,000	4,100	5,600	4,600	5,100
130		5,600	4,400	3,500	5,000	4,000	4,500
135					4,500	3,400	4,000
140					4,000	2,900	3,500
145						2,500	3,000
150							2,600
155							2,200
Unpinned							
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	119.3	130.2	133.0	133.3	143.0	145.4	157.1
Capacity	3,600	4,100	2,600	1,600	2,400	1,100	800

1100070

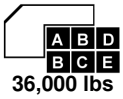
For sales use only

Not for crane operations

Rated Lifting Capacities In Pounds


Full

10ft Offset Fly
0°- 45° Offset



36,000 lbs

Radius (ft)	Boom Length (ft) Extend Mode										
	38.3	50.0	50.5	60.0	61.7	62.1	63.0	73.8	74.3	74.7	75.0
	ALL	EM1,2,3,4,5	EM6	EM2	EM1, EM4	EM3, EM5	EM6	EM4	EM2	EM5	EM1
10	42,100	42,900	42,900	47,700	47,700	47,700	47,700				
12	41,100	42,100	42,100	42,600	38,900	42,600	42,800	46,400	47,600	47,600	47,600
15	39,400	40,900	40,900	41,500	35,400	41,600	41,700	36,400	41,800	42,000	42,300
20	36,400	38,400	38,600	39,700	31,200	39,900	40,200	32,500	38,700	40,700	32,600
25	34,400	34,400	36,300	36,900	27,500	37,300	38,000	29,100	34,400	38,800	29,200
30	33,400	31,600	34,400	34,100	24,600	34,400	36,200	26,300	30,600	36,500	26,400
35	32,500	29,000	34,000	31,400	22,200	31,800	34,600	24,000	27,600	34,200	24,100
40	32,500	26,800	32,900	29,200	20,300	29,600	34,400	22,100	25,000	31,900	22,200
45		25,200	32,400	27,300	18,600	27,700	33,400	20,400	22,900	30,000	20,600
50		24,000	30,400	25,800	17,300	26,200	30,700	19,000	21,100	28,400	19,100
55				24,600	16,300	24,900	26,300	17,800	19,500	26,900	17,900
60				23,700	15,300	23,800	22,800	16,900	17,900	23,800	17,100
65						20,600	20,000	16,000	16,700	20,900	16,100
70								15,200	15,500	18,500	15,300
75								14,600	14,400	16,500	14,600
Unpinned			42,900				47,700				
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	41.4	53.1	53.5	63.1	64.7	65.2	66.1	76.9	77.4	77.8	78.1
Capacity	26,300	20,300	19,600	16,400	14,700	15,800	14,600	12,900	12,500	12,000	12,600

1101010

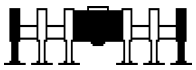
Radius (ft)	Boom Length (ft) Extend Mode										
	75.0	76.1	85.0	86.0	86.4	87.3	87.8	89.5	99.4	99.5	100.0
	EM3	EM6	EM2	EM1	EM4	EM3	EM5	EM6	EM4	EM2	EM1
12	47,600	47,600									
15	42,000	42,200	46,100	41,700	40,200	46,300	46,600	47,200			
20	40,700	40,900	39,600	32,700	33,700	40,800	41,000	41,300	34,500	38,500	32,800
25	38,800	39,200	35,300	29,700	30,500	39,300	39,600	40,100	31,600	35,600	30,300
30	36,500	37,500	32,000	27,000	27,800	37,800	38,100	38,500	29,100	32,400	28,000
35	34,200	36,000	29,000	24,300	25,600	34,900	35,900	37,100	27,000	29,800	25,700
40	32,000	34,800	26,600	22,000	23,700	31,900	34,000	35,900	25,100	27,600	23,600
45	30,000	34,400	24,500	20,100	22,100	29,100	32,000	34,600	23,500	25,600	21,700
50	28,400	30,200	22,700	18,500	20,600	26,800	30,300	29,200	22,000	23,700	20,100
55	27,000	25,800	21,100	17,200	19,400	24,800	26,700	24,800	20,800	21,900	18,700
60	23,800	22,300	19,700	16,000	18,300	23,000	23,200	21,300	19,700	20,300	17,400
65	20,900	19,400	18,400	14,900	17,300	20,900	20,300	18,500	18,700	18,900	16,400
70	18,500	17,100	17,200	13,900	16,600	18,400	17,900	16,100	17,800	17,600	15,400
75	16,500	15,100	16,100	13,000	15,800	16,400	15,900	14,200	16,500	16,500	14,500
80			15,100	12,200	15,200	14,700	14,200	12,500	14,900	15,100	13,700
85			13,600	11,400	13,900	13,200	12,700	11,000	13,300	13,500	12,900
90						11,900	11,400	9,700	12,000	12,200	12,300
95									10,800	11,000	11,600
100									9,800	10,000	10,600
Unpinned		47,600						47,200			
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	78.1	79.1	88.1	89.0	89.5	90.4	90.8	92.6	102.5	102.5	103.1
Capacity	11,900	10,400	10,000	10,400	10,000	9,200	8,600	6,600	7,200	7,400	7,900

1101010

Sales use only

Not for crane operations

Rated Lifting Capacities In Pounds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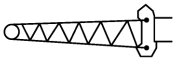
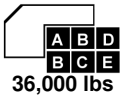

10ft Offset Fly
0°- 45° Offset



36,000 lbs

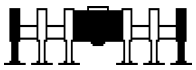
Radius (ft)	Boom Length (ft)									
	Extend Mode									
	100.0		110.0	111.2	113.4	114.6	115.0	125.0		125.5
	EM3	EM5	EM2	EM1	EM3	EM5	EM4	EM1	EM3	EM2
20	40,800	41,100	32,700	27,200	35,500	39,500	32,900			
25	39,500	39,900	32,700	27,200	35,500	39,500	32,400	23,600	30,400	26,600
30	38,200	38,600	32,700	27,200	35,500	38,600	30,100	23,600	30,400	26,600
35	36,700	37,300	30,400	26,300	35,500	37,500	28,100	23,600	30,400	26,600
40	33,800	35,200	28,300	24,300	33,600	36,300	26,300	23,600	30,400	26,600
45	31,100	33,500	26,400	22,500	30,800	34,500	24,800	23,400	30,400	26,600
50	28,800	30,200	24,800	20,900	28,300	29,300	23,400	21,900	29,700	25,300
55	26,800	25,800	23,200	19,600	26,100	24,900	22,100	20,600	25,700	24,000
60	23,300	22,300	21,600	18,300	22,900	21,400	21,000	19,400	22,200	22,300
65	20,400	19,400	20,200	17,200	20,000	18,600	19,900	18,300	19,300	20,300
70	18,000	17,000	18,400	16,200	17,600	16,200	17,500	17,300	16,900	17,900
75	15,900	15,100	16,300	15,300	15,600	14,300	15,600	16,300	15,000	15,900
80	14,300	13,400	14,700	14,500	13,900	12,600	13,800	15,100	13,300	14,300
85	12,800	11,900	13,200	13,600	12,400	11,100	12,300	13,600	11,800	12,700
90	11,400	10,500	11,800	12,700	11,100	9,800	11,000	12,200	10,400	11,400
95	10,300	9,400	10,700	11,500	9,900	8,600	9,800	11,000	9,300	10,200
100	9,200	8,400	9,600	10,500	8,900	7,600	8,800	10,000	8,200	9,200
105			8,700	9,500	7,900	6,700	7,900	9,000	7,300	8,200
110			7,900	8,700	7,100	5,800	7,000	8,200	6,500	7,400
115					6,400	5,100	6,300	7,400	5,700	6,700
120								6,800	5,100	6,000
125								6,200	4,500	5,400
Unpinned										
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	103.1	103.1	113.1	114.2	116.4	117.7	118.1	128.1	128.1	128.6
Capacity	6,600	5,700	5,600	6,300	4,400	3,000	4,200	4,300	2,600	3,500

1101010

For sales use only

Not for crane operations

Rated Lifting Capacities In Pounds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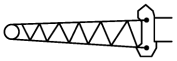
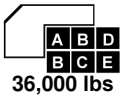

10ft Offset Fly
0°- 45° Offset



36,000 lbs

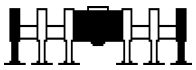
Radius (ft)	Boom Length (ft) Extend Mode						
	126.3 EM4	137.2 EM1	140.0 EM2	140.3 EM3	150.0 EM1	152.4 EM2	164.1 EM1
25	29,000	20,500					
30	29,000	20,500	23,100	25,400	18,500		
35	28,400	20,500	23,100	25,400	18,500	20,400	15,900
40	26,800	20,500	23,100	25,400	18,500	20,400	15,900
45	25,300	20,500	23,100	25,400	18,500	20,400	15,900
50	23,900	20,500	23,100	25,400	18,500	20,400	15,900
55	22,700	20,500	23,100	24,900	18,500	20,400	15,900
60	21,600	20,000	22,400	21,400	18,500	20,400	15,900
65	19,300	19,000	19,500	18,600	18,500	19,000	15,900
70	16,900	18,000	17,100	16,200	17,700	16,600	15,900
75	15,000	16,400	15,300	14,300	15,700	14,700	15,200
80	13,200	14,700	13,500	12,600	14,100	13,000	13,500
85	11,700	13,200	12,000	11,100	12,600	11,500	12,000
90	10,400	11,900	10,700	9,800	11,200	10,100	10,600
95	9,200	10,700	9,500	8,600	10,000	9,000	9,500
100	8,200	9,600	8,500	7,600	9,000	7,900	8,400
105	7,300	8,700	7,500	6,700	8,100	7,000	7,500
110	6,400	7,900	6,700	5,800	7,200	6,200	6,600
115	5,700	7,100	5,900	5,100	6,500	5,400	5,900
120	5,000	6,400	5,300	4,400	5,800	4,800	5,200
125	4,400	5,800	4,600	3,800	5,200	4,100	4,600
130		5,200	4,100	3,200	4,600	3,600	4,000
135		4,700	3,600	2,700	4,100	3,000	3,500
140		4,200	3,100		3,600	2,600	3,000
145					3,100	2,100	2,500
150					2,700		2,100
155							1,700
160							1,300
Unpinned							
Min Angle	0.0	0.0	0.0	15.0	0.0	19.0	12.0
Max Rad.	129.4	140.3	143.1	140.0	153.1	150.0	165.0
Capacity	2,400	2,900	1,500	0	1,300	0	0

1101010

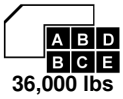
For sale use only

Not for crane operations

Rated Lifting Capacities In Pounds


Full

35ft Offset Fly



36,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	38.3				61.7				86.0			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
10	28,700											
12	26,800											
15	24,400				25,200							
20	21,100	16,900			23,000				21,300			
25	18,600	15,300	13,000		21,000	16,400			20,700			
30	16,700	14,000	12,100	10,800	19,200	15,400	12,800		19,700	15,800		
35	15,000	12,900	11,400	10,300	17,700	14,400	12,200		18,700	15,100		
40	13,600	12,000	10,800	9,900	16,500	13,600	11,600	10,400	17,700	14,400	12,100	
45	12,500	11,200	10,200	9,600	15,300	12,800	11,200	10,100	16,800	13,800	11,700	10,400
50	11,500	10,500	9,700	9,200	14,300	12,200	10,700	9,800	16,000	13,200	11,300	10,100
55	10,700	9,900	9,300	8,900	13,100	11,600	10,400	9,600	15,200	12,700	11,000	9,900
60	9,900	9,300	8,900		12,000	11,000	10,000	9,300	14,400	12,200	10,700	9,800
65	9,200	8,900			11,000	10,500	9,600	9,100	13,300	11,700	10,400	9,500
70					10,200	9,800	9,300	8,900	12,300	11,300	10,100	9,300
75					9,500	9,200	9,000		11,500	10,900	9,800	9,100
80					8,900	8,600	8,500		10,700	10,300	9,500	9,000
85					8,300	8,200			10,000	9,800	9,300	8,900
90									9,300	9,200	8,900	8,800
95									8,800	8,700	8,600	
100									8,200	8,200	8,100	
105									7,700	7,700	7,700	
110									7,300	7,300		

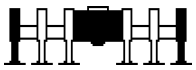
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	66.4	66.3	65.0	62.5	89.7	89.5	87.8	84.7	114.0	113.7	111.8	108.3
Capacity	9,000	8,900	8,900	8,900	7,900	8,000	8,100	8,500	7,000	7,000	7,300	7,700

1101070

For sales us

Not for crane operations

Rated Lifting Capacities In Pounds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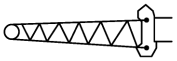
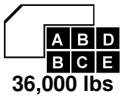

35ft Offset Fly



36,000 lbs

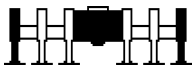
Radius (ft)	Boom Length (ft)											
	Fly Offset											
	111.2				137.2				164.1			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
25	16,200											
30	16,200											
35	16,200				13,200							
40	16,200	14,500			13,200				11,100			
45	16,200	14,100	12,000		13,200	13,700			11,100			
50	16,200	13,600	11,700	10,400	13,200	13,600			11,100			
55	15,800	13,200	11,400	10,200	13,200	13,300	11,600		11,100	11,600		
60	15,300	12,800	11,100	10,000	13,200	13,000	11,400	10,200	11,100	11,600		
65	14,800	12,500	10,900	9,900	13,200	12,700	11,200	10,100	11,100	11,600	11,300	
70	14,300	12,100	10,600	9,700	13,200	12,500	11,000	9,900	11,100	11,600	11,100	10,100
75	13,500	11,800	10,400	9,500	13,200	12,200	10,800	9,700	11,100	11,600	11,000	9,900
80	12,600	11,400	10,200	9,300	13,200	11,900	10,600	9,600	11,100	11,600	10,800	9,800
85	11,900	11,100	9,900	9,200	13,200	11,700	10,400	9,400	11,100	11,600	10,700	9,600
90	11,200	10,600	9,700	9,000	12,400	11,500	10,200	9,300	11,100	11,600	10,500	9,500
95	10,600	10,100	9,500	8,900	11,200	11,100	10,000	9,200	10,000	10,700	10,300	9,400
100	10,000	9,700	9,200	8,800	10,200	10,700	9,800	9,100	8,900	9,600	10,100	9,200
105	9,500	9,200	8,900	8,700	9,200	9,700	9,600	8,900	8,000	8,600	9,100	9,100
110	9,000	8,800	8,600	8,400	8,400	8,800	9,200	8,900	7,100	7,700	8,100	8,500
115	8,500	8,400	8,300		7,600	8,000	8,300	8,500	6,400	6,900	7,300	7,600
120	7,800	8,000	7,900		6,900	7,300	7,500	7,700	5,700	6,100	6,500	6,800
125	7,200	7,400	7,500		6,300	6,600	6,800	6,900	5,000	5,500	5,800	6,000
130	6,600	6,800			5,700	6,000	6,200	6,300	4,400	4,800	5,200	5,400
135	6,100	6,200			5,100	5,400	5,600		3,900	4,300	4,600	4,700
140					4,600	4,900	5,000		3,400	3,800	4,000	4,200
145					4,200	4,400	4,500		3,000	3,300	3,500	3,600
150					3,800	3,900	4,000		2,500	2,800	3,000	3,100
155					3,400	3,500			2,100	2,400	2,600	
160					3,000	3,100			1,800	2,000	2,200	
165					2,700				1,400	1,600	1,800	
170									1,000	1,200	1,400	
175										900	1,000	

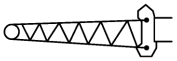
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	30.0	29.5	30.0
Max Rad.	139.2	138.8	136.7	132.9	165.3	164.8	162.6	158.6	172.5	175.6	176.9	175.0
Capacity	4,400	4,400	4,500	4,700	1,600	1,600	1,600	1,700	0	0	0	0

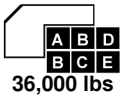
1101070

For SALES
Not for crane operations

Rated Lifting Capacities In Pounds


Full


35ft Offset Fly



36,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	38.3				50.0				74.3			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
10	28,700											
12	26,800				27,600							
15	24,400				25,500							
20	21,100	16,900			22,600	17,400			23,400			
25	18,600	15,300	13,000		20,200	16,000			21,700	16,900		
30	16,700	14,000	12,100	10,800	18,200	14,800	12,500		20,200	15,900		
35	15,000	12,900	11,400	10,300	16,700	13,800	11,800	10,500	18,800	15,000	12,500	
40	13,600	12,000	10,800	9,900	15,300	12,900	11,300	10,200	17,500	14,200	12,000	10,500
45	12,500	11,200	10,200	9,600	14,100	12,100	10,700	9,900	16,500	13,500	11,500	10,300
50	11,500	10,500	9,700	9,200	13,000	11,400	10,300	9,600	15,500	12,800	11,100	10,000
55	10,700	9,900	9,300	8,900	12,100	10,800	9,900	9,300	14,600	12,200	10,700	9,800
60	9,900	9,300	8,900		11,400	10,300	9,500	9,000	13,700	11,700	10,400	9,600
65	9,200	8,900			10,700	9,800	9,100	8,900	13,000	11,200	10,100	9,300
70					10,000	9,300	8,900		12,300	10,800	9,800	9,100
75					9,300	8,900			11,700	10,400	9,500	9,000
80									11,200	10,000	9,200	8,900
85									10,700	9,600	9,000	
90									10,100	9,300	8,800	
95									9,500	9,000	8,800	
100									9,000	8,800		

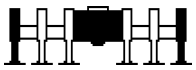
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	66.4	66.3	65.0	62.5	78.0	77.9	76.4	73.5	102.4	102.1	100.2	96.9
Capacity	9,000	8,900	8,900	8,900	9,000	8,900	8,900	8,900	8,700	8,800	8,800	8,800

1101080

For sales us

Not for crane operations

Rated Lifting Capacities In Pounds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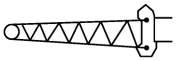
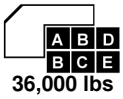

35ft Offset Fly



36,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	99.5				125.5				152.4			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
25	21,100											
30	20,300				17,300							
35	19,400	15,500			17,300							
40	18,500	14,800	12,400		17,300	15,000			13,800			
45	17,600	14,200	12,000	10,500	17,300	14,500			13,800			
50	16,900	13,700	11,600	10,300	17,000	14,100	11,900		13,800	14,000		
55	16,100	13,200	11,300	10,100	16,500	13,700	11,600	10,300	13,800	13,700	11,800	
60	15,400	12,700	11,000	9,900	16,000	13,300	11,400	10,100	13,800	13,400	11,600	
65	14,700	12,300	10,700	9,800	15,500	12,900	11,100	10,000	13,800	13,100	11,400	10,200
70	14,100	11,900	10,500	9,500	15,100	12,600	10,900	9,900	13,800	12,900	11,200	10,000
75	13,500	11,500	10,200	9,300	14,600	12,200	10,700	9,700	13,800	12,600	11,000	9,900
80	12,900	11,100	10,000	9,200	14,100	11,900	10,500	9,500	13,700	12,300	10,800	9,800
85	12,400	10,800	9,700	9,000	13,500	11,600	10,300	9,300	12,200	12,100	10,600	9,600
90	11,900	10,500	9,500	8,900	12,200	11,300	10,100	9,200	10,800	11,600	10,500	9,500
95	11,500	10,200	9,200	8,800	11,000	11,100	9,800	9,100	9,600	10,400	10,300	9,300
100	10,900	9,900	9,100	8,800	9,900	10,400	9,600	9,000	8,600	9,200	9,800	9,200
105	9,900	9,600	8,900		9,000	9,400	9,400	8,900	7,700	8,300	8,800	9,100
110	9,100	9,300	8,800		8,100	8,500	8,800	8,800	6,800	7,400	7,800	8,100
115	8,300	8,500	8,600		7,300	7,700	8,000	8,100	6,000	6,600	7,000	7,200
120	7,600	7,800			6,600	7,000	7,200	7,300	5,400	5,800	6,200	6,400
125	7,000	7,100			6,000	6,300	6,500		4,700	5,200	5,500	5,700
130					5,400	5,700	5,800		4,100	4,500	4,800	5,000
135					4,900	5,100	5,200		3,600	4,000	4,200	4,400
140					4,400	4,600	4,700		3,100	3,400	3,700	3,800
145					3,900	4,100			2,700	3,000	3,200	3,200
150					3,500	3,600			2,200	2,500	2,700	
155									1,800	2,100	2,200	
160									1,400	1,700	1,800	
165									1,100	1,300	1,300	
170										900		

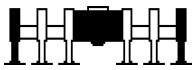
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.5	25.0	25.5	25.0
Max Rad.	127.5	127.2	125.1	121.4	153.6	153.1	151.0	147.1	168.1	170.6	170.0	168.5
Capacity	5,200	5,200	5,400	5,600	2,100	2,100	2,100	2,200	0	0	0	0

1101080

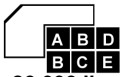
For Sale Use Only

Not for crane operations

Rated Lifting Capacities In Pounds


Full

35ft Offset Fly



36,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	38.3				50.0				62.1			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
10	28,700											
12	26,800				27,600							
15	24,400				25,500				26,000			
20	21,100	16,900			22,600	17,400			23,500			
25	18,600	15,300	13,000		20,200	16,000			21,400	16,600		
30	16,700	14,000	12,100	10,800	18,200	14,800	12,500		19,500	15,500	12,800	
35	15,000	12,900	11,400	10,300	16,700	13,800	11,800	10,500	17,900	14,500	12,200	10,700
40	13,600	12,000	10,800	9,900	15,300	12,900	11,300	10,200	16,700	13,600	11,700	10,400
45	12,500	11,200	10,200	9,600	14,100	12,100	10,700	9,900	15,500	12,900	11,200	10,100
50	11,500	10,500	9,700	9,200	13,000	11,400	10,300	9,600	14,400	12,200	10,700	9,800
55	10,700	9,900	9,300	8,900	12,100	10,800	9,900	9,300	13,500	11,600	10,400	9,600
60	9,900	9,300	8,900		11,400	10,300	9,500	9,000	12,600	11,100	10,000	9,300
65	9,200	8,900			10,700	9,800	9,100	8,900	11,900	10,600	9,700	9,100
70					10,000	9,300	8,900		11,200	10,200	9,300	8,900
75					9,300	8,900			10,700	9,700	9,100	
80									10,100	9,300	8,900	
85									9,500	9,000		
90									9,000			

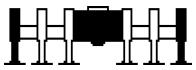
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	66.4	66.3	65.0	62.5	78.0	77.9	76.4	73.5	90.2	90.0	88.3	85.1
Capacity	9,000	8,900	8,900	8,900	9,000	8,900	8,900	8,900	9,000	9,000	8,800	8,900

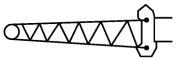
1101090

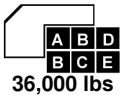
For sales use only

Not for crane operations

Rated Lifting Capacities In Pounds


Full


35ft Offset Fly



36,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	87.3				113.4				140.3			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
20	23,700											
25	22,300				20,900							
30	20,900	16,300			20,800							
35	19,700	15,500	12,700		19,900	15,800			17,300			
40	18,500	14,700	12,200		19,100	15,200			17,300			
45	17,400	14,000	11,800	10,400	18,300	14,700	12,200		17,300	14,800		
50	16,600	13,400	11,400	10,200	17,600	14,100	11,900	10,400	17,300	14,400	12,100	
55	15,600	12,800	11,100	10,000	16,900	13,600	11,600	10,200	17,000	14,000	11,900	
60	14,800	12,300	10,700	9,800	16,200	13,200	11,300	10,000	16,600	13,600	11,600	10,200
65	14,100	11,900	10,500	9,600	15,600	12,800	11,000	9,900	16,100	13,300	11,400	10,100
70	13,400	11,400	10,200	9,400	15,000	12,400	10,700	9,800	15,700	13,000	11,100	10,000
75	12,800	11,000	9,900	9,200	14,400	12,000	10,500	9,600	15,200	12,600	10,900	9,900
80	12,200	10,700	9,600	9,000	13,800	11,600	10,300	9,400	13,500	12,300	10,700	9,700
85	11,600	10,400	9,400	8,900	13,300	11,300	10,100	9,200	12,000	12,000	10,500	9,500
90	11,200	10,000	9,200	8,800	12,000	11,000	9,800	9,100	10,600	11,400	10,400	9,400
95	10,700	9,600	9,000		10,800	10,700	9,600	9,000	9,400	10,100	10,200	9,200
100	10,300	9,300	8,800		9,800	10,200	9,400	8,900	8,400	9,000	9,600	9,100
105	9,800	9,100	8,800		8,800	9,200	9,200	8,800	7,500	8,000	8,500	8,800
110	9,000	8,900			8,000	8,300	8,600	8,800	6,600	7,100	7,600	7,900
115	8,300				7,200	7,500	7,800		5,800	6,300	6,700	7,000
120					6,500	6,800	7,000		5,200	5,600	5,900	6,100
125					5,900	6,100	6,200		4,500	4,900	5,200	5,400
130					5,300	5,500	5,600		3,900	4,300	4,600	4,700
135					4,800	4,900			3,400	3,700	4,000	
140					4,300				2,900	3,200	3,400	
145									2,500	2,700	2,900	
150									2,100	2,300	2,400	
155									1,600	1,800		
160									1,200	1,400		

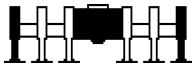
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.5	16.5	12.0	13.5
Max Rad.	115.4	115.1	113.1	109.6	141.4	141.0	138.9	135.1	165.0	165.0	164.7	159.8
Capacity	6,500	6,500	6,700	7,000	2,800	2,900	2,900	3,100	0	0	0	0

1101090

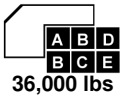
For sale use only

Not for crane operations

Rated Lifting Capacities In Pounds


Full

58ft Offset Fly



36,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	38.3				61.7				86.0			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
15	16,600											
20	14,700				14,300							
25	13,000				13,400				12,400			
30	11,600	9,600			12,500				11,900			
35	10,500	8,800			11,700	9,400			11,500			
40	9,500	8,200	7,200		10,900	8,800			11,000	9,100		
45	8,700	7,600	6,700		10,100	8,300			10,600	8,700		
50	8,100	7,100	6,300	5,700	9,400	7,900	6,700		10,100	8,300		
55	7,500	6,700	6,000	5,500	8,800	7,400	6,400		9,700	7,900	6,700	
60	6,900	6,300	5,700	5,200	8,300	7,100	6,100	5,500	9,200	7,600	6,400	
65	6,500	5,900	5,400	5,100	7,800	6,700	5,900	5,300	8,800	7,300	6,200	5,500
70	6,000	5,600	5,200	4,900	7,300	6,400	5,700	5,200	8,300	7,000	6,000	5,400
75	5,700	5,300	5,000	4,800	6,900	6,100	5,500	5,100	8,000	6,700	5,800	5,200
80	5,300	5,100	4,900	4,800	6,600	5,800	5,300	5,000	7,600	6,500	5,700	5,100
85	5,000	4,900	4,800		6,200	5,600	5,200	4,900	7,200	6,200	5,500	5,000
90					5,900	5,400	5,000	4,800	6,900	6,000	5,400	5,000
95					5,600	5,200	4,900	4,800	6,600	5,800	5,200	4,900
100					5,400	5,000	4,800		6,300	5,600	5,100	4,800
105					5,100	4,900	4,700		6,100	5,500	5,000	4,800
110					4,900	4,800			5,800	5,300	4,900	4,700
115									5,600	5,200	4,800	4,700
120									5,400	5,000	4,800	
125									5,200	4,900	4,700	
130									5,000	4,800		
135									4,900	4,700		

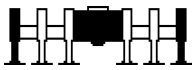
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	89.4	89.2	87.3	84.0	112.7	112.3	109.8	105.3	137.0	136.4	133.5	128.2
Capacity	4,800	4,900	4,800	4,800	4,800	4,800	4,700	4,800	4,800	4,700	4,700	4,700

1101100

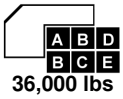
For sales us

Not for crane operations

Rated Lifting Capacities In Pounds


Full

58ft Offset Fly



36,000 lbs

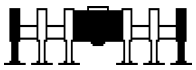
Radius (ft)	Boom Length (ft)											
	Fly Offset											
	111.2				137.2				164.1			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
30	10,100											
35	10,100											
40	10,100				8,600							
45	10,100				8,600							
50	10,000	8,500			8,600				7,500			
55	9,700	8,200			8,600	8,200			7,500			
60	9,500	7,900			8,600	8,000			7,500			
65	9,200	7,600	6,400		8,600	7,800			7,500	7,800		
70	8,900	7,400	6,300	5,500	8,600	7,600	6,400		7,500	7,600		
75	8,600	7,100	6,100	5,400	8,600	7,400	6,300		7,500	7,500		
80	8,300	6,900	5,900	5,300	8,600	7,200	6,100	5,400	7,500	7,300	6,300	
85	8,000	6,700	5,800	5,200	8,400	7,000	6,000	5,300	7,500	7,200	6,100	
90	7,700	6,500	5,700	5,100	8,200	6,800	5,900	5,200	7,500	7,000	6,000	5,300
95	7,400	6,300	5,500	5,000	7,900	6,700	5,700	5,100	7,500	6,900	5,900	5,200
100	7,200	6,100	5,400	5,000	7,700	6,500	5,600	5,100	7,500	6,700	5,800	5,200
105	6,900	5,900	5,300	4,900	7,500	6,300	5,500	5,000	7,500	6,600	5,700	5,100
110	6,700	5,800	5,200	4,900	7,300	6,200	5,400	5,000	7,500	6,500	5,600	5,100
115	6,400	5,600	5,100	4,800	7,100	6,000	5,300	4,900	6,900	6,300	5,500	5,000
120	6,200	5,500	5,000	4,800	6,900	5,900	5,200	4,900	6,200	6,200	5,400	5,000
125	6,000	5,400	4,900	4,700	6,700	5,800	5,200	4,800	5,500	6,100	5,400	4,900
130	5,800	5,200	4,800	4,700	6,200	5,600	5,100	4,800	4,900	5,600	5,300	4,900
135	5,600	5,100	4,800	4,700	5,600	5,500	5,000	4,700	4,400	5,100	5,200	4,800
140	5,500	5,000	4,700		5,100	5,400	4,900	4,700	3,900	4,500	5,000	4,800
145	5,300	4,900	4,700		4,700	5,100	4,900	4,700	3,400	4,000	4,500	4,700
150	5,100	4,800	4,700		4,200	4,600	4,800	4,700	3,000	3,500	4,000	4,300
155	4,800	4,700			3,800	4,200	4,400	4,500	2,600	3,100	3,500	3,800
160	4,500	4,500			3,500	3,800	4,000		2,200	2,700	3,100	3,300
165					3,100	3,400	3,600		1,900	2,300	2,700	2,800
170					2,800	3,000	3,200		1,500	2,000	2,300	2,400
175					2,500	2,700	2,800		1,200	1,600	1,900	2,000
180					2,200	2,400			900	1,300	1,500	
185					2,000	2,000				900	1,100	

Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.0	38.5	38.0	37.5
Max Rad.	162.2	161.5	158.1	152.4	188.3	187.4	183.8	177.7	180.8	185.8	189.2	188.5
Capacity	3,300	3,300	3,400	3,700	900	900	900	1,000	0	0	0	0

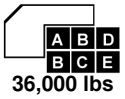
1101100

Not for crane operations

Rated Lifting Capacities In Pounds


Full

58ft Offset Fly



36,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	38.3				50.0				74.3			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
15	16,600				16,300							
20	14,700				14,900							
25	13,000				13,600				13,500			
30	11,600	9,600			12,400	9,900			12,700			
35	10,500	8,800			11,300	9,200			12,000			
40	9,500	8,200	7,200		10,300	8,600			11,400	9,100		
45	8,700	7,600	6,700		9,500	8,000	6,900		10,700	8,600		
50	8,100	7,100	6,300	5,700	8,800	7,600	6,600		10,100	8,200	6,900	
55	7,500	6,700	6,000	5,500	8,200	7,100	6,200	5,600	9,500	7,800	6,600	
60	6,900	6,300	5,700	5,200	7,700	6,700	5,900	5,400	8,900	7,400	6,300	5,600
65	6,500	5,900	5,400	5,100	7,200	6,300	5,700	5,200	8,400	7,100	6,100	5,400
70	6,000	5,600	5,200	4,900	6,700	6,000	5,500	5,100	8,000	6,800	5,900	5,300
75	5,700	5,300	5,000	4,800	6,300	5,700	5,300	4,900	7,500	6,500	5,700	5,200
80	5,300	5,100	4,900	4,800	6,000	5,500	5,100	4,900	7,200	6,200	5,500	5,100
85	5,000	4,900	4,800		5,600	5,300	5,000	4,800	6,800	6,000	5,300	5,000
90					5,300	5,100	4,800		6,500	5,700	5,200	4,900
95					5,100	4,900	4,700		6,200	5,500	5,100	4,800
100					4,900	4,800			5,900	5,300	5,000	4,800
105									5,600	5,200	4,900	4,800
110									5,400	5,000	4,800	
115									5,200	4,900	4,700	
120									5,000	4,800		
125									4,800			

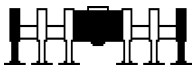
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	89.4	89.2	87.3	84.0	101.0	100.7	98.5	94.5	125.4	124.8	122.0	117.1
Capacity	4,800	4,900	4,800	4,800	4,800	4,800	4,700	4,800	4,800	4,800	4,700	4,800

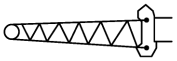
1101110

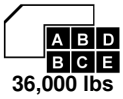
For sales us

Not for crane operations

Rated Lifting Capacities In Pounds


Full


58ft Offset Fly



36,000 lbs

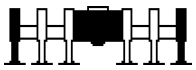
Radius (ft)	Boom Length (ft)											
	Fly Offset											
	99.5				125.5				152.4			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
30	12,300											
35	11,800				10,800							
40	11,400				10,800							
45	11,000	8,900			10,700				9,200			
50	10,600	8,600			10,500	8,700			9,200			
55	10,200	8,200	6,800		10,200	8,400			9,200			
60	9,800	7,900	6,600		9,900	8,200			9,200	8,300		
65	9,300	7,600	6,400	5,600	9,600	7,900	6,600		9,200	8,100		
70	8,900	7,300	6,200	5,400	9,400	7,700	6,400		9,200	7,900		
75	8,500	7,000	6,000	5,300	9,100	7,400	6,200	5,400	9,200	7,600	6,400	
80	8,100	6,800	5,800	5,200	8,800	7,200	6,100	5,300	9,000	7,500	6,300	5,400
85	7,800	6,500	5,700	5,100	8,500	7,000	5,900	5,300	8,800	7,300	6,100	5,400
90	7,500	6,300	5,500	5,000	8,200	6,800	5,800	5,200	8,600	7,100	6,000	5,300
95	7,100	6,100	5,400	5,000	7,900	6,600	5,700	5,100	8,400	6,900	5,900	5,200
100	6,900	5,900	5,300	4,900	7,600	6,400	5,600	5,000	8,200	6,700	5,800	5,100
105	6,600	5,700	5,200	4,900	7,400	6,200	5,400	5,000	7,900	6,600	5,700	5,100
110	6,300	5,600	5,100	4,800	7,100	6,100	5,300	4,900	7,400	6,400	5,600	5,000
115	6,100	5,400	5,000	4,800	6,900	5,900	5,200	4,900	6,700	6,300	5,500	5,000
120	5,900	5,300	4,900	4,700	6,700	5,700	5,200	4,800	6,000	6,100	5,400	4,900
125	5,700	5,200	4,800	4,700	6,400	5,600	5,100	4,800	5,300	6,000	5,300	4,900
130	5,500	5,000	4,800		6,000	5,500	5,000	4,700	4,700	5,400	5,200	4,800
135	5,300	4,900	4,700		5,500	5,400	4,900	4,700	4,200	4,800	5,100	4,800
140	5,100	4,800	4,700		5,000	5,300	4,800	4,700	3,700	4,300	4,800	4,700
145	5,000	4,700			4,500	4,900	4,800	4,700	3,200	3,800	4,300	4,500
150	4,800				4,100	4,400	4,700		2,800	3,300	3,700	4,000
155					3,700	4,000	4,200		2,400	2,900	3,300	3,500
160					3,300	3,600	3,700		2,000	2,500	2,800	3,000
165					3,000	3,200	3,300		1,700	2,100	2,400	2,500
170					2,700	2,800			1,300	1,700	2,000	
175					2,400				1,000	1,400	1,600	
180										1,000	1,200	

Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33.0	33.5	34.0	33.5
Max Rad.	150.5	149.8	146.7	141.1	176.6	175.7	172.3	166.3	177.5	182.5	184.4	183.1
Capacity	3,900	4,000	4,100	4,400	1,300	1,300	1,400	1,500	0	0	0	0

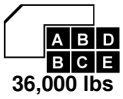
1101110

For Sale
Not for crane operations

Rated Lifting Capacities In Pounds


Full

58ft Offset Fly



36,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	38.3				50.0				62.1			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
15	16,600				16,300							
20	14,700				14,900				14,800			
25	13,000				13,600				13,800			
30	11,600	9,600			12,400	9,900			12,800			
35	10,500	8,800			11,300	9,200			11,900	9,500		
40	9,500	8,200	7,200		10,300	8,600			11,000	8,900		
45	8,700	7,600	6,700		9,500	8,000	6,900		10,200	8,400	7,100	
50	8,100	7,100	6,300	5,700	8,800	7,600	6,600		9,500	7,900	6,700	
55	7,500	6,700	6,000	5,500	8,200	7,100	6,200	5,600	8,900	7,500	6,400	5,700
60	6,900	6,300	5,700	5,200	7,700	6,700	5,900	5,400	8,400	7,100	6,200	5,500
65	6,500	5,900	5,400	5,100	7,200	6,300	5,700	5,200	7,900	6,700	5,900	5,300
70	6,000	5,600	5,200	4,900	6,700	6,000	5,500	5,100	7,400	6,400	5,700	5,200
75	5,700	5,300	5,000	4,800	6,300	5,700	5,300	4,900	7,000	6,100	5,500	5,100
80	5,300	5,100	4,900	4,800	6,000	5,500	5,100	4,900	6,600	5,900	5,300	5,000
85	5,000	4,900	4,800		5,600	5,300	5,000	4,800	6,200	5,600	5,200	4,900
90					5,300	5,100	4,800		5,900	5,400	5,000	4,800
95					5,100	4,900	4,700		5,600	5,200	4,900	4,800
100					4,900	4,800			5,400	5,100	4,800	
105									5,100	4,900	4,700	
110									4,900	4,800		

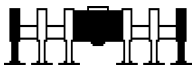
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	89.4	89.2	87.3	84.0	101.0	100.7	98.5	94.5	113.2	112.7	110.2	105.7
Capacity	4,800	4,900	4,800	4,800	4,800	4,800	4,700	4,800	4,800	4,800	4,700	4,800

1101120

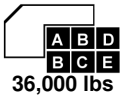
For sales us

Not for crane operations

Rated Lifting Capacities In Pounds


Full

58ft Offset Fly



36,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	87.3				113.4				140.3			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
25	13,600											
30	12,900				12,500							
35	12,300				12,100							
40	11,700	9,400			11,700				11,000			
45	11,200	8,900			11,300	9,200			11,000			
50	10,600	8,500			10,900	8,800			10,800			
55	10,100	8,100	6,700		10,500	8,500			10,500	8,700		
60	9,500	7,700	6,500		10,200	8,100	6,700		10,300	8,400		
65	9,000	7,400	6,300	5,500	9,800	7,900	6,500		10,000	8,100		
70	8,600	7,100	6,100	5,400	9,400	7,600	6,300	5,500	9,700	7,900	6,500	
75	8,100	6,800	5,900	5,200	9,000	7,300	6,200	5,400	9,500	7,700	6,400	
80	7,700	6,500	5,700	5,100	8,600	7,100	6,000	5,300	9,200	7,400	6,200	5,400
85	7,400	6,300	5,500	5,000	8,300	6,800	5,800	5,200	8,900	7,200	6,100	5,300
90	7,000	6,100	5,400	5,000	8,000	6,600	5,700	5,100	8,600	7,000	5,900	5,200
95	6,700	5,900	5,300	4,900	7,600	6,400	5,600	5,000	8,400	6,800	5,800	5,200
100	6,400	5,700	5,100	4,800	7,300	6,200	5,400	5,000	8,100	6,700	5,700	5,100
105	6,200	5,500	5,000	4,800	7,100	6,000	5,300	4,900	7,800	6,500	5,600	5,000
110	5,900	5,300	4,900	4,800	6,800	5,900	5,200	4,900	7,300	6,300	5,500	5,000
115	5,700	5,200	4,900	4,700	6,600	5,700	5,100	4,800	6,600	6,100	5,400	4,900
120	5,500	5,100	4,800		6,300	5,600	5,100	4,800	5,900	6,000	5,300	4,900
125	5,300	4,900	4,700		6,100	5,400	5,000	4,700	5,200	5,900	5,200	4,800
130	5,100	4,800			5,900	5,300	4,900	4,700	4,600	5,300	5,100	4,800
135	4,900	4,700			5,400	5,200	4,800	4,700	4,100	4,700	5,100	4,800
140					4,900	5,100	4,800		3,600	4,200	4,600	4,700
145					4,500	4,800	4,700		3,100	3,700	4,100	4,300
150					4,100	4,300	4,500		2,700	3,200	3,600	3,800
155					3,700	3,900			2,300	2,800	3,100	3,200
160					3,300	3,400			2,000	2,300	2,600	
165									1,600	2,000	2,200	
170									1,200	1,600	1,800	
175									900	1,200	1,300	

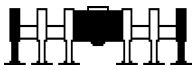
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.5	27.0	27.5	28.5
Max Rad.	138.4	137.7	134.8	129.5	164.4	163.6	160.3	154.5	175.8	179.4	180.0	176.0
Capacity	4,800	4,700	4,700	4,700	1,900	2,000	2,100	2,200	0	0	0	0

1101120

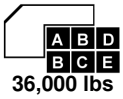
For S

Not for crane operations

Rated Lifting Capacities In Pounds


Full

74ft Offset Fly



36,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	38.3				61.7				86.0			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
20	9,600											
25	8,700				8,900							
30	7,900	7,100			8,300				8,200			
35	7,200	6,500			7,800				7,800			
40	6,600	6,000			7,200	6,300			7,500			
45	6,100	5,500	5,200		6,800	5,900			7,100	6,100		
50	5,600	5,200	4,800		6,300	5,600	5,100		6,800	5,900		
55	5,200	4,800	4,500	4,300	6,000	5,300	4,800		6,400	5,600		
60	4,900	4,500	4,200	4,100	5,600	5,000	4,600	4,300	6,100	5,300	4,800	
65	4,500	4,200	4,000	3,800	5,300	4,700	4,300	4,100	5,800	5,100	4,600	
70	4,200	4,000	3,800	3,600	5,000	4,500	4,100	3,900	5,500	4,900	4,400	4,100
75	4,000	3,700	3,600	3,500	4,700	4,300	3,900	3,700	5,300	4,700	4,200	3,900
80	3,800	3,500	3,400	3,300	4,500	4,100	3,800	3,600	5,000	4,500	4,100	3,800
85	3,500	3,400	3,200	3,200	4,200	3,900	3,600	3,500	4,800	4,300	3,900	3,700
90	3,400	3,200	3,100	3,100	4,000	3,700	3,500	3,300	4,600	4,100	3,800	3,600
95	3,200	3,100	3,000		3,800	3,500	3,300	3,200	4,400	3,900	3,600	3,400
100	3,100	3,000			3,600	3,400	3,200	3,100	4,200	3,800	3,500	3,300
105	3,000				3,500	3,300	3,100	3,100	4,000	3,700	3,400	3,300
110					3,300	3,100	3,000	3,000	3,900	3,500	3,300	3,200
115					3,200	3,000	3,000		3,700	3,400	3,200	3,100
120					3,100	3,000	2,900		3,600	3,300	3,100	3,100
125					3,000	2,900			3,500	3,200	3,000	3,000
130									3,300	3,100	3,000	
135									3,200	3,000	2,900	
140									3,100	3,000	2,900	
145									3,000	2,900		
150									3,000	2,900		

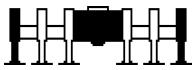
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	105.4	105.0	102.7	98.5	128.7	128.2	125.3	120.3	153.0	152.3	149.1	143.5
Capacity	3,000	3,000	2,900	3,000	3,000	2,900	2,900	3,000	3,000	2,900	2,900	3,000

1101130

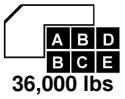
For sales us

Not for crane operations

Rated Lifting Capacities In Pounds


Full

74ft Offset Fly



36,000 lbs

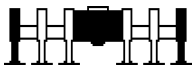
Radius (ft)	Boom Length (ft)											
	Fly Offset											
	111.2				137.2				164.1			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
35	7,000											
40	7,000				6,000							
45	7,000				6,000							
50	6,900				6,000				5,300			
55	6,700	5,700			6,000				5,300			
60	6,400	5,500			6,000	5,600			5,300			
65	6,200	5,300	4,700		6,000	5,400			5,300			
70	5,900	5,100	4,600		6,000	5,300			5,300	5,300		
75	5,700	4,900	4,400	4,000	5,900	5,100	4,500		5,300	5,200		
80	5,500	4,800	4,300	3,900	5,800	5,000	4,400	4,000	5,300	5,100		
85	5,300	4,600	4,100	3,800	5,600	4,800	4,300	3,900	5,300	5,000	4,400	
90	5,100	4,400	4,000	3,700	5,400	4,700	4,200	3,800	5,300	4,800	4,300	3,900
95	4,900	4,300	3,900	3,600	5,200	4,500	4,000	3,700	5,300	4,700	4,200	3,800
100	4,700	4,100	3,800	3,500	5,100	4,400	3,900	3,600	5,300	4,600	4,100	3,800
105	4,500	4,000	3,600	3,400	4,900	4,300	3,800	3,600	5,200	4,500	4,000	3,700
110	4,400	3,900	3,500	3,400	4,800	4,100	3,700	3,500	5,100	4,400	3,900	3,600
115	4,200	3,700	3,400	3,300	4,600	4,000	3,600	3,400	4,900	4,200	3,800	3,500
120	4,100	3,600	3,400	3,200	4,500	3,900	3,600	3,300	4,800	4,100	3,700	3,500
125	3,900	3,500	3,300	3,100	4,300	3,800	3,500	3,300	4,700	4,000	3,600	3,400
130	3,800	3,400	3,200	3,100	4,200	3,700	3,400	3,200	4,500	4,000	3,600	3,300
135	3,700	3,300	3,100	3,000	4,100	3,600	3,300	3,200	4,300	3,900	3,500	3,300
140	3,600	3,200	3,100	3,000	4,000	3,500	3,200	3,100	3,800	3,800	3,400	3,200
145	3,400	3,200	3,000	3,000	3,800	3,400	3,200	3,100	3,300	3,700	3,400	3,200
150	3,300	3,100	3,000		3,700	3,400	3,100	3,000	2,900	3,500	3,300	3,100
155	3,200	3,000	2,900		3,600	3,300	3,100	3,000	2,500	3,000	3,200	3,100
160	3,200	3,000	2,900		3,300	3,200	3,000	3,000	2,100	2,600	3,000	3,100
165	3,100	2,900	2,900		3,000	3,100	3,000	2,900	1,700	2,200	2,600	2,800
170	3,000	2,900			2,600	2,900	2,900	2,900	1,400	1,900	2,200	2,400
175	3,000	2,900			2,300	2,600	2,800		1,000	1,500	1,900	2,000
180					2,000	2,300	2,400			1,100	1,500	1,600
185					1,800	2,000	2,100				1,100	1,200
190					1,500	1,700	1,800					
195					1,200	1,400						

Min Angle	0.0	0.0	0.0	0.0	17.0	19.5	25.5	18.0	45.0	46.0	46.0	46.0
Max Rad.	178.2	177.4	173.9	167.9	200.0	200.0	195.0	189.0	177.5	184.2	188.1	189.4
Capacity	2,100	2,200	2,200	2,400	0	0	0	0	0	0	0	0

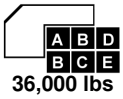
1101130

Not for crane operations

Rated Lifting Capacities In Pounds


Full

74ft Offset Fly



36,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	38.3				50.0				74.3			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
20	9,600				9,800							
25	8,700				8,900				9,100			
30	7,900	7,100			8,200				8,500			
35	7,200	6,500			7,600	6,700			8,000			
40	6,600	6,000			7,000	6,200			7,500	6,500		
45	6,100	5,500	5,200		6,500	5,800			7,100	6,100		
50	5,600	5,200	4,800		6,000	5,400	5,000		6,700	5,800		
55	5,200	4,800	4,500	4,300	5,600	5,100	4,700		6,300	5,500	4,900	
60	4,900	4,500	4,200	4,100	5,300	4,800	4,400	4,200	6,000	5,200	4,700	
65	4,500	4,200	4,000	3,800	4,900	4,500	4,200	4,000	5,600	5,000	4,500	4,200
70	4,200	4,000	3,800	3,600	4,600	4,200	4,000	3,800	5,300	4,700	4,300	4,000
75	4,000	3,700	3,600	3,500	4,400	4,000	3,800	3,600	5,100	4,500	4,100	3,800
80	3,800	3,500	3,400	3,300	4,100	3,800	3,600	3,500	4,800	4,300	3,900	3,700
85	3,500	3,400	3,200	3,200	3,900	3,600	3,400	3,300	4,600	4,100	3,800	3,600
90	3,400	3,200	3,100	3,100	3,700	3,500	3,300	3,200	4,400	3,900	3,600	3,500
95	3,200	3,100	3,000		3,500	3,300	3,200	3,100	4,100	3,800	3,500	3,400
100	3,100	3,000			3,400	3,200	3,100	3,000	4,000	3,600	3,400	3,300
105	3,000				3,200	3,100	3,000		3,800	3,500	3,300	3,200
110					3,100	3,000	2,900		3,600	3,400	3,200	3,100
115					3,000	2,900			3,500	3,200	3,100	3,000
120									3,400	3,100	3,000	
125									3,200	3,000	3,000	
130									3,100	3,000	2,900	
135									3,000	2,900		
140									3,000	2,900		

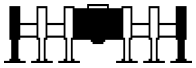
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	105.4	105.0	102.7	98.5	117.0	116.6	114.0	109.3	141.4	140.7	137.7	132.3
Capacity	3,000	3,000	2,900	3,000	3,000	2,900	2,900	3,000	3,000	2,900	2,900	3,000

1101140

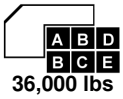
For sales us

Not for crane operations

Rated Lifting Capacities In Pounds


Full

74ft Offset Fly



36,000 lbs

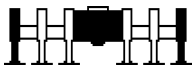
Radius (ft)	Boom Length (ft)											
	Fly Offset											
	99.5				125.5				152.4			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
30	8,500											
35	8,100											
40	7,800				7,500							
45	7,400				7,500							
50	7,100	6,000			7,200				6,500			
55	6,800	5,800			7,000	5,900			6,500			
60	6,400	5,500	4,900		6,700	5,700			6,500			
65	6,200	5,300	4,700		6,500	5,500			6,500	5,600		
70	5,900	5,100	4,500	4,100	6,300	5,300	4,700		6,400	5,500		
75	5,600	4,900	4,400	4,000	6,000	5,100	4,500	4,100	6,200	5,300	4,700	
80	5,400	4,700	4,200	3,900	5,800	5,000	4,400	4,000	6,100	5,200	4,500	
85	5,100	4,500	4,000	3,800	5,600	4,800	4,300	3,900	5,900	5,000	4,400	4,000
90	4,900	4,300	3,900	3,700	5,400	4,600	4,100	3,800	5,700	4,900	4,300	3,900
95	4,700	4,200	3,800	3,600	5,200	4,500	4,000	3,700	5,500	4,700	4,200	3,800
100	4,500	4,000	3,700	3,500	5,000	4,300	3,900	3,600	5,400	4,600	4,100	3,700
105	4,300	3,900	3,600	3,400	4,800	4,200	3,800	3,500	5,200	4,500	4,000	3,600
110	4,200	3,700	3,400	3,300	4,700	4,100	3,700	3,400	5,000	4,300	3,900	3,600
115	4,000	3,600	3,400	3,200	4,500	3,900	3,600	3,400	4,900	4,200	3,800	3,500
120	3,900	3,500	3,300	3,100	4,300	3,800	3,500	3,300	4,700	4,100	3,700	3,400
125	3,700	3,400	3,200	3,100	4,200	3,700	3,400	3,200	4,600	4,000	3,600	3,400
130	3,600	3,300	3,100	3,000	4,100	3,600	3,300	3,200	4,500	3,900	3,500	3,300
135	3,500	3,200	3,000	3,000	3,900	3,500	3,200	3,100	4,100	3,800	3,400	3,200
140	3,400	3,100	3,000		3,800	3,400	3,200	3,100	3,600	3,700	3,400	3,200
145	3,300	3,000	2,900		3,700	3,300	3,100	3,000	3,100	3,600	3,300	3,100
150	3,200	3,000	2,900		3,600	3,200	3,100	3,000	2,700	3,300	3,200	3,100
155	3,100	2,900	2,900		3,500	3,200	3,000	3,000	2,300	2,900	3,200	3,100
160	3,000	2,900			3,200	3,100	3,000	3,000	1,900	2,400	2,800	3,000
165	3,000	2,900			2,900	3,000	2,900		1,600	2,100	2,400	2,600
170					2,500	2,800	2,900		1,200	1,700	2,000	2,200
175					2,200	2,500	2,600			1,300	1,600	1,800
180					2,000	2,100	2,200			900	1,200	1,300
185					1,700	1,800					900	

Min Angle	0.0	0.0	0.0	0.0	13.5	16.5	23.5	15.0	42.0	42.5	42.0	42.5
Max Rad.	166.5	165.7	162.4	156.5	190.0	190.0	185.0	177.3	174.4	180.8	185.6	185.6
Capacity	2,700	2,700	2,900	3,000	0	0	0	0	0	0	0	0

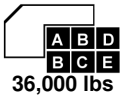
1101140

Not for crane operations

Rated Lifting Capacities In Pounds


Full

74ft Offset Fly



36,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	38.3				50.0				62.1			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
20	9,600				9,800							
25	8,700				8,900				9,100			
30	7,900				8,200				8,500			
35	7,200	6,500			7,600	6,700			7,900			
40	6,600	6,000			7,000	6,200			7,300	6,400		
45	6,100	5,500	5,200		6,500	5,800			6,900	6,000		
50	5,600	5,200	4,800		6,000	5,400	5,000		6,400	5,600	5,100	
55	5,200	4,800	4,500	4,300	5,600	5,100	4,700		6,000	5,300	4,800	
60	4,900	4,500	4,200	4,100	5,300	4,800	4,400	4,200	5,600	5,000	4,600	4,300
65	4,500	4,200	4,000	3,800	4,900	4,500	4,200	4,000	5,300	4,800	4,400	4,100
70	4,200	4,000	3,800	3,600	4,600	4,200	4,000	3,800	5,000	4,500	4,200	3,900
75	4,000	3,700	3,600	3,500	4,400	4,000	3,800	3,600	4,700	4,300	4,000	3,700
80	3,800	3,500	3,400	3,300	4,100	3,800	3,600	3,500	4,500	4,100	3,800	3,600
85	3,500	3,400	3,200	3,200	3,900	3,600	3,400	3,300	4,200	3,900	3,600	3,500
90	3,400	3,200	3,100	3,100	3,700	3,500	3,300	3,200	4,000	3,700	3,500	3,300
95	3,200	3,100	3,000		3,500	3,300	3,200	3,100	3,800	3,600	3,400	3,200
100	3,100	3,000			3,400	3,200	3,100	3,000	3,700	3,400	3,200	3,200
105	3,000				3,200	3,100	3,000		3,500	3,300	3,100	3,100
110					3,100	3,000	2,900		3,400	3,200	3,000	
115					3,000	2,900			3,200	3,000	3,000	
120									3,100	3,000	2,900	
125									3,000	2,900		

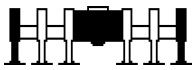
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	105.4	105.0	102.7	98.5	117.0	116.6	114.0	109.3	129.2	128.6	125.8	120.8
Capacity	3,000	3,000	2,900	3,000	3,000	2,900	2,900	3,000	3,000	2,900	2,900	3,000

1101150

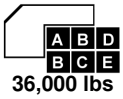
For sales us

Not for crane operations

Rated Lifting Capacities In Pounds


Full

74ft Offset Fly



36,000 lbs

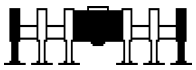
Radius (ft)	Boom Length (ft)											
	Fly Offset											
	87.3				113.4				140.3			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
30	8,700											
35	8,300				8,400							
40	7,800				8,000							
45	7,400	6,300			7,700				7,700			
50	7,000	6,000			7,400	6,200			7,500			
55	6,600	5,700	5,100		7,000	5,900			7,200			
60	6,300	5,400	4,800		6,700	5,700			7,000	5,900		
65	6,000	5,200	4,600	4,200	6,500	5,500	4,800		6,700	5,700		
70	5,700	4,900	4,400	4,100	6,200	5,300	4,600		6,500	5,500		
75	5,400	4,700	4,300	3,900	5,900	5,100	4,500	4,100	6,300	5,300	4,600	
80	5,100	4,500	4,100	3,800	5,700	4,900	4,300	4,000	6,100	5,100	4,500	4,100
85	4,900	4,300	3,900	3,700	5,400	4,700	4,200	3,900	5,900	5,000	4,400	4,000
90	4,700	4,200	3,800	3,600	5,200	4,500	4,000	3,700	5,700	4,800	4,200	3,900
95	4,500	4,000	3,700	3,500	5,000	4,400	3,900	3,600	5,500	4,700	4,100	3,800
100	4,300	3,800	3,500	3,400	4,800	4,200	3,800	3,500	5,300	4,500	4,000	3,700
105	4,100	3,700	3,400	3,300	4,600	4,100	3,700	3,500	5,100	4,400	3,900	3,600
110	3,900	3,600	3,300	3,200	4,500	3,900	3,600	3,400	4,900	4,200	3,800	3,500
115	3,800	3,400	3,200	3,100	4,300	3,800	3,500	3,300	4,800	4,100	3,700	3,400
120	3,600	3,300	3,100	3,100	4,100	3,700	3,400	3,200	4,600	4,000	3,600	3,400
125	3,500	3,200	3,100	3,000	4,000	3,600	3,300	3,200	4,500	3,900	3,500	3,300
130	3,400	3,100	3,000		3,900	3,500	3,200	3,100	4,300	3,800	3,400	3,300
135	3,300	3,000	2,900		3,700	3,400	3,200	3,100	4,100	3,700	3,400	3,200
140	3,200	3,000	2,900		3,600	3,300	3,100	3,000	3,600	3,600	3,300	3,100
145	3,100	2,900			3,500	3,200	3,000	3,000	3,100	3,500	3,200	3,100
150	3,000	2,900			3,400	3,100	3,000	3,000	2,700	3,200	3,200	3,100
155					3,300	3,100	2,900		2,300	2,800	3,100	3,000
160					3,200	3,000	2,900		1,900	2,400	2,700	2,900
165					2,900	2,900	2,900		1,500	2,000	2,300	2,400
170					2,600	2,800			1,100	1,600	1,900	2,000
175					2,300	2,400				1,200	1,500	
180					2,000						1,100	

Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.0	37.5	37.0	37.0
Max Rad.	154.4	153.6	150.4	144.8	180.4	179.6	176.1	170.0	174.2	179.4	183.1	182.5
Capacity	3,000	2,900	2,900	3,000	900	900	1,000	1,100	0	0	0	0

1101150

Not for crane operations

Rated Lifting Capacities In Pounds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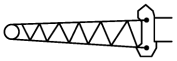
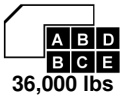

90ft Offset Fly



36,000 lbs

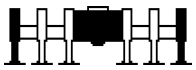
Radius (ft)	Boom Length (ft)											
	Fly Offset											
	38.3				61.7				86.0			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
20	8,300											
25	7,500											
30	6,800				6,900							
35	6,100	5,800			6,500				6,300			
40	5,600	5,300			6,000				6,100			
45	5,100	4,900			5,600	5,100			5,800			
50	4,700	4,500	4,300		5,200	4,800			5,500	5,000		
55	4,300	4,100	4,000		4,900	4,500	4,200		5,200	4,700		
60	4,000	3,800	3,700	3,600	4,600	4,200	4,000		4,900	4,500		
65	3,700	3,500	3,400	3,400	4,300	4,000	3,700	3,600	4,700	4,200	3,900	
70	3,400	3,300	3,200	3,200	4,000	3,700	3,500	3,400	4,400	4,000	3,800	3,600
75	3,200	3,100	3,000	3,000	3,800	3,500	3,300	3,200	4,200	3,800	3,600	3,400
80	2,900	2,800	2,800	2,800	3,500	3,300	3,100	3,000	4,000	3,600	3,400	3,200
85	2,700	2,700	2,600	2,600	3,300	3,100	3,000	2,900	3,800	3,500	3,200	3,100
90	2,600	2,500	2,400	2,400	3,100	2,900	2,800	2,700	3,600	3,300	3,100	3,000
95	2,400	2,300	2,300	2,300	2,900	2,800	2,700	2,600	3,400	3,100	2,900	2,800
100	2,200	2,200	2,200	2,200	2,800	2,600	2,500	2,500	3,200	3,000	2,800	2,700
105	2,100	2,100	2,000		2,600	2,500	2,400	2,400	3,100	2,800	2,700	2,600
110	2,000	1,900	1,900		2,500	2,300	2,300	2,200	2,900	2,700	2,600	2,500
115	1,900	1,800			2,300	2,200	2,200	2,200	2,800	2,600	2,500	2,400
120	1,800	1,800			2,200	2,100	2,100	2,100	2,600	2,500	2,400	2,300
125					2,100	2,000	2,000		2,500	2,400	2,300	2,200
130					2,000	1,900	1,900		2,400	2,300	2,200	2,100
135					1,900	1,800	1,800		2,300	2,200	2,100	2,100
140					1,800	1,800			2,200	2,100	2,000	2,000
145									2,100	2,000	1,900	
150									2,000	1,900	1,900	
155									1,900	1,900	1,800	
160									1,900	1,800		
165									1,800	1,800		

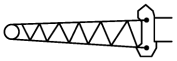
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	121.4	120.8	118.2	113.4	144.7	144.1	141.0	135.6	169.0	168.3	164.9	159.0
Capacity	1,700	1,800	1,800	2,000	1,700	1,800	1,800	1,900	1,700	1,800	1,800	1,900

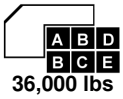
1101160

Not for crane operations

Rated Lifting Capacities In Pounds


Full


90ft Offset Fly



36,000 lbs

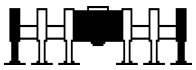
Radius (ft)	Boom Length (ft)											
	Fly Offset											
	111.2				137.2				164.1			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
40	5,200											
45	5,200				4,500							
50	5,200				4,500							
55	5,200	4,800			4,500							
60	5,100	4,600			4,500				4,000			
65	4,900	4,400			4,500	4,500			4,000			
70	4,700	4,200	3,900		4,500	4,300			4,000			
75	4,500	4,100	3,700		4,500	4,200			4,000			
80	4,300	3,900	3,600	3,400	4,500	4,100	3,700		4,000	4,100		
85	4,200	3,700	3,400	3,300	4,400	3,900	3,600		4,000	4,000		
90	4,000	3,600	3,300	3,100	4,200	3,800	3,500	3,300	4,000	3,900		
95	3,800	3,400	3,200	3,000	4,100	3,600	3,400	3,200	4,000	3,800	3,500	
100	3,600	3,300	3,000	2,900	3,900	3,500	3,200	3,100	4,000	3,700	3,400	3,200
105	3,500	3,200	2,900	2,800	3,800	3,400	3,100	3,000	4,000	3,600	3,300	3,100
110	3,300	3,000	2,800	2,700	3,700	3,300	3,000	2,900	3,900	3,500	3,200	3,000
115	3,200	2,900	2,700	2,600	3,500	3,200	2,900	2,800	3,800	3,400	3,100	2,900
120	3,000	2,800	2,600	2,500	3,400	3,000	2,800	2,700	3,700	3,300	3,000	2,800
125	2,900	2,700	2,500	2,400	3,300	2,900	2,700	2,600	3,600	3,200	2,900	2,700
130	2,800	2,600	2,400	2,400	3,200	2,800	2,600	2,500	3,400	3,100	2,800	2,700
135	2,700	2,500	2,300	2,300	3,000	2,700	2,600	2,500	3,300	3,000	2,700	2,600
140	2,600	2,400	2,300	2,200	2,900	2,600	2,500	2,400	3,200	2,900	2,700	2,500
145	2,500	2,300	2,200	2,100	2,800	2,600	2,400	2,300	3,100	2,800	2,600	2,500
150	2,400	2,200	2,100	2,100	2,700	2,500	2,300	2,300	2,900	2,700	2,500	2,400
155	2,300	2,100	2,000	2,000	2,600	2,400	2,200	2,200	2,400	2,600	2,400	2,300
160	2,200	2,000	2,000	2,000	2,500	2,300	2,200	2,100	2,100	2,500	2,400	2,300
165	2,100	2,000	1,900		2,400	2,200	2,100	2,100	1,700	2,200	2,300	2,200
170	2,000	1,900	1,900		2,300	2,200	2,100	2,000	1,300	1,900	2,200	2,200
175	2,000	1,900	1,800		2,300	2,100	2,000	2,000	1,000	1,500	1,900	2,100
180	1,900	1,800	1,800		2,000	2,000	2,000	2,000		1,200	1,500	1,800
185	1,800	1,800			1,700	2,000	1,900	1,900			1,200	1,300
190	1,800	1,800			1,400	1,700	1,900					1,000
195					1,200	1,400	1,600					
200					900	1,100	1,200					
205						900	900					

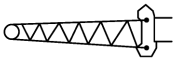
Min Angle	0.0	0.0	0.0	0.0	29.5	29.5	30.5	29.5	50.0	51.0	51.0	51.0
Max Rad.	194.2	193.3	189.7	183.5	201.3	205.8	205.8	203.1	176.9	184.4	189.4	191.9
Capacity	1,300	1,300	1,300	1,400	0	0	0	0	0	0	0	0

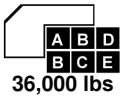
1101160

Not for crane operations

Rated Lifting Capacities In Pounds


Full


90ft Offset Fly



36,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	38.3				50.0				74.3			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
20	8,300											
25	7,500				7,600							
30	6,800				6,900				7,000			
35	6,100	5,800			6,400				6,600			
40	5,600	5,300			5,900	5,400			6,200			
45	5,100	4,900			5,400	5,000			5,800	5,300		
50	4,700	4,500	4,300		5,000	4,700	4,400		5,500	5,000		
55	4,300	4,100	4,000		4,700	4,300	4,100		5,200	4,700		
60	4,000	3,800	3,700	3,600	4,300	4,000	3,900	3,700	4,800	4,400	4,100	
65	3,700	3,500	3,400	3,400	4,000	3,800	3,600	3,500	4,600	4,200	3,900	
70	3,400	3,300	3,200	3,200	3,700	3,500	3,400	3,300	4,300	3,900	3,700	3,500
75	3,200	3,100	3,000	3,000	3,500	3,300	3,200	3,100	4,000	3,700	3,500	3,300
80	2,900	2,800	2,800	2,800	3,200	3,100	3,000	2,900	3,800	3,500	3,300	3,200
85	2,700	2,700	2,600	2,600	3,000	2,900	2,800	2,800	3,600	3,300	3,100	3,000
90	2,600	2,500	2,400	2,400	2,800	2,700	2,600	2,600	3,400	3,100	3,000	2,900
95	2,400	2,300	2,300	2,300	2,700	2,600	2,500	2,500	3,200	3,000	2,800	2,700
100	2,200	2,200	2,200	2,200	2,500	2,400	2,400	2,300	3,000	2,800	2,700	2,600
105	2,100	2,100	2,000		2,400	2,300	2,200	2,200	2,900	2,700	2,600	2,500
110	2,000	1,900	1,900		2,200	2,100	2,100	2,100	2,700	2,500	2,400	2,400
115	1,900	1,800			2,100	2,000	2,000		2,600	2,400	2,300	2,300
120	1,800	1,800			2,000	1,900	1,900		2,400	2,300	2,200	2,200
125					1,900	1,800			2,300	2,200	2,100	2,100
130					1,800	1,800			2,200	2,100	2,000	2,000
135									2,100	2,000	2,000	
140									2,000	1,900	1,900	
145									1,900	1,900	1,800	
150									1,900	1,800		
155									1,800	1,800		

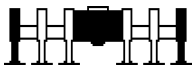
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	121.4	120.8	118.2	113.4	133.0	132.4	129.5	124.4	157.4	156.6	153.4	147.7
Capacity	1,700	1,800	1,800	2,000	1,700	1,800	1,800	1,900	1,700	1,800	1,800	1,900

1101170

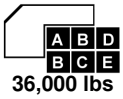
For sales us

Not for crane operations

Rated Lifting Capacities In Pounds


Full

90ft Offset Fly



36,000 lbs

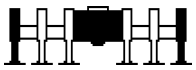
Radius (ft)	Boom Length (ft)											
	Fly Offset											
	99.5				125.5				152.4			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
35	6,500											
40	6,300											
45	6,000				5,600							
50	5,700	5,100			5,600				4,900			
55	5,500	4,900			5,600				4,900			
60	5,200	4,700			5,400	4,800			4,900			
65	5,000	4,400	4,100		5,200	4,600			4,900			
70	4,700	4,200	3,900		5,000	4,400			4,900	4,500		
75	4,500	4,000	3,700	3,500	4,800	4,200	3,900		4,900	4,400		
80	4,300	3,800	3,500	3,300	4,600	4,100	3,700	3,500	4,800	4,200	3,800	
85	4,100	3,700	3,400	3,200	4,400	3,900	3,600	3,400	4,600	4,100	3,700	
90	3,900	3,500	3,200	3,100	4,200	3,800	3,400	3,200	4,500	4,000	3,600	3,400
95	3,700	3,300	3,100	3,000	4,100	3,600	3,300	3,100	4,300	3,800	3,500	3,200
100	3,500	3,200	3,000	2,800	3,900	3,500	3,200	3,000	4,200	3,700	3,400	3,100
105	3,300	3,000	2,800	2,700	3,700	3,300	3,100	2,900	4,000	3,600	3,200	3,000
110	3,200	2,900	2,700	2,600	3,600	3,200	3,000	2,800	3,900	3,400	3,100	3,000
115	3,000	2,800	2,600	2,500	3,400	3,100	2,800	2,700	3,800	3,300	3,000	2,900
120	2,900	2,700	2,500	2,400	3,300	3,000	2,700	2,600	3,600	3,200	2,900	2,800
125	2,800	2,500	2,400	2,300	3,200	2,800	2,600	2,500	3,500	3,100	2,900	2,700
130	2,600	2,400	2,300	2,300	3,000	2,700	2,600	2,500	3,400	3,000	2,800	2,600
135	2,500	2,300	2,200	2,200	2,900	2,600	2,500	2,400	3,300	2,900	2,700	2,500
140	2,400	2,200	2,200	2,100	2,800	2,500	2,400	2,300	3,100	2,800	2,600	2,500
145	2,300	2,200	2,100	2,100	2,700	2,400	2,300	2,200	3,000	2,700	2,500	2,400
150	2,200	2,100	2,000	2,000	2,600	2,400	2,200	2,200	2,700	2,600	2,400	2,300
155	2,100	2,000	1,900		2,500	2,300	2,200	2,100	2,300	2,500	2,400	2,300
160	2,000	1,900	1,900		2,400	2,200	2,100	2,100	2,000	2,500	2,300	2,200
165	2,000	1,900	1,800		2,300	2,100	2,000	2,000	1,600	2,100	2,200	2,200
170	1,900	1,800	1,800		2,200	2,100	2,000	2,000	1,200	1,700	2,100	2,100
175	1,800	1,800			2,100	2,000	1,900			1,400	1,700	1,900
180	1,800	1,700			1,900	1,900	1,900			1,000	1,400	1,500
185					1,700	1,900	1,800				1,000	1,100
190					1,400	1,600	1,700					
195					1,100	1,300	1,400					
200					900	1,000						

Min Angle	0.0	0.0	0.0	0.0	20.0	21.0	24.0	22.0	47.0	47.5	48.0	48.0
Max Rad.	182.5	181.7	178.2	172.1	200.8	202.5	200.0	193.3	174.4	182.5	186.9	188.1
Capacity	1,700	1,700	1,800	1,900	0	0	0	0	0	0	0	0

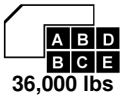
1101170

Not for crane operations

Rated Lifting Capacities In Pounds


Full

90ft Offset Fly



36,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	38.3				50.0				62.1			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
20	8,300											
25	7,500				7,600				7,600			
30	6,800				6,900				7,100			
35	6,100	5,800			6,400				6,600			
40	5,600	5,300			5,900	5,400			6,100	5,600		
45	5,100	4,900			5,400	5,000			5,700	5,200		
50	4,700	4,500	4,300		5,000	4,700	4,400		5,300	4,800		
55	4,300	4,100	4,000		4,700	4,300	4,100		4,900	4,500	4,300	
60	4,000	3,800	3,700	3,600	4,300	4,000	3,900	3,700	4,600	4,200	4,000	
65	3,700	3,500	3,400	3,400	4,000	3,800	3,600	3,500	4,300	4,000	3,800	3,600
70	3,400	3,300	3,200	3,200	3,700	3,500	3,400	3,300	4,000	3,700	3,500	3,400
75	3,200	3,100	3,000	3,000	3,500	3,300	3,200	3,100	3,800	3,500	3,300	3,200
80	2,900	2,800	2,800	2,800	3,200	3,100	3,000	2,900	3,500	3,300	3,200	3,100
85	2,700	2,700	2,600	2,600	3,000	2,900	2,800	2,800	3,300	3,100	3,000	2,900
90	2,600	2,500	2,400	2,400	2,800	2,700	2,600	2,600	3,100	2,900	2,800	2,700
95	2,400	2,300	2,300	2,300	2,700	2,600	2,500	2,500	2,900	2,800	2,700	2,600
100	2,200	2,200	2,200	2,200	2,500	2,400	2,400	2,300	2,800	2,600	2,500	2,500
105	2,100	2,100	2,000		2,400	2,300	2,200	2,200	2,600	2,500	2,400	2,400
110	2,000	1,900	1,900		2,200	2,100	2,100	2,100	2,500	2,400	2,300	2,300
115	1,900	1,800			2,100	2,000	2,000		2,300	2,200	2,200	2,200
120	1,800	1,800			2,000	1,900	1,900		2,200	2,100	2,100	2,100
125					1,900	1,800			2,100	2,000	2,000	
130					1,800	1,800			2,000	1,900	1,900	
135									1,900	1,900	1,800	
140									1,800	1,800		
145									1,700			

Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	121.4	120.8	118.2	113.4	133.0	132.4	129.5	124.4	145.2	144.5	141.4	136.0
Capacity	1,700	1,800	1,800	2,000	1,700	1,800	1,800	1,900	1,700	1,800	1,800	1,900

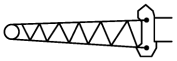
1101180

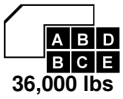
For sales us

Not for crane operations

Rated Lifting Capacities In Pounds

Full


90ft Offset Fly



36,000 lbs

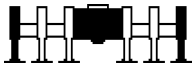
Radius (ft)	Boom Length (ft)											
	Fly Offset											
	87.3				113.4				140.3			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
35	6,800											
40	6,400				6,500							
45	6,100				6,200							
50	5,700	5,100			5,900				5,800			
55	5,400	4,800			5,700	5,000			5,800			
60	5,100	4,600	4,200		5,400	4,800			5,600			
65	4,800	4,300	4,000		5,200	4,600			5,400	4,800		
70	4,600	4,100	3,800	3,600	5,000	4,400	4,000		5,200	4,600		
75	4,300	3,900	3,600	3,400	4,700	4,200	3,800		5,000	4,400	4,000	
80	4,100	3,700	3,400	3,300	4,500	4,000	3,700	3,400	4,800	4,200	3,800	
85	3,900	3,500	3,300	3,100	4,300	3,800	3,500	3,300	4,600	4,100	3,700	3,400
90	3,700	3,300	3,100	3,000	4,100	3,700	3,400	3,200	4,500	3,900	3,600	3,300
95	3,500	3,200	3,000	2,900	3,900	3,500	3,200	3,100	4,300	3,800	3,400	3,200
100	3,300	3,000	2,800	2,700	3,700	3,400	3,100	2,900	4,100	3,600	3,300	3,100
105	3,100	2,900	2,700	2,600	3,600	3,200	3,000	2,800	4,000	3,500	3,200	3,000
110	3,000	2,700	2,600	2,500	3,400	3,100	2,900	2,700	3,800	3,400	3,100	2,900
115	2,800	2,600	2,500	2,400	3,300	3,000	2,800	2,600	3,700	3,200	3,000	2,800
120	2,700	2,500	2,400	2,300	3,100	2,800	2,600	2,500	3,500	3,100	2,900	2,700
125	2,600	2,400	2,300	2,200	3,000	2,700	2,600	2,500	3,400	3,000	2,800	2,600
130	2,400	2,300	2,200	2,200	2,900	2,600	2,500	2,400	3,200	2,900	2,700	2,600
135	2,300	2,200	2,100	2,100	2,700	2,500	2,400	2,300	3,100	2,800	2,600	2,500
140	2,200	2,100	2,000	2,000	2,600	2,400	2,300	2,200	3,000	2,700	2,500	2,400
145	2,100	2,000	2,000		2,500	2,300	2,200	2,200	2,900	2,600	2,400	2,300
150	2,000	1,900	1,900		2,400	2,200	2,100	2,100	2,700	2,500	2,400	2,300
155	1,900	1,900	1,800		2,300	2,200	2,100	2,000	2,300	2,400	2,300	2,200
160	1,900	1,800			2,200	2,100	2,000	2,000	1,900	2,400	2,200	2,200
165	1,800	1,800			2,100	2,000	1,900		1,500	2,100	2,200	2,100
170	1,700				2,100	1,900	1,900		1,200	1,700	2,100	2,100
175					2,000	1,900	1,800			1,300	1,700	1,800
180					1,900	1,800	1,800			1,000	1,300	1,400
185					1,700	1,800					900	
190					1,500	1,600						

Min Angle	0.0	0.0	0.0	0.0	11.5	8.5	11.5	22.0	43.0	43.0	43.5	43.5
Max Rad.	170.4	169.6	166.2	160.3	195.0	194.9	189.7	181.1	174.4	181.9	185.6	186.5
Capacity	1,700	1,800	1,800	1,900	0	0	0	0	0	0	0	0

1101180

Not for crane operations

Rated Lifting Capacities In Pounds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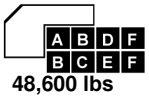


48,600 lbs

Radius (ft)	Boom Length (ft) Extend Mode										
	38.3	50.0	50.5	60.0	61.7	62.1	63.0	73.8	74.3	74.7	75.0
	ALL	EM1,2,3,4,5	EM6	EM2	EM1, EM4	EM3, EM5	EM6	EM4	EM2	EM5	EM1
7	220,000	*									
8	200,000	*									
9	175,900										
10	166,700	86,000	160,300	90,200	58,400	90,400	137,600				
12	150,600	80,400	146,900	85,000	54,200	85,400	137,600	55,600	59,800	88,300	55,500
15	130,100	73,000	130,500	78,200	49,000	78,700	124,700	50,900	54,200	82,400	50,900
20	102,200	63,600	105,000	68,900	42,000	69,700	105,900	44,700	46,800	74,100	44,800
25	79,400	56,300	82,200	61,800	36,700	62,600	83,200	39,800	41,000	67,400	40,000
30	63,800	50,800	66,800	56,000	32,700	56,900	67,800	35,800	36,400	61,800	36,000
35		46,300	55,700	51,500	29,400	52,200	56,700	32,500	32,800	57,100	32,700
40		42,900	47,200	47,700	26,700	48,500	48,300	29,800	29,700	49,800	29,900
45				42,500	24,400	42,800	41,700	27,500	26,800	43,300	27,300
50				36,400	22,600	36,700	35,500	25,500	24,200	37,200	25,100
55						27,500	30,500	23,800	22,100	32,100	23,300
60								22,100	20,400	28,100	21,700
65								20,800	18,800	24,700	20,300
Unpinned			106,000				106,400				
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	31.3	43.0	43.5	53.0	54.7	55.1	56.0	66.8	67.3	67.7	68.0
Capacity	33,100	24,700	23,800	19,700	19,400	18,800	17,400	15,200	14,700	14,200	14,900

1110070

**** Boom Centered Over Rear Only***

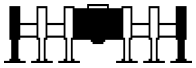
For sales use only

Radius (ft)	Boom Length (ft) Extend Mode										
	75.0	76.1	85.0	86.0	86.4	87.3	87.8	89.5	99.4	99.5	100.0
	EM3	EM6	EM2	EM1	EM4	EM3	EM5	EM6	EM4	EM2	EM1
12	88,300	120,400									
15	82,400	120,400	55,500	45,500	52,800	64,900	82,000	91,500			
20	74,100	105,600	48,600	39,600	47,000	56,200	77,000	91,500	48,600	47,500	41,100
25	67,400	83,000	43,200	34,900	42,400	49,500	70,800	82,200	44,400	42,200	36,900
30	61,900	67,700	38,800	31,100	38,600	44,000	65,500	66,900	40,800	37,800	33,100
35	57,200	56,700	35,200	28,000	35,400	39,600	57,900	55,900	37,700	34,000	30,200
40	49,800	48,200	32,100	25,400	32,500	35,900	49,500	47,600	35,000	31,000	27,600
45	43,300	41,700	29,500	23,200	30,200	32,800	43,000	41,000	32,500	28,400	25,400
50	37,200	35,500	27,200	21,300	28,200	30,100	36,800	34,700	30,500	26,100	23,600
55	32,100	30,500	25,000	19,700	26,500	27,800	31,800	29,800	28,700	24,100	21,900
60	28,100	26,500	23,100	18,200	24,900	25,800	27,800	25,800	27,100	22,400	20,500
65	24,700	23,100	21,400	17,000	23,500	23,800	24,500	22,500	25,500	20,900	19,200
70			20,000	15,800	22,200	22,100	21,700	19,700	22,700	19,500	18,000
75			18,700	14,700	20,600	19,900	19,300	17,400	20,300	18,300	16,900
80						16,900	17,300	15,400	18,200	17,300	16,000
85									16,500	16,200	15,000
90									15,000	15,200	14,200
Unpinned		106,300						91,500			
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	68.0	69.1	78.0	79.0	79.4	80.3	80.8	82.5	92.4	92.5	93.0
Capacity	14,100	12,400	11,900	12,300	11,900	10,900	10,300	8,100	8,800	8,900	9,500

1110070

Not for crane operations

Rated Lifting Capacities In Pounds



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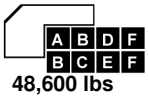


48,600 lbs

Radius (ft)	Boom Length (ft) Extend Mode									
	100.0		110.0	111.2	113.4	114.6	115.0	125.0		125.5
	EM3	EM5	EM2	EM1	EM3	EM5	EM4	EM1	EM3	EM2
20	58,300	65,800	43,400	36,400	45,300	50,400	43,900			
25	52,000	65,800	43,400	36,400	45,300	50,400	43,900	29,900	38,700	33,300
30	46,800	65,800	39,500	33,700	44,200	50,400	42,300	29,900	38,700	33,300
35	42,500	57,200	35,900	31,000	40,000	46,200	39,400	29,900	38,700	33,300
40	38,800	48,700	32,700	28,500	36,300	41,700	36,900	29,800	38,200	32,700
45	35,700	42,300	30,100	26,200	33,100	37,800	34,700	27,900	35,100	30,100
50	32,900	36,000	27,900	24,100	30,500	34,500	32,400	26,000	32,300	27,800
55	30,600	31,100	25,900	22,300	28,100	30,300	30,700	24,200	30,000	25,700
60	28,100	27,100	24,200	20,800	26,100	26,300	27,800	22,600	27,200	23,900
65	24,800	23,800	22,600	19,400	24,300	23,000	24,400	21,200	23,900	22,300
70	22,000	21,000	21,200	18,100	21,700	20,300	21,700	19,900	21,100	20,800
75	19,600	18,600	20,000	16,900	19,400	18,000	19,400	18,700	18,800	19,500
80	17,600	16,600	18,200	15,900	17,400	16,000	17,300	17,700	16,800	17,900
85	15,900	14,900	16,400	15,000	15,700	14,300	15,700	16,600	15,200	16,100
90	14,300	13,400	14,900	14,200	14,200	12,800	14,100	15,500	13,600	14,700
95			13,600	13,400	12,800	11,400	12,700	14,200	12,300	13,300
100			12,400	12,700	11,600	10,200	11,500	12,900	11,100	12,100
105					10,500	9,100	10,500	11,800	10,000	11,000
110								10,900	9,000	10,000
115								10,000	8,100	9,100
Unpinned										
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	93.0	93.0	103.0	104.2	106.4	107.6	108.0	118.0	118.0	118.5
Capacity	8,100	7,100	7,000	7,700	5,700	4,200	5,500	5,600	3,700	4,700

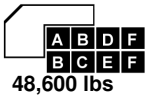
1110070

For sales use only

Not for crane operations

Rated Lifting Capacities In Pounds

Full



48,600 lbs

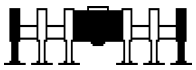
Radius (ft)	Boom Length (ft) Extend Mode						
	126.3 EM4	137.2 EM1	140.0 EM2	140.3 EM3	150.0 EM1	152.4 EM2	164.1 EM1
25	37,700	25,400					
30	37,700	25,400	28,300	30,800	22,500	24,400	
35	37,700	25,400	28,300	30,800	22,500	24,400	19,600
40	37,300	25,400	28,300	30,800	22,500	24,400	19,600
45	35,300	25,400	28,300	30,800	22,500	24,400	19,600
50	33,000	25,400	28,300	29,500	22,500	24,400	19,600
55	30,600	24,600	27,400	27,300	22,500	24,400	19,600
60	27,200	22,900	25,600	25,200	22,500	23,700	19,600
65	23,900	21,400	24,000	23,200	22,500	22,100	19,600
70	21,100	20,000	21,500	20,500	21,400	20,600	19,600
75	18,800	18,700	19,200	18,200	19,800	18,600	18,900
80	16,800	17,600	17,200	16,200	17,800	16,600	17,200
85	15,200	16,500	15,500	14,600	16,100	15,100	15,600
90	13,600	15,300	14,000	13,100	14,700	13,500	14,100
95	12,300	13,900	12,700	11,700	13,300	12,200	12,800
100	11,000	12,700	11,500	10,500	12,100	11,000	11,600
105	10,000	11,600	10,400	9,400	11,000	9,900	10,500
110	9,000	10,600	9,400	8,500	10,100	9,000	9,500
115	8,100	9,700	8,500	7,600	9,200	8,100	8,600
120		8,900	7,700	6,800	8,400	7,300	7,800
125		8,200	7,000	6,100	7,600	6,600	7,100
130		6,500	6,300	5,400	6,900	5,900	6,400
135					6,300	5,300	5,800
140					5,800	4,700	5,200
145						3,700	4,700
150							4,200
155							3,800
Unpinned							
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	119.3	130.2	133.0	133.3	143.0	145.4	157.1
Capacity	3,600	4,100	2,600	1,600	2,400	1,100	800

1110070

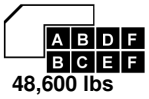
For sales use only

Not for crane operations

Rated Lifting Capacities In Pounds


Full

10ft Offset Fly
0°- 45° Offset



48,600 lbs

Radius (ft)	Boom Length (ft) Extend Mode 38.3 ALL	50.0 EM1,2,3,4,5	50.5 EM6	60.0 EM2	61.7 EM1, EM4	62.1 EM3, EM5	63.0 EM6	73.8 EM4	74.3 EM2	74.7 EM5	75.0 EM1
10	42,100	42,900	42,900	47,700	47,700	47,700	47,700				
12	41,100	42,100	42,100	42,600	38,900	42,600	42,800	46,400	47,600	47,600	47,600
15	39,400	40,900	40,900	41,500	35,400	41,600	41,700	36,400	41,800	42,000	42,300
20	36,400	38,400	38,600	39,700	31,200	39,900	40,200	32,500	38,700	40,700	32,600
25	34,400	34,400	36,300	36,900	27,500	37,300	38,000	29,100	34,400	38,800	29,200
30	33,400	31,600	34,400	34,100	24,600	34,400	36,200	26,300	30,600	36,500	26,400
35	32,500	29,000	34,000	31,400	22,200	31,800	34,600	24,000	27,600	34,200	24,100
40	32,500	26,800	32,900	29,200	20,300	29,600	34,400	22,100	25,000	31,900	22,200
45		25,200	32,400	27,300	18,600	27,700	33,400	20,400	22,900	30,000	20,600
50		24,000	32,400	25,800	17,300	26,200	32,700	19,000	21,100	28,400	19,100
55				24,600	16,300	24,900	31,400	17,800	19,500	26,900	17,900
60				23,700	15,300	24,000	27,400	16,900	17,900	25,700	17,100
65						20,600	24,100	16,000	16,700	24,700	16,100
70								15,200	15,500	22,300	15,300
75								14,600	14,400	20,000	14,600
Unpinned			42,900				47,700				
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	41.4	53.1	53.5	63.1	64.7	65.2	66.1	76.9	77.4	77.8	78.1
Capacity	26,300	20,300	19,600	16,400	14,700	15,800	14,600	12,900	12,500	12,000	12,600

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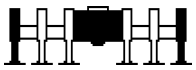
Radius (ft)	Boom Length (ft) Extend Mode 75.0 EM3	76.1 EM6	85.0 EM2	86.0 EM1	86.4 EM4	87.3 EM3	87.8 EM5	89.5 EM6	99.4 EM4	99.5 EM2	100.0 EM1
12	47,600	47,600									
15	42,000	42,200	46,100	41,700	40,200	46,300	46,600	47,200			
20	40,700	40,900	39,600	32,700	33,700	40,800	41,000	41,300	34,500	38,500	32,800
25	38,800	39,200	35,300	29,700	30,500	39,300	39,600	40,100	31,600	35,600	30,300
30	36,500	37,500	32,000	27,000	27,800	37,800	38,100	38,500	29,100	32,400	28,000
35	34,200	36,000	29,000	24,300	25,600	34,900	35,900	37,100	27,000	29,800	25,700
40	32,000	34,800	26,600	22,000	23,700	31,900	34,000	35,900	25,100	27,600	23,600
45	30,000	34,400	24,500	20,100	22,100	29,100	32,000	34,800	23,500	25,600	21,700
50	28,400	33,800	22,700	18,500	20,600	26,800	30,300	34,400	22,000	23,700	20,100
55	27,000	30,900	21,100	17,200	19,400	24,800	28,900	29,900	20,800	21,900	18,700
60	25,800	26,900	19,700	16,000	18,300	23,000	27,600	25,900	19,700	20,300	17,400
65	24,800	23,600	18,400	14,900	17,300	21,400	24,500	22,600	18,700	18,900	16,400
70	22,300	20,900	17,200	13,900	16,600	20,000	21,700	19,900	17,800	17,600	15,400
75	20,000	18,600	16,100	13,000	15,800	18,700	19,400	17,600	17,000	16,500	14,500
80			15,100	12,200	15,200	17,400	17,400	15,700	16,300	15,500	13,700
85			14,300	11,400	14,600	16,200	15,800	14,000	15,700	14,600	12,900
90						13,300	14,300	12,500	14,900	13,800	12,300
95									13,500	13,000	11,600
100									12,400	12,300	11,000
Unpinned		47,600						47,200			
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	78.1	79.1	88.1	89.0	89.5	90.4	90.8	92.6	102.5	102.5	103.1
Capacity	11,900	10,400	10,000	10,400	10,000	9,200	8,600	6,600	7,200	7,400	7,900

1111010

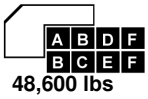
Sales use only

Not for crane operations

Rated Lifting Capacities In Pounds


Full

10ft Offset Fly
0°- 45° Offset



48,600 lbs

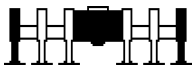
Radius (ft)	Boom Length (ft)									
	Extend Mode									
	100.0		110.0	111.2	113.4	114.6	115.0	125.0		125.5
	EM3	EM5	EM2	EM1	EM3	EM5	EM4	EM1	EM3	EM2
20	40,800	41,100	32,700	27,200	35,500	39,500	32,900			
25	39,500	39,900	32,700	27,200	35,500	39,500	32,400	23,600	30,400	26,600
30	38,200	38,600	32,700	27,200	35,500	38,600	30,100	23,600	30,400	26,600
35	36,700	37,300	30,400	26,300	35,500	37,500	28,100	23,600	30,400	26,600
40	33,800	35,200	28,300	24,300	33,600	36,300	26,300	23,600	30,400	26,600
45	31,100	33,500	26,400	22,500	30,800	34,500	24,800	23,400	30,400	26,600
50	28,800	31,900	24,800	20,900	28,300	33,000	23,400	21,900	29,700	25,300
55	26,800	30,400	23,200	19,600	26,100	30,000	22,100	20,600	27,600	24,000
60	25,000	26,900	21,600	18,300	24,200	26,000	21,000	19,400	25,700	22,300
65	23,400	23,600	20,200	17,200	22,500	22,700	20,000	18,300	23,500	20,700
70	21,800	20,800	18,900	16,200	21,000	20,000	19,100	17,300	20,700	19,300
75	19,500	18,500	17,800	15,300	19,100	17,700	18,300	16,300	18,400	18,100
80	17,500	16,500	16,700	14,500	17,100	15,700	17,000	15,500	16,400	16,900
85	15,800	14,900	15,800	13,600	15,400	14,100	15,400	14,800	14,800	15,800
90	14,300	13,400	14,700	12,800	13,900	12,600	13,900	14,100	13,300	14,300
95	13,000	12,100	13,400	12,100	12,600	11,300	12,500	13,400	12,000	12,900
100	11,800	10,900	12,200	11,400	11,400	10,100	11,300	12,500	10,800	11,700
105			11,100	10,800	10,300	9,100	10,300	11,500	9,700	10,700
110			10,200	10,300	9,400	8,100	9,300	10,500	8,800	9,700
115					8,500	7,300	8,500	9,600	7,900	8,800
120								8,900	7,100	8,100
125								8,200	6,500	7,400
Unpinned										
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	103.1	103.1	113.1	114.2	116.4	117.7	118.1	128.1	128.1	128.6
Capacity	6,600	5,700	5,600	6,300	4,400	3,000	4,200	4,300	2,600	3,500

1111010

For sales use only

Not for crane operations

Rated Lifting Capacities In Pounds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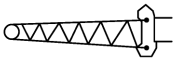
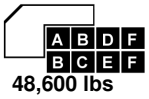

10ft Offset Fly
0°- 45° Offset



48,600 lbs

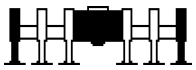
Radius (ft)	Boom Length (ft) Extend Mode 126.3 EM4	137.2 EM1	140.0 EM2	140.3 EM3	150.0 EM1	152.4 EM2	164.1 EM1
25	29,000	20,500					
30	29,000	20,500	23,100	25,400	18,500		
35	28,400	20,500	23,100	25,400	18,500	20,400	15,900
40	26,800	20,500	23,100	25,400	18,500	20,400	15,900
45	25,300	20,500	23,100	25,400	18,500	20,400	15,900
50	23,900	20,500	23,100	25,400	18,500	20,400	15,900
55	22,700	20,500	23,100	25,400	18,500	20,400	15,900
60	21,600	20,000	23,100	23,900	18,500	20,400	15,900
65	20,700	19,000	22,100	22,200	18,500	20,400	15,900
70	19,800	18,000	20,800	20,000	18,500	19,500	15,900
75	18,400	16,900	18,600	17,700	17,800	18,100	15,900
80	16,400	16,100	16,600	15,700	16,600	16,100	15,900
85	14,800	15,300	15,100	14,100	15,600	14,500	15,000
90	13,300	14,400	13,500	12,600	14,100	13,000	13,500
95	11,900	13,400	12,200	11,300	12,800	11,700	12,200
100	10,800	12,200	11,000	10,100	11,600	10,500	11,000
105	9,700	11,100	10,000	9,100	10,500	9,400	9,900
110	8,700	10,200	9,000	8,100	9,500	8,500	8,900
115	7,900	9,300	8,100	7,300	8,700	7,600	8,100
120	7,100	8,500	7,300	6,500	7,900	6,800	7,300
125	6,400	7,800	6,600	5,800	7,200	6,100	6,600
130		7,100	6,000	5,100	6,500	5,500	5,900
135		6,500	5,400	4,500	5,900	4,900	5,300
140		4,700	4,900		5,300	4,300	4,800
145					4,800	3,800	4,200
150					4,400		3,800
155							3,300
160							2,900
Unpinned							
Min Angle	0.0	0.0	0.0	15.5	0.0	19.5	12.5
Max Rad.	129.4	140.3	143.1	140.0	153.1	150.0	165.0
Capacity	2,400	2,900	1,500	0	1,300	0	0

1111010

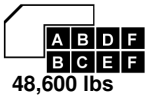
For safety use only

Not for crane operations

Rated Lifting Capacities In Pounds


Full

35ft Offset Fly



48,600 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	38.3				61.7				86.0			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
10	28,700											
12	26,800											
15	24,400				25,200							
20	21,100	16,900			23,000				21,300			
25	18,600	15,300	13,000		21,000	16,400			20,700			
30	16,700	14,000	12,100	10,800	19,200	15,400	12,800		19,700	15,800		
35	15,000	12,900	11,400	10,300	17,700	14,400	12,200		18,700	15,100		
40	13,600	12,000	10,800	9,900	16,500	13,600	11,600	10,400	17,700	14,400	12,100	
45	12,500	11,200	10,200	9,600	15,300	12,800	11,200	10,100	16,800	13,800	11,700	10,400
50	11,500	10,500	9,700	9,200	14,300	12,200	10,700	9,800	16,000	13,200	11,300	10,100
55	10,700	9,900	9,300	8,900	13,100	11,600	10,400	9,600	15,200	12,700	11,000	9,900
60	9,900	9,300	8,900		12,000	11,000	10,000	9,300	14,400	12,200	10,700	9,800
65	9,200	8,900			11,000	10,500	9,600	9,100	13,300	11,700	10,400	9,500
70					10,200	9,800	9,300	8,900	12,300	11,300	10,100	9,300
75					9,500	9,200	9,000		11,500	10,900	9,800	9,100
80					8,900	8,600	8,500		10,700	10,300	9,500	9,000
85					8,300	8,200			10,000	9,800	9,300	8,900
90									9,300	9,200	8,900	8,800
95									8,800	8,700	8,600	
100									8,200	8,200	8,100	
105									7,700	7,700	7,700	
110									7,300	7,300		

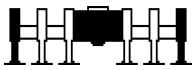
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	66.4	66.3	65.0	62.5	89.7	89.5	87.8	84.7	114.0	113.7	111.8	108.3
Capacity	9,000	8,900	8,900	8,900	7,900	8,000	8,100	8,500	7,000	7,000	7,300	7,700

1111070

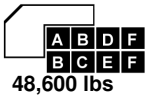
For sales us

Not for crane operations

Rated Lifting Capacities In Pounds


Full

35ft Offset Fly



48,600 lbs

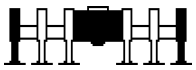
Radius (ft)	Boom Length (ft)											
	Fly Offset											
	111.2				137.2				164.1			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
25	16,200											
30	16,200											
35	16,200				13,200							
40	16,200	14,500			13,200				11,100			
45	16,200	14,100	12,000		13,200	13,700			11,100			
50	16,200	13,600	11,700	10,400	13,200	13,600			11,100			
55	15,800	13,200	11,400	10,200	13,200	13,300	11,600		11,100	11,600		
60	15,300	12,800	11,100	10,000	13,200	13,000	11,400	10,200	11,100	11,600		
65	14,800	12,500	10,900	9,900	13,200	12,700	11,200	10,100	11,100	11,600	11,300	
70	14,300	12,100	10,600	9,700	13,200	12,500	11,000	9,900	11,100	11,600	11,100	10,100
75	13,500	11,800	10,400	9,500	13,200	12,200	10,800	9,700	11,100	11,600	11,000	9,900
80	12,600	11,400	10,200	9,300	13,200	11,900	10,600	9,600	11,100	11,600	10,800	9,800
85	11,900	11,100	9,900	9,200	13,200	11,700	10,400	9,400	11,100	11,600	10,700	9,600
90	11,200	10,600	9,700	9,000	12,800	11,500	10,200	9,300	11,100	11,600	10,500	9,500
95	10,600	10,100	9,500	8,900	12,100	11,100	10,000	9,200	11,100	11,500	10,300	9,400
100	10,000	9,700	9,200	8,800	11,500	10,700	9,800	9,100	11,100	11,400	10,100	9,200
105	9,500	9,200	8,900	8,700	11,000	10,300	9,600	8,900	10,400	11,000	10,000	9,100
110	9,000	8,800	8,600	8,400	10,500	9,900	9,300	8,900	9,400	10,000	9,800	9,000
115	8,600	8,400	8,300		9,800	9,600	9,000	8,700	8,500	9,100	9,500	9,000
120	8,200	8,000	7,900		9,000	9,200	8,800	8,500	7,700	8,200	8,600	8,900
125	7,800	7,700	7,600		8,300	8,600	8,500	8,300	7,000	7,500	7,800	8,000
130	7,400	7,400			7,600	7,900	8,100	8,200	6,400	6,800	7,100	7,300
135	7,100	7,100			7,000	7,200	7,400	7,500	5,700	6,100	6,400	6,600
140					6,400	6,600	6,800		5,200	5,500	5,800	5,900
145					5,900	6,100	6,200		4,700	5,000	5,200	5,300
150					5,400	5,600	5,600		4,200	4,500	4,700	4,800
155					5,000	5,100			3,700	4,000	4,200	4,200
160					4,600	4,600			3,300	3,500	3,700	
165					3,000				2,900	3,100	3,300	
170									2,500	2,700	2,800	
175									2,100	2,300	2,300	
180									1,700	1,900		
185									1,400	1,500		

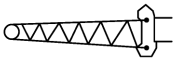
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.5	15.0	22.0	12.0
Max Rad.	139.2	138.8	136.7	132.9	165.3	164.8	162.6	158.6	190.0	190.0	185.0	183.6
Capacity	4,400	4,400	4,500	4,700	1,600	1,600	1,600	1,700	0	0	0	0

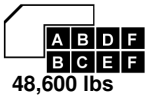
1111070

For sale
Not for crane operations

Rated Lifting Capacities In Pounds


Full


35ft Offset Fly



48,600 lbs

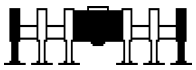
Radius (ft)	Boom Length (ft)											
	Fly Offset											
	38.3				50.0				74.3			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
10	28,700											
12	26,800				27,600							
15	24,400				25,500							
20	21,100	16,900			22,600	17,400			23,400			
25	18,600	15,300	13,000		20,200	16,000			21,700	16,900		
30	16,700	14,000	12,100	10,800	18,200	14,800	12,500		20,200	15,900		
35	15,000	12,900	11,400	10,300	16,700	13,800	11,800	10,500	18,800	15,000	12,500	
40	13,600	12,000	10,800	9,900	15,300	12,900	11,300	10,200	17,500	14,200	12,000	10,500
45	12,500	11,200	10,200	9,600	14,100	12,100	10,700	9,900	16,500	13,500	11,500	10,300
50	11,500	10,500	9,700	9,200	13,000	11,400	10,300	9,600	15,500	12,800	11,100	10,000
55	10,700	9,900	9,300	8,900	12,100	10,800	9,900	9,300	14,600	12,200	10,700	9,800
60	9,900	9,300	8,900		11,400	10,300	9,500	9,000	13,700	11,700	10,400	9,600
65	9,200	8,900			10,700	9,800	9,100	8,900	13,000	11,200	10,100	9,300
70					10,000	9,300	8,900		12,300	10,800	9,800	9,100
75					9,300	8,900			11,700	10,400	9,500	9,000
80									11,200	10,000	9,200	8,900
85									10,700	9,600	9,000	
90									10,100	9,300	8,800	
95									9,500	9,000	8,800	
100									9,000	8,800		

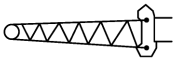
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	66.4	66.3	65.0	62.5	78.0	77.9	76.4	73.5	102.4	102.1	100.2	96.9
Capacity	9,000	8,900	8,900	8,900	9,000	8,900	8,900	8,900	8,700	8,800	8,800	8,800

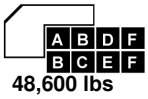
1111080

For sales us
Not for crane operations

Rated Lifting Capacities In Pounds


Full


35ft Offset Fly



48,600 lbs

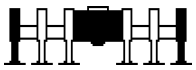
Radius (ft)	Boom Length (ft)											
	Fly Offset											
	99.5				125.5				152.4			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
25	21,100											
30	20,300				17,300							
35	19,400	15,500			17,300							
40	18,500	14,800	12,400		17,300	15,000			13,800			
45	17,600	14,200	12,000	10,500	17,300	14,500			13,800			
50	16,900	13,700	11,600	10,300	17,000	14,100	11,900		13,800	14,000		
55	16,100	13,200	11,300	10,100	16,500	13,700	11,600	10,300	13,800	13,700	11,800	
60	15,400	12,700	11,000	9,900	16,000	13,300	11,400	10,100	13,800	13,400	11,600	
65	14,700	12,300	10,700	9,800	15,500	12,900	11,100	10,000	13,800	13,100	11,400	10,200
70	14,100	11,900	10,500	9,500	15,100	12,600	10,900	9,900	13,800	12,900	11,200	10,000
75	13,500	11,500	10,200	9,300	14,600	12,200	10,700	9,700	13,800	12,600	11,000	9,900
80	12,900	11,100	10,000	9,200	14,100	11,900	10,500	9,500	13,800	12,300	10,800	9,800
85	12,400	10,800	9,700	9,000	13,700	11,600	10,300	9,300	13,800	12,100	10,600	9,600
90	11,900	10,500	9,500	8,900	13,200	11,300	10,100	9,200	13,700	11,900	10,500	9,500
95	11,500	10,200	9,200	8,800	12,800	11,100	9,800	9,100	12,300	11,600	10,300	9,300
100	11,100	9,900	9,100	8,800	12,400	10,800	9,600	9,000	11,100	11,400	10,100	9,200
105	10,500	9,600	8,900		11,400	10,600	9,400	8,900	10,100	10,700	9,900	9,100
110	9,900	9,300	8,800		10,400	10,300	9,300	8,800	9,100	9,700	9,700	9,000
115	9,400	9,100	8,800		9,500	9,900	9,100	8,800	8,200	8,700	9,200	8,900
120	8,900	8,900			8,700	9,100	9,000	8,700	7,400	7,900	8,300	8,500
125	8,400	8,400			8,000	8,300	8,500	8,600	6,700	7,200	7,500	7,700
130					7,300	7,600	7,800		6,100	6,500	6,800	6,900
135					6,700	6,900	7,100		5,400	5,800	6,100	6,200
140					6,200	6,300	6,400		4,900	5,200	5,400	5,600
145					5,600	5,800			4,400	4,700	4,900	4,900
150					5,200	5,300			3,900	4,200	4,300	
155									3,400	3,700	3,800	
160									3,000	3,200	3,300	
165									2,500	2,700	2,800	
170									2,100	2,300		
175									1,800			

Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.5	20.5	19.5	23.5
Max Rad.	127.5	127.2	125.1	121.4	153.6	153.1	151.0	147.1	179.8	175.0	175.0	170.0
Capacity	5,200	5,200	5,400	5,600	2,100	2,100	2,100	2,200	0	0	0	0

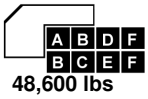
1111080

For sales use
Not for crane operations

Rated Lifting Capacities In Pounds


Full

35ft Offset Fly



48,600 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	38.3				50.0				62.1			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
10	28,700											
12	26,800				27,600							
15	24,400				25,500				26,000			
20	21,100	16,900			22,600	17,400			23,500			
25	18,600	15,300	13,000		20,200	16,000			21,400	16,600		
30	16,700	14,000	12,100	10,800	18,200	14,800	12,500		19,500	15,500	12,800	
35	15,000	12,900	11,400	10,300	16,700	13,800	11,800	10,500	17,900	14,500	12,200	10,700
40	13,600	12,000	10,800	9,900	15,300	12,900	11,300	10,200	16,700	13,600	11,700	10,400
45	12,500	11,200	10,200	9,600	14,100	12,100	10,700	9,900	15,500	12,900	11,200	10,100
50	11,500	10,500	9,700	9,200	13,000	11,400	10,300	9,600	14,400	12,200	10,700	9,800
55	10,700	9,900	9,300	8,900	12,100	10,800	9,900	9,300	13,500	11,600	10,400	9,600
60	9,900	9,300	8,900		11,400	10,300	9,500	9,000	12,600	11,100	10,000	9,300
65	9,200	8,900			10,700	9,800	9,100	8,900	11,900	10,600	9,700	9,100
70					10,000	9,300	8,900		11,200	10,200	9,300	8,900
75					9,300	8,900			10,700	9,700	9,100	
80									10,100	9,300	8,900	
85									9,500	9,000		
90									9,000			

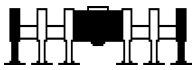
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	66.4	66.3	65.0	62.5	78.0	77.9	76.4	73.5	90.2	90.0	88.3	85.1
Capacity	9,000	8,900	8,900	8,900	9,000	8,900	8,900	8,900	9,000	9,000	8,800	8,900

1111090

For sales use only

Not for crane operations

Rated Lifting Capacities In Pounds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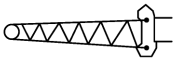
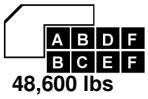

35ft Offset Fly



48,600 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	87.3				113.4				140.3			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
20	23,700											
25	22,300				20,900							
30	20,900	16,300			20,800							
35	19,700	15,500	12,700		19,900	15,800			17,300			
40	18,500	14,700	12,200		19,100	15,200			17,300			
45	17,400	14,000	11,800	10,400	18,300	14,700	12,200		17,300	14,800		
50	16,600	13,400	11,400	10,200	17,600	14,100	11,900	10,400	17,300	14,400	12,100	
55	15,600	12,800	11,100	10,000	16,900	13,600	11,600	10,200	17,000	14,000	11,900	
60	14,800	12,300	10,700	9,800	16,200	13,200	11,300	10,000	16,600	13,600	11,600	10,200
65	14,100	11,900	10,500	9,600	15,600	12,800	11,000	9,900	16,100	13,300	11,400	10,100
70	13,400	11,400	10,200	9,400	15,000	12,400	10,700	9,800	15,700	13,000	11,100	10,000
75	12,800	11,000	9,900	9,200	14,400	12,000	10,500	9,600	15,200	12,600	10,900	9,900
80	12,200	10,700	9,600	9,000	13,800	11,600	10,300	9,400	14,800	12,300	10,700	9,700
85	11,600	10,400	9,400	8,900	13,300	11,300	10,100	9,200	14,400	12,000	10,500	9,500
90	11,200	10,000	9,200	8,800	12,800	11,000	9,800	9,100	13,500	11,800	10,400	9,400
95	10,700	9,600	9,000		12,300	10,700	9,600	9,000	12,100	11,500	10,200	9,200
100	10,300	9,300	8,800		11,900	10,500	9,400	8,900	10,900	11,200	9,900	9,100
105	9,800	9,100	8,800		11,200	10,200	9,200	8,800	9,900	10,500	9,700	9,000
110	9,400	8,900			10,300	9,900	9,100	8,800	8,900	9,400	9,600	8,900
115	9,000				9,400	9,600	8,900		8,000	8,500	8,900	8,900
120					8,600	8,900	8,800		7,200	7,700	8,000	8,200
125					7,900	8,100	8,200		6,500	6,900	7,200	7,400
130					7,200	7,400	7,500		5,900	6,200	6,500	6,600
135					6,600	6,700			5,300	5,600	5,800	5,900
140					6,100				4,700	5,000	5,200	
145									4,200	4,400	4,600	
150									3,700	3,900	4,000	
155									3,200	3,400	3,500	
160									2,800	2,900		

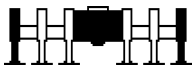
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.5	17.5	7.0	8.0
Max Rad.	115.4	115.1	113.1	109.6	141.4	141.0	138.9	135.1	165.0	165.0	164.7	159.8
Capacity	6,500	6,500	6,700	7,000	2,800	2,900	2,900	3,100	0	0	0	0

1111090

For sales use

Not for crane operations

Rated Lifting Capacities In Pounds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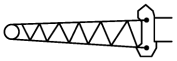
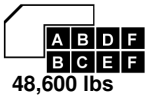

58ft Offset Fly



48,600 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	38.3				61.7				86.0			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
15	16,600											
20	14,700				14,300							
25	13,000				13,400				12,400			
30	11,600	9,600			12,500				11,900			
35	10,500	8,800			11,700	9,400			11,500			
40	9,500	8,200	7,200		10,900	8,800			11,000	9,100		
45	8,700	7,600	6,700		10,100	8,300			10,600	8,700		
50	8,100	7,100	6,300	5,700	9,400	7,900	6,700		10,100	8,300		
55	7,500	6,700	6,000	5,500	8,800	7,400	6,400		9,700	7,900	6,700	
60	6,900	6,300	5,700	5,200	8,300	7,100	6,100	5,500	9,200	7,600	6,400	
65	6,500	5,900	5,400	5,100	7,800	6,700	5,900	5,300	8,800	7,300	6,200	5,500
70	6,000	5,600	5,200	4,900	7,300	6,400	5,700	5,200	8,300	7,000	6,000	5,400
75	5,700	5,300	5,000	4,800	6,900	6,100	5,500	5,100	8,000	6,700	5,800	5,200
80	5,300	5,100	4,900	4,800	6,600	5,800	5,300	5,000	7,600	6,500	5,700	5,100
85	5,000	4,900	4,800		6,200	5,600	5,200	4,900	7,200	6,200	5,500	5,000
90					5,900	5,400	5,000	4,800	6,900	6,000	5,400	5,000
95					5,600	5,200	4,900	4,800	6,600	5,800	5,200	4,900
100					5,400	5,000	4,800		6,300	5,600	5,100	4,800
105					5,100	4,900	4,700		6,100	5,500	5,000	4,800
110					4,900	4,800			5,800	5,300	4,900	4,700
115									5,600	5,200	4,800	4,700
120									5,400	5,000	4,800	
125									5,200	4,900	4,700	
130									5,000	4,800		
135									4,900	4,700		

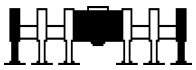
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	89.4	89.2	87.3	84.0	112.7	112.3	109.8	105.3	137.0	136.4	133.5	128.2
Capacity	4,800	4,900	4,800	4,800	4,800	4,800	4,700	4,800	4,800	4,700	4,700	4,700

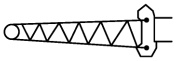
1111100

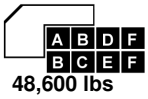
For sales us

Not for crane operations

Rated Lifting Capacities In Pounds


Full


58ft Offset Fly



48,600 lbs

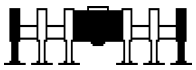
Radius (ft)	Boom Length (ft)											
	Fly Offset											
	111.2				137.2				164.1			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
30	10,100											
35	10,100											
40	10,100				8,600							
45	10,100				8,600							
50	10,000	8,500			8,600				7,500			
55	9,700	8,200			8,600	8,200			7,500			
60	9,500	7,900			8,600	8,000			7,500			
65	9,200	7,600	6,400		8,600	7,800			7,500	7,800		
70	8,900	7,400	6,300	5,500	8,600	7,600	6,400		7,500	7,600		
75	8,600	7,100	6,100	5,400	8,600	7,400	6,300		7,500	7,500		
80	8,300	6,900	5,900	5,300	8,600	7,200	6,100	5,400	7,500	7,300	6,300	
85	8,000	6,700	5,800	5,200	8,400	7,000	6,000	5,300	7,500	7,200	6,100	
90	7,700	6,500	5,700	5,100	8,200	6,800	5,900	5,200	7,500	7,000	6,000	5,300
95	7,400	6,300	5,500	5,000	7,900	6,700	5,700	5,100	7,500	6,900	5,900	5,200
100	7,200	6,100	5,400	5,000	7,700	6,500	5,600	5,100	7,500	6,700	5,800	5,200
105	6,900	5,900	5,300	4,900	7,500	6,300	5,500	5,000	7,500	6,600	5,700	5,100
110	6,700	5,800	5,200	4,900	7,300	6,200	5,400	5,000	7,500	6,500	5,600	5,100
115	6,400	5,600	5,100	4,800	7,100	6,000	5,300	4,900	7,500	6,300	5,500	5,000
120	6,200	5,500	5,000	4,800	6,900	5,900	5,200	4,900	7,300	6,200	5,400	5,000
125	6,000	5,400	4,900	4,700	6,700	5,800	5,200	4,800	7,200	6,100	5,400	4,900
130	5,800	5,200	4,800	4,700	6,500	5,600	5,100	4,800	6,900	6,000	5,300	4,900
135	5,600	5,100	4,800	4,700	6,300	5,500	5,000	4,700	6,200	5,900	5,200	4,800
140	5,500	5,000	4,700		6,100	5,400	4,900	4,700	5,700	5,700	5,100	4,800
145	5,300	4,900	4,700		6,000	5,300	4,900	4,700	5,100	5,600	5,100	4,700
150	5,100	4,800	4,700		5,800	5,200	4,800	4,700	4,700	5,200	5,000	4,700
155	5,000	4,700			5,400	5,100	4,700	4,700	4,200	4,700	4,900	4,700
160	4,900	4,700			5,000	5,000	4,700		3,800	4,200	4,600	4,700
165					4,600	4,900	4,700		3,400	3,800	4,100	4,300
170					4,200	4,500	4,600		3,000	3,400	3,700	3,800
175					3,900	4,100	4,200		2,600	3,000	3,300	3,400
180					3,600	3,700			2,200	2,600	2,900	2,900
185					3,300	3,400			1,900	2,200	2,500	
190									1,600	1,900	2,100	
195									1,300	1,500	1,700	
200									1,000	1,200	1,300	
205										900		

Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0	25.0	25.0	17.0
Max Rad.	162.2	161.5	158.1	152.4	188.3	187.4	183.8	177.7	202.5	205.8	205.6	199.9
Capacity	3,300	3,300	3,400	3,700	900	900	900	1,000	0	0	0	0

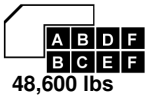
1111100

Not for crane operations

Rated Lifting Capacities In Pounds


Full

58ft Offset Fly



48,600 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	38.3				50.0				74.3			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
15	16,600				16,300							
20	14,700				14,900							
25	13,000				13,600				13,500			
30	11,600	9,600			12,400	9,900			12,700			
35	10,500	8,800			11,300	9,200			12,000			
40	9,500	8,200	7,200		10,300	8,600			11,400	9,100		
45	8,700	7,600	6,700		9,500	8,000	6,900		10,700	8,600		
50	8,100	7,100	6,300	5,700	8,800	7,600	6,600		10,100	8,200	6,900	
55	7,500	6,700	6,000	5,500	8,200	7,100	6,200	5,600	9,500	7,800	6,600	
60	6,900	6,300	5,700	5,200	7,700	6,700	5,900	5,400	8,900	7,400	6,300	5,600
65	6,500	5,900	5,400	5,100	7,200	6,300	5,700	5,200	8,400	7,100	6,100	5,400
70	6,000	5,600	5,200	4,900	6,700	6,000	5,500	5,100	8,000	6,800	5,900	5,300
75	5,700	5,300	5,000	4,800	6,300	5,700	5,300	4,900	7,500	6,500	5,700	5,200
80	5,300	5,100	4,900	4,800	6,000	5,500	5,100	4,900	7,200	6,200	5,500	5,100
85	5,000	4,900	4,800		5,600	5,300	5,000	4,800	6,800	6,000	5,300	5,000
90					5,300	5,100	4,800		6,500	5,700	5,200	4,900
95					5,100	4,900	4,700		6,200	5,500	5,100	4,800
100					4,900	4,800			5,900	5,300	5,000	4,800
105									5,600	5,200	4,900	4,800
110									5,400	5,000	4,800	
115									5,200	4,900	4,700	
120									5,000	4,800		
125									4,800			

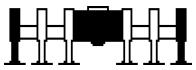
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	89.4	89.2	87.3	84.0	101.0	100.7	98.5	94.5	125.4	124.8	122.0	117.1
Capacity	4,800	4,900	4,800	4,800	4,800	4,800	4,700	4,800	4,800	4,800	4,700	4,800

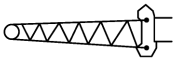
1111110

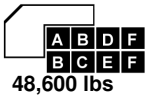
For sales us

Not for crane operations

Rated Lifting Capacities In Pounds


Full


58ft Offset Fly



48,600 lbs

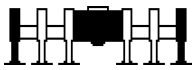
Radius (ft)	Boom Length (ft)											
	Fly Offset											
	99.5				125.5				152.4			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
30	12,300											
35	11,800				10,800							
40	11,400				10,800							
45	11,000	8,900			10,700				9,200			
50	10,600	8,600			10,500	8,700			9,200			
55	10,200	8,200	6,800		10,200	8,400			9,200			
60	9,800	7,900	6,600		9,900	8,200			9,200	8,300		
65	9,300	7,600	6,400	5,600	9,600	7,900	6,600		9,200	8,100		
70	8,900	7,300	6,200	5,400	9,400	7,700	6,400		9,200	7,900		
75	8,500	7,000	6,000	5,300	9,100	7,400	6,200	5,400	9,200	7,600	6,400	
80	8,100	6,800	5,800	5,200	8,800	7,200	6,100	5,300	9,000	7,500	6,300	5,400
85	7,800	6,500	5,700	5,100	8,500	7,000	5,900	5,300	8,800	7,300	6,100	5,400
90	7,500	6,300	5,500	5,000	8,200	6,800	5,800	5,200	8,600	7,100	6,000	5,300
95	7,100	6,100	5,400	5,000	7,900	6,600	5,700	5,100	8,400	6,900	5,900	5,200
100	6,900	5,900	5,300	4,900	7,600	6,400	5,600	5,000	8,200	6,700	5,800	5,100
105	6,600	5,700	5,200	4,900	7,400	6,200	5,400	5,000	7,900	6,600	5,700	5,100
110	6,300	5,600	5,100	4,800	7,100	6,100	5,300	4,900	7,700	6,400	5,600	5,000
115	6,100	5,400	5,000	4,800	6,900	5,900	5,200	4,900	7,500	6,300	5,500	5,000
120	5,900	5,300	4,900	4,700	6,700	5,700	5,200	4,800	7,300	6,100	5,400	4,900
125	5,700	5,200	4,800	4,700	6,400	5,600	5,100	4,800	7,100	6,000	5,300	4,900
130	5,500	5,000	4,800		6,200	5,500	5,000	4,700	6,600	5,900	5,200	4,800
135	5,300	4,900	4,700		6,000	5,400	4,900	4,700	6,000	5,800	5,100	4,800
140	5,100	4,800	4,700		5,900	5,300	4,800	4,700	5,500	5,600	5,100	4,700
145	5,000	4,700			5,700	5,100	4,800	4,700	4,900	5,500	5,000	4,700
150	4,800				5,500	5,000	4,700		4,500	5,000	4,900	4,700
155					5,300	4,900	4,700		4,000	4,500	4,900	4,700
160					4,900	4,800	4,700		3,600	4,000	4,300	4,500
165					4,500	4,700	4,700		3,200	3,600	3,900	4,000
170					4,100	4,200			2,800	3,200	3,400	3,500
175					3,800				2,400	2,800	3,000	
180									2,000	2,300	2,500	
185									1,700	2,000	2,100	
190									1,400	1,600	1,700	
195									1,100	1,200		

Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.5	18.0	24.0	17.5
Max Rad.	150.5	149.8	146.7	141.1	176.6	175.7	172.3	166.3	199.2	200.0	195.0	188.2
Capacity	3,900	4,000	4,100	4,400	1,300	1,300	1,400	1,500	0	0	0	0

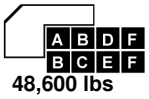
1111110

Not for crane operations

Rated Lifting Capacities In Pounds


Full

58ft Offset Fly



48,600 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	38.3				50.0				62.1			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
15	16,600				16,300							
20	14,700				14,900				14,800			
25	13,000				13,600				13,800			
30	11,600	9,600			12,400	9,900			12,800			
35	10,500	8,800			11,300	9,200			11,900	9,500		
40	9,500	8,200	7,200		10,300	8,600			11,000	8,900		
45	8,700	7,600	6,700		9,500	8,000	6,900		10,200	8,400	7,100	
50	8,100	7,100	6,300	5,700	8,800	7,600	6,600		9,500	7,900	6,700	
55	7,500	6,700	6,000	5,500	8,200	7,100	6,200	5,600	8,900	7,500	6,400	5,700
60	6,900	6,300	5,700	5,200	7,700	6,700	5,900	5,400	8,400	7,100	6,200	5,500
65	6,500	5,900	5,400	5,100	7,200	6,300	5,700	5,200	7,900	6,700	5,900	5,300
70	6,000	5,600	5,200	4,900	6,700	6,000	5,500	5,100	7,400	6,400	5,700	5,200
75	5,700	5,300	5,000	4,800	6,300	5,700	5,300	4,900	7,000	6,100	5,500	5,100
80	5,300	5,100	4,900	4,800	6,000	5,500	5,100	4,900	6,600	5,900	5,300	5,000
85	5,000	4,900	4,800		5,600	5,300	5,000	4,800	6,200	5,600	5,200	4,900
90					5,300	5,100	4,800		5,900	5,400	5,000	4,800
95					5,100	4,900	4,700		5,600	5,200	4,900	4,800
100					4,900	4,800			5,400	5,100	4,800	
105									5,100	4,900	4,700	
110									4,900	4,800		

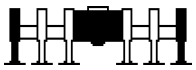
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	89.4	89.2	87.3	84.0	101.0	100.7	98.5	94.5	113.2	112.7	110.2	105.7
Capacity	4,800	4,900	4,800	4,800	4,800	4,800	4,700	4,800	4,800	4,800	4,700	4,800

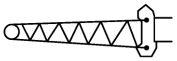
1111120

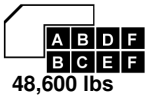
For sales us

Not for crane operations

Rated Lifting Capacities In Pounds


Full


58ft Offset Fly



48,600 lbs

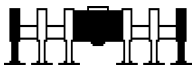
Radius (ft)	Boom Length (ft)											
	Fly Offset											
	87.3				113.4				140.3			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
25	13,600											
30	12,900				12,500							
35	12,300				12,100							
40	11,700	9,400			11,700				11,000			
45	11,200	8,900			11,300	9,200			11,000			
50	10,600	8,500			10,900	8,800			10,800			
55	10,100	8,100	6,700		10,500	8,500			10,500	8,700		
60	9,500	7,700	6,500		10,200	8,100	6,700		10,300	8,400		
65	9,000	7,400	6,300	5,500	9,800	7,900	6,500		10,000	8,100		
70	8,600	7,100	6,100	5,400	9,400	7,600	6,300	5,500	9,700	7,900	6,500	
75	8,100	6,800	5,900	5,200	9,000	7,300	6,200	5,400	9,500	7,700	6,400	
80	7,700	6,500	5,700	5,100	8,600	7,100	6,000	5,300	9,200	7,400	6,200	5,400
85	7,400	6,300	5,500	5,000	8,300	6,800	5,800	5,200	8,900	7,200	6,100	5,300
90	7,000	6,100	5,400	5,000	8,000	6,600	5,700	5,100	8,600	7,000	5,900	5,200
95	6,700	5,900	5,300	4,900	7,600	6,400	5,600	5,000	8,400	6,800	5,800	5,200
100	6,400	5,700	5,100	4,800	7,300	6,200	5,400	5,000	8,100	6,700	5,700	5,100
105	6,200	5,500	5,000	4,800	7,100	6,000	5,300	4,900	7,800	6,500	5,600	5,000
110	5,900	5,300	4,900	4,800	6,800	5,900	5,200	4,900	7,600	6,300	5,500	5,000
115	5,700	5,200	4,900	4,700	6,600	5,700	5,100	4,800	7,300	6,100	5,400	4,900
120	5,500	5,100	4,800		6,300	5,600	5,100	4,800	7,100	6,000	5,300	4,900
125	5,300	4,900	4,700		6,100	5,400	5,000	4,700	6,900	5,900	5,200	4,800
130	5,100	4,800			5,900	5,300	4,900	4,700	6,500	5,700	5,100	4,800
135	4,900	4,700			5,700	5,200	4,800	4,700	5,900	5,600	5,100	4,800
140					5,500	5,100	4,800		5,400	5,500	5,000	4,700
145					5,400	4,900	4,700		4,800	5,400	4,900	4,700
150					5,200	4,800	4,700		4,400	4,800	4,800	4,700
155					5,100	4,800			3,900	4,300	4,700	4,700
160					4,900	4,700			3,500	3,900	4,200	4,200
165									3,100	3,400	3,700	
170									2,700	3,000	3,200	
175									2,300	2,600	2,700	
180									1,900	2,200		
185									1,600	1,800		

Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0	8.0	11.0	22.5
Max Rad.	138.4	137.7	134.8	129.5	164.4	163.6	160.3	154.5	190.0	189.8	184.6	176.0
Capacity	4,800	4,700	4,700	4,700	1,900	2,000	2,100	2,200	0	0	0	0

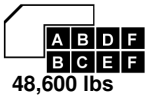
1111120

Not for crane operations

Rated Lifting Capacities In Pounds


Full

74ft Offset Fly



48,600 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	38.3				61.7				86.0			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
20	9,600											
25	8,700				8,900							
30	7,900	7,100			8,300				8,200			
35	7,200	6,500			7,800				7,800			
40	6,600	6,000			7,200	6,300			7,500			
45	6,100	5,500	5,200		6,800	5,900			7,100	6,100		
50	5,600	5,200	4,800		6,300	5,600	5,100		6,800	5,900		
55	5,200	4,800	4,500	4,300	6,000	5,300	4,800		6,400	5,600		
60	4,900	4,500	4,200	4,100	5,600	5,000	4,600	4,300	6,100	5,300	4,800	
65	4,500	4,200	4,000	3,800	5,300	4,700	4,300	4,100	5,800	5,100	4,600	
70	4,200	4,000	3,800	3,600	5,000	4,500	4,100	3,900	5,500	4,900	4,400	4,100
75	4,000	3,700	3,600	3,500	4,700	4,300	3,900	3,700	5,300	4,700	4,200	3,900
80	3,800	3,500	3,400	3,300	4,500	4,100	3,800	3,600	5,000	4,500	4,100	3,800
85	3,500	3,400	3,200	3,200	4,200	3,900	3,600	3,500	4,800	4,300	3,900	3,700
90	3,400	3,200	3,100	3,100	4,000	3,700	3,500	3,300	4,600	4,100	3,800	3,600
95	3,200	3,100	3,000		3,800	3,500	3,300	3,200	4,400	3,900	3,600	3,400
100	3,100	3,000			3,600	3,400	3,200	3,100	4,200	3,800	3,500	3,300
105	3,000				3,500	3,300	3,100	3,100	4,000	3,700	3,400	3,300
110					3,300	3,100	3,000	3,000	3,900	3,500	3,300	3,200
115					3,200	3,000	3,000		3,700	3,400	3,200	3,100
120					3,100	3,000	2,900		3,600	3,300	3,100	3,100
125					3,000	2,900			3,500	3,200	3,000	3,000
130									3,300	3,100	3,000	
135									3,200	3,000	2,900	
140									3,100	3,000	2,900	
145									3,000	2,900		
150									3,000	2,900		

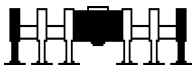
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	105.4	105.0	102.7	98.5	128.7	128.2	125.3	120.3	153.0	152.3	149.1	143.5
Capacity	3,000	3,000	2,900	3,000	3,000	2,900	2,900	3,000	3,000	2,900	2,900	3,000

1111130

For sales us

Not for crane operations

Rated Lifting Capacities In Pounds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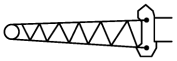
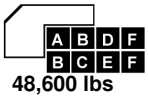

74ft Offset Fly



48,600 lbs

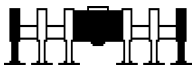
Radius (ft)	Boom Length (ft)											
	Fly Offset											
	111.2				137.2				164.1			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
35	7,000											
40	7,000				6,000							
45	7,000				6,000							
50	6,900				6,000				5,300			
55	6,700	5,700			6,000				5,300			
60	6,400	5,500			6,000	5,600			5,300			
65	6,200	5,300	4,700		6,000	5,400			5,300			
70	5,900	5,100	4,600		6,000	5,300			5,300	5,300		
75	5,700	4,900	4,400	4,000	5,900	5,100	4,500		5,300	5,200		
80	5,500	4,800	4,300	3,900	5,800	5,000	4,400	4,000	5,300	5,100		
85	5,300	4,600	4,100	3,800	5,600	4,800	4,300	3,900	5,300	5,000	4,400	
90	5,100	4,400	4,000	3,700	5,400	4,700	4,200	3,800	5,300	4,800	4,300	3,900
95	4,900	4,300	3,900	3,600	5,200	4,500	4,000	3,700	5,300	4,700	4,200	3,800
100	4,700	4,100	3,800	3,500	5,100	4,400	3,900	3,600	5,300	4,600	4,100	3,800
105	4,500	4,000	3,600	3,400	4,900	4,300	3,800	3,600	5,200	4,500	4,000	3,700
110	4,400	3,900	3,500	3,400	4,800	4,100	3,700	3,500	5,100	4,400	3,900	3,600
115	4,200	3,700	3,400	3,300	4,600	4,000	3,600	3,400	4,900	4,200	3,800	3,500
120	4,100	3,600	3,400	3,200	4,500	3,900	3,600	3,300	4,800	4,100	3,700	3,500
125	3,900	3,500	3,300	3,100	4,300	3,800	3,500	3,300	4,700	4,000	3,600	3,400
130	3,800	3,400	3,200	3,100	4,200	3,700	3,400	3,200	4,500	4,000	3,600	3,300
135	3,700	3,300	3,100	3,000	4,100	3,600	3,300	3,200	4,400	3,900	3,500	3,300
140	3,600	3,200	3,100	3,000	4,000	3,500	3,200	3,100	4,300	3,800	3,400	3,200
145	3,400	3,200	3,000	3,000	3,800	3,400	3,200	3,100	4,200	3,700	3,400	3,200
150	3,300	3,100	3,000		3,700	3,400	3,100	3,000	4,100	3,600	3,300	3,100
155	3,200	3,000	2,900		3,600	3,300	3,100	3,000	4,000	3,500	3,200	3,100
160	3,200	3,000	2,900		3,500	3,200	3,000	3,000	3,600	3,400	3,200	3,100
165	3,100	2,900	2,900		3,400	3,100	3,000	2,900	3,200	3,400	3,100	3,000
170	3,000	2,900			3,300	3,100	2,900	2,900	2,800	3,300	3,100	3,000
175	3,000	2,900			3,300	3,000	2,900		2,400	2,900	3,000	3,000
180					3,200	3,000	2,900		2,000	2,500	2,800	2,900
185					3,100	2,900	2,900		1,700	2,100	2,400	2,500
190					2,800	2,900	2,900		1,400	1,800	2,000	2,100
195					2,500	2,600			1,100	1,400	1,700	
200										1,100	1,300	
205											1,000	

Min Angle	0.0	0.0	0.0	0.0	18.0	20.5	27.0	13.0	36.5	37.0	37.0	37.0
Max Rad.	178.2	177.4	173.9	167.9	200.0	200.0	195.0	189.0	199.2	204.2	206.9	205.6
Capacity	2,100	2,200	2,200	2,400	0	0	0	0	0	0	0	0

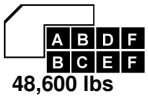
1111130

Not for crane operations

Rated Lifting Capacities In Pounds


Full

74ft Offset Fly



48,600 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	38.3				50.0				74.3			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
20	9,600				9,800							
25	8,700				8,900				9,100			
30	7,900	7,100			8,200				8,500			
35	7,200	6,500			7,600	6,700			8,000			
40	6,600	6,000			7,000	6,200			7,500	6,500		
45	6,100	5,500	5,200		6,500	5,800			7,100	6,100		
50	5,600	5,200	4,800		6,000	5,400	5,000		6,700	5,800		
55	5,200	4,800	4,500	4,300	5,600	5,100	4,700		6,300	5,500	4,900	
60	4,900	4,500	4,200	4,100	5,300	4,800	4,400	4,200	6,000	5,200	4,700	
65	4,500	4,200	4,000	3,800	4,900	4,500	4,200	4,000	5,600	5,000	4,500	4,200
70	4,200	4,000	3,800	3,600	4,600	4,200	4,000	3,800	5,300	4,700	4,300	4,000
75	4,000	3,700	3,600	3,500	4,400	4,000	3,800	3,600	5,100	4,500	4,100	3,800
80	3,800	3,500	3,400	3,300	4,100	3,800	3,600	3,500	4,800	4,300	3,900	3,700
85	3,500	3,400	3,200	3,200	3,900	3,600	3,400	3,300	4,600	4,100	3,800	3,600
90	3,400	3,200	3,100	3,100	3,700	3,500	3,300	3,200	4,400	3,900	3,600	3,500
95	3,200	3,100	3,000		3,500	3,300	3,200	3,100	4,100	3,800	3,500	3,400
100	3,100	3,000			3,400	3,200	3,100	3,000	4,000	3,600	3,400	3,300
105	3,000				3,200	3,100	3,000		3,800	3,500	3,300	3,200
110					3,100	3,000	2,900		3,600	3,400	3,200	3,100
115					3,000	2,900			3,500	3,200	3,100	3,000
120									3,400	3,100	3,000	
125									3,200	3,000	3,000	
130									3,100	3,000	2,900	
135									3,000	2,900		
140									3,000	2,900		

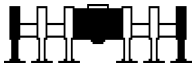
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	105.4	105.0	102.7	98.5	117.0	116.6	114.0	109.3	141.4	140.7	137.7	132.3
Capacity	3,000	3,000	2,900	3,000	3,000	2,900	2,900	3,000	3,000	2,900	2,900	3,000

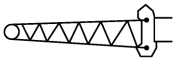
1111140

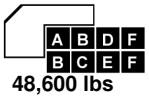
For sales us

Not for crane operations

Rated Lifting Capacities In Pounds


Full


74ft Offset Fly



48,600 lbs

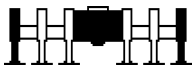
Radius (ft)	Boom Length (ft)											
	Fly Offset											
	99.5				125.5				152.4			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
30	8,500											
35	8,100											
40	7,800				7,500							
45	7,400				7,500							
50	7,100	6,000			7,200				6,500			
55	6,800	5,800			7,000	5,900			6,500			
60	6,400	5,500	4,900		6,700	5,700			6,500			
65	6,200	5,300	4,700		6,500	5,500			6,500	5,600		
70	5,900	5,100	4,500	4,100	6,300	5,300	4,700		6,400	5,500		
75	5,600	4,900	4,400	4,000	6,000	5,100	4,500	4,100	6,200	5,300	4,700	
80	5,400	4,700	4,200	3,900	5,800	5,000	4,400	4,000	6,100	5,200	4,500	
85	5,100	4,500	4,000	3,800	5,600	4,800	4,300	3,900	5,900	5,000	4,400	4,000
90	4,900	4,300	3,900	3,700	5,400	4,600	4,100	3,800	5,700	4,900	4,300	3,900
95	4,700	4,200	3,800	3,600	5,200	4,500	4,000	3,700	5,500	4,700	4,200	3,800
100	4,500	4,000	3,700	3,500	5,000	4,300	3,900	3,600	5,400	4,600	4,100	3,700
105	4,300	3,900	3,600	3,400	4,800	4,200	3,800	3,500	5,200	4,500	4,000	3,600
110	4,200	3,700	3,400	3,300	4,700	4,100	3,700	3,400	5,000	4,300	3,900	3,600
115	4,000	3,600	3,400	3,200	4,500	3,900	3,600	3,400	4,900	4,200	3,800	3,500
120	3,900	3,500	3,300	3,100	4,300	3,800	3,500	3,300	4,700	4,100	3,700	3,400
125	3,700	3,400	3,200	3,100	4,200	3,700	3,400	3,200	4,600	4,000	3,600	3,400
130	3,600	3,300	3,100	3,000	4,100	3,600	3,300	3,200	4,500	3,900	3,500	3,300
135	3,500	3,200	3,000	3,000	3,900	3,500	3,200	3,100	4,300	3,800	3,400	3,200
140	3,400	3,100	3,000		3,800	3,400	3,200	3,100	4,200	3,700	3,400	3,200
145	3,300	3,000	2,900		3,700	3,300	3,100	3,000	4,100	3,600	3,300	3,100
150	3,200	3,000	2,900		3,600	3,200	3,100	3,000	4,000	3,500	3,200	3,100
155	3,100	2,900	2,900		3,500	3,200	3,000	3,000	3,900	3,400	3,200	3,100
160	3,000	2,900			3,400	3,100	3,000	3,000	3,500	3,400	3,100	3,000
165	3,000	2,900			3,300	3,000	2,900		3,000	3,300	3,100	3,000
170					3,200	3,000	2,900		2,600	3,100	3,000	3,000
175					3,100	2,900	2,900		2,200	2,700	3,000	2,900
180					3,100	2,900	2,900		1,900	2,300	2,600	2,700
185					3,000	2,900			1,500	1,900	2,200	
190									1,200	1,600	1,800	
195									900	1,200	1,400	
200										900	1,000	

Min Angle	0.0	0.0	0.0	0.0	15.0	17.5	24.5	12.5	32.0	32.5	32.5	32.0
Max Rad.	166.5	165.7	162.4	156.5	190.0	190.0	185.0	177.3	195.8	200.8	201.9	200.0
Capacity	2,700	2,700	2,900	3,000	0	0	0	0	0	0	0	0

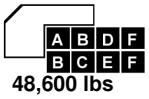
1111140

Not for crane operations

Rated Lifting Capacities In Pounds


Full

74ft Offset Fly



48,600 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	38.3				50.0				62.1			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
20	9,600				9,800							
25	8,700				8,900				9,100			
30	7,900				8,200				8,500			
35	7,200	6,500			7,600	6,700			7,900			
40	6,600	6,000			7,000	6,200			7,300	6,400		
45	6,100	5,500	5,200		6,500	5,800			6,900	6,000		
50	5,600	5,200	4,800		6,000	5,400	5,000		6,400	5,600	5,100	
55	5,200	4,800	4,500	4,300	5,600	5,100	4,700		6,000	5,300	4,800	
60	4,900	4,500	4,200	4,100	5,300	4,800	4,400	4,200	5,600	5,000	4,600	4,300
65	4,500	4,200	4,000	3,800	4,900	4,500	4,200	4,000	5,300	4,800	4,400	4,100
70	4,200	4,000	3,800	3,600	4,600	4,200	4,000	3,800	5,000	4,500	4,200	3,900
75	4,000	3,700	3,600	3,500	4,400	4,000	3,800	3,600	4,700	4,300	4,000	3,700
80	3,800	3,500	3,400	3,300	4,100	3,800	3,600	3,500	4,500	4,100	3,800	3,600
85	3,500	3,400	3,200	3,200	3,900	3,600	3,400	3,300	4,200	3,900	3,600	3,500
90	3,400	3,200	3,100	3,100	3,700	3,500	3,300	3,200	4,000	3,700	3,500	3,300
95	3,200	3,100	3,000		3,500	3,300	3,200	3,100	3,800	3,600	3,400	3,200
100	3,100	3,000			3,400	3,200	3,100	3,000	3,700	3,400	3,200	3,200
105	3,000				3,200	3,100	3,000		3,500	3,300	3,100	3,100
110					3,100	3,000	2,900		3,400	3,200	3,000	
115					3,000	2,900			3,200	3,000	3,000	
120									3,100	3,000	2,900	
125									3,000	2,900		

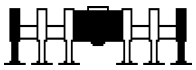
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	105.4	105.0	102.7	98.5	117.0	116.6	114.0	109.3	129.2	128.6	125.8	120.8
Capacity	3,000	3,000	2,900	3,000	3,000	2,900	2,900	3,000	3,000	2,900	2,900	3,000

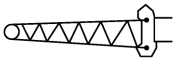
1111150

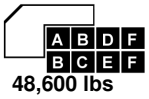
For sales us

Not for crane operations

Rated Lifting Capacities In Pounds


Full


74ft Offset Fly



48,600 lbs

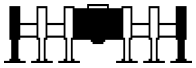
Radius (ft)	Boom Length (ft)											
	Fly Offset											
	87.3				113.4				140.3			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
30	8,700											
35	8,300				8,400							
40	7,800				8,000							
45	7,400	6,300			7,700				7,700			
50	7,000	6,000			7,400	6,200			7,500			
55	6,600	5,700	5,100		7,000	5,900			7,200			
60	6,300	5,400	4,800		6,700	5,700			7,000	5,900		
65	6,000	5,200	4,600	4,200	6,500	5,500	4,800		6,700	5,700		
70	5,700	4,900	4,400	4,100	6,200	5,300	4,600		6,500	5,500		
75	5,400	4,700	4,300	3,900	5,900	5,100	4,500	4,100	6,300	5,300	4,600	
80	5,100	4,500	4,100	3,800	5,700	4,900	4,300	4,000	6,100	5,100	4,500	4,100
85	4,900	4,300	3,900	3,700	5,400	4,700	4,200	3,900	5,900	5,000	4,400	4,000
90	4,700	4,200	3,800	3,600	5,200	4,500	4,000	3,700	5,700	4,800	4,200	3,900
95	4,500	4,000	3,700	3,500	5,000	4,400	3,900	3,600	5,500	4,700	4,100	3,800
100	4,300	3,800	3,500	3,400	4,800	4,200	3,800	3,500	5,300	4,500	4,000	3,700
105	4,100	3,700	3,400	3,300	4,600	4,100	3,700	3,500	5,100	4,400	3,900	3,600
110	3,900	3,600	3,300	3,200	4,500	3,900	3,600	3,400	4,900	4,200	3,800	3,500
115	3,800	3,400	3,200	3,100	4,300	3,800	3,500	3,300	4,800	4,100	3,700	3,400
120	3,600	3,300	3,100	3,100	4,100	3,700	3,400	3,200	4,600	4,000	3,600	3,400
125	3,500	3,200	3,100	3,000	4,000	3,600	3,300	3,200	4,500	3,900	3,500	3,300
130	3,400	3,100	3,000		3,900	3,500	3,200	3,100	4,300	3,800	3,400	3,300
135	3,300	3,000	2,900		3,700	3,400	3,200	3,100	4,200	3,700	3,400	3,200
140	3,200	3,000	2,900		3,600	3,300	3,100	3,000	4,100	3,600	3,300	3,100
145	3,100	2,900			3,500	3,200	3,000	3,000	3,900	3,500	3,200	3,100
150	3,000	2,900			3,400	3,100	3,000	3,000	3,800	3,400	3,200	3,100
155					3,300	3,100	2,900		3,700	3,300	3,100	3,000
160					3,200	3,000	2,900		3,400	3,300	3,000	3,000
165					3,100	2,900	2,900		3,000	3,200	3,000	3,000
170					3,000	2,900			2,600	3,000	3,000	2,900
175					3,000	2,900			2,200	2,600	2,900	
180					2,500				1,800	2,200	2,400	
185									1,500	1,800	2,000	
190									1,200	1,400	1,600	
195									900	1,100		

Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.5	23.5	24.0	23.0
Max Rad.	154.4	153.6	150.4	144.8	180.4	179.6	176.1	170.0	195.8	199.2	198.1	192.0
Capacity	3,000	2,900	2,900	3,000	900	900	1,000	1,100	0	0	0	0

1111150

Not for crane operations

Rated Lifting Capacities In Pounds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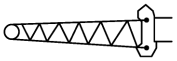
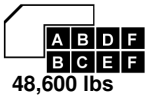

90ft Offset Fly



48,600 lbs

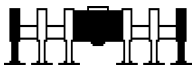
Radius (ft)	Boom Length (ft)											
	Fly Offset											
	38.3				61.7				86.0			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
20	8,300											
25	7,500											
30	6,800				6,900							
35	6,100	5,800			6,500				6,300			
40	5,600	5,300			6,000				6,100			
45	5,100	4,900			5,600	5,100			5,800			
50	4,700	4,500	4,300		5,200	4,800			5,500	5,000		
55	4,300	4,100	4,000		4,900	4,500	4,200		5,200	4,700		
60	4,000	3,800	3,700	3,600	4,600	4,200	4,000		4,900	4,500		
65	3,700	3,500	3,400	3,400	4,300	4,000	3,700	3,600	4,700	4,200	3,900	
70	3,400	3,300	3,200	3,200	4,000	3,700	3,500	3,400	4,400	4,000	3,800	3,600
75	3,200	3,100	3,000	3,000	3,800	3,500	3,300	3,200	4,200	3,800	3,600	3,400
80	2,900	2,800	2,800	2,800	3,500	3,300	3,100	3,000	4,000	3,600	3,400	3,200
85	2,700	2,700	2,600	2,600	3,300	3,100	3,000	2,900	3,800	3,500	3,200	3,100
90	2,600	2,500	2,400	2,400	3,100	2,900	2,800	2,700	3,600	3,300	3,100	3,000
95	2,400	2,300	2,300	2,300	2,900	2,800	2,700	2,600	3,400	3,100	2,900	2,800
100	2,200	2,200	2,200	2,200	2,800	2,600	2,500	2,500	3,200	3,000	2,800	2,700
105	2,100	2,100	2,000		2,600	2,500	2,400	2,400	3,100	2,800	2,700	2,600
110	2,000	1,900	1,900		2,500	2,300	2,300	2,200	2,900	2,700	2,600	2,500
115	1,900	1,800			2,300	2,200	2,200	2,200	2,800	2,600	2,500	2,400
120	1,800	1,800			2,200	2,100	2,100	2,100	2,600	2,500	2,400	2,300
125					2,100	2,000	2,000		2,500	2,400	2,300	2,200
130					2,000	1,900	1,900		2,400	2,300	2,200	2,100
135					1,900	1,800	1,800		2,300	2,200	2,100	2,100
140					1,800	1,800			2,200	2,100	2,000	2,000
145									2,100	2,000	1,900	
150									2,000	1,900	1,900	
155									1,900	1,900	1,800	
160									1,900	1,800		
165									1,800	1,800		

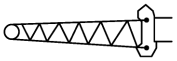
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	121.4	120.8	118.2	113.4	144.7	144.1	141.0	135.6	169.0	168.3	164.9	159.0
Capacity	1,700	1,800	1,800	2,000	1,700	1,800	1,800	1,900	1,700	1,800	1,800	1,900

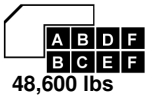
1111160

Not for crane operations

Rated Lifting Capacities In Pounds


Full


90ft Offset Fly



48,600 lbs

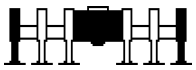
Radius (ft)	Boom Length (ft)											
	Fly Offset											
	111.2				137.2				164.1			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
40	5,200											
45	5,200				4,500							
50	5,200				4,500							
55	5,200	4,800			4,500							
60	5,100	4,600			4,500				4,000			
65	4,900	4,400			4,500	4,500			4,000			
70	4,700	4,200	3,900		4,500	4,300			4,000			
75	4,500	4,100	3,700		4,500	4,200			4,000			
80	4,300	3,900	3,600	3,400	4,500	4,100	3,700		4,000	4,100		
85	4,200	3,700	3,400	3,300	4,400	3,900	3,600		4,000	4,000		
90	4,000	3,600	3,300	3,100	4,200	3,800	3,500	3,300	4,000	3,900		
95	3,800	3,400	3,200	3,000	4,100	3,600	3,400	3,200	4,000	3,800	3,500	
100	3,600	3,300	3,000	2,900	3,900	3,500	3,200	3,100	4,000	3,700	3,400	3,200
105	3,500	3,200	2,900	2,800	3,800	3,400	3,100	3,000	4,000	3,600	3,300	3,100
110	3,300	3,000	2,800	2,700	3,700	3,300	3,000	2,900	3,900	3,500	3,200	3,000
115	3,200	2,900	2,700	2,600	3,500	3,200	2,900	2,800	3,800	3,400	3,100	2,900
120	3,000	2,800	2,600	2,500	3,400	3,000	2,800	2,700	3,700	3,300	3,000	2,800
125	2,900	2,700	2,500	2,400	3,300	2,900	2,700	2,600	3,600	3,200	2,900	2,700
130	2,800	2,600	2,400	2,400	3,200	2,800	2,600	2,500	3,400	3,100	2,800	2,700
135	2,700	2,500	2,300	2,300	3,000	2,700	2,600	2,500	3,300	3,000	2,700	2,600
140	2,600	2,400	2,300	2,200	2,900	2,600	2,500	2,400	3,200	2,900	2,700	2,500
145	2,500	2,300	2,200	2,100	2,800	2,600	2,400	2,300	3,100	2,800	2,600	2,500
150	2,400	2,200	2,100	2,100	2,700	2,500	2,300	2,300	3,000	2,700	2,500	2,400
155	2,300	2,100	2,000	2,000	2,600	2,400	2,200	2,200	2,900	2,600	2,400	2,300
160	2,200	2,000	2,000	2,000	2,500	2,300	2,200	2,100	2,800	2,500	2,400	2,300
165	2,100	2,000	1,900		2,400	2,200	2,100	2,100	2,700	2,500	2,300	2,200
170	2,000	1,900	1,900		2,300	2,200	2,100	2,000	2,600	2,400	2,200	2,200
175	2,000	1,900	1,800		2,300	2,100	2,000	2,000	2,400	2,300	2,200	2,100
180	1,900	1,800	1,800		2,200	2,000	2,000	2,000	2,000	2,300	2,100	2,100
185	1,800	1,800			2,100	2,000	1,900	1,900	1,700	2,100	2,100	2,000
190	1,800	1,800			2,000	1,900	1,900		1,300	1,800	2,000	2,000
195					2,000	1,900	1,800		1,000	1,400	1,700	1,800
200					1,900	1,800	1,800			1,100	1,400	1,500
205					1,800	1,800	1,800				1,000	1,100
210					1,600	1,700						
215					1,400							

Min Angle	0.0	0.0	0.0	0.0	14.5	22.0	14.5	16.0	43.5	44.5	44.5	44.0
Max Rad.	194.2	193.3	189.7	183.5	217.3	215.0	213.5	205.0	197.5	204.2	207.5	208.1
Capacity	1,300	1,300	1,300	1,400	0	0	0	0	0	0	0	0

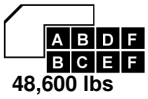
1111160

Not for crane operations

Rated Lifting Capacities In Pounds


Full

90ft Offset Fly



48,600 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	38.3				50.0				74.3			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
20	8,300											
25	7,500				7,600							
30	6,800				6,900				7,000			
35	6,100	5,800			6,400				6,600			
40	5,600	5,300			5,900	5,400			6,200			
45	5,100	4,900			5,400	5,000			5,800	5,300		
50	4,700	4,500	4,300		5,000	4,700	4,400		5,500	5,000		
55	4,300	4,100	4,000		4,700	4,300	4,100		5,200	4,700		
60	4,000	3,800	3,700	3,600	4,300	4,000	3,900	3,700	4,800	4,400	4,100	
65	3,700	3,500	3,400	3,400	4,000	3,800	3,600	3,500	4,600	4,200	3,900	
70	3,400	3,300	3,200	3,200	3,700	3,500	3,400	3,300	4,300	3,900	3,700	3,500
75	3,200	3,100	3,000	3,000	3,500	3,300	3,200	3,100	4,000	3,700	3,500	3,300
80	2,900	2,800	2,800	2,800	3,200	3,100	3,000	2,900	3,800	3,500	3,300	3,200
85	2,700	2,700	2,600	2,600	3,000	2,900	2,800	2,800	3,600	3,300	3,100	3,000
90	2,600	2,500	2,400	2,400	2,800	2,700	2,600	2,600	3,400	3,100	3,000	2,900
95	2,400	2,300	2,300	2,300	2,700	2,600	2,500	2,500	3,200	3,000	2,800	2,700
100	2,200	2,200	2,200	2,200	2,500	2,400	2,400	2,300	3,000	2,800	2,700	2,600
105	2,100	2,100	2,000		2,400	2,300	2,200	2,200	2,900	2,700	2,600	2,500
110	2,000	1,900	1,900		2,200	2,100	2,100	2,100	2,700	2,500	2,400	2,400
115	1,900	1,800			2,100	2,000	2,000		2,600	2,400	2,300	2,300
120	1,800	1,800			2,000	1,900	1,900		2,400	2,300	2,200	2,200
125					1,900	1,800			2,300	2,200	2,100	2,100
130					1,800	1,800			2,200	2,100	2,000	2,000
135									2,100	2,000	2,000	
140									2,000	1,900	1,900	
145									1,900	1,900	1,800	
150									1,900	1,800		
155									1,800	1,800		

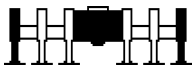
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	121.4	120.8	118.2	113.4	133.0	132.4	129.5	124.4	157.4	156.6	153.4	147.7
Capacity	1,700	1,800	1,800	2,000	1,700	1,800	1,800	1,900	1,700	1,800	1,800	1,900

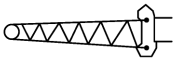
1111170

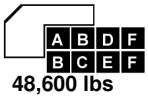
For sales us

Not for crane operations

Rated Lifting Capacities In Pounds


Full


90ft Offset Fly



48,600 lbs

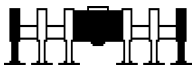
Radius (ft)	Boom Length (ft)											
	Fly Offset											
	99.5				125.5				152.4			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
35	6,500											
40	6,300											
45	6,000				5,600							
50	5,700	5,100			5,600				4,900			
55	5,500	4,900			5,600				4,900			
60	5,200	4,700			5,400	4,800			4,900			
65	5,000	4,400	4,100		5,200	4,600			4,900			
70	4,700	4,200	3,900		5,000	4,400			4,900	4,500		
75	4,500	4,000	3,700	3,500	4,800	4,200	3,900		4,900	4,400		
80	4,300	3,800	3,500	3,300	4,600	4,100	3,700	3,500	4,800	4,200	3,800	
85	4,100	3,700	3,400	3,200	4,400	3,900	3,600	3,400	4,600	4,100	3,700	
90	3,900	3,500	3,200	3,100	4,200	3,800	3,400	3,200	4,500	4,000	3,600	3,400
95	3,700	3,300	3,100	3,000	4,100	3,600	3,300	3,100	4,300	3,800	3,500	3,200
100	3,500	3,200	3,000	2,800	3,900	3,500	3,200	3,000	4,200	3,700	3,400	3,100
105	3,300	3,000	2,800	2,700	3,700	3,300	3,100	2,900	4,000	3,600	3,200	3,000
110	3,200	2,900	2,700	2,600	3,600	3,200	3,000	2,800	3,900	3,400	3,100	3,000
115	3,000	2,800	2,600	2,500	3,400	3,100	2,800	2,700	3,800	3,300	3,000	2,900
120	2,900	2,700	2,500	2,400	3,300	3,000	2,700	2,600	3,600	3,200	2,900	2,800
125	2,800	2,500	2,400	2,300	3,200	2,800	2,600	2,500	3,500	3,100	2,900	2,700
130	2,600	2,400	2,300	2,300	3,000	2,700	2,600	2,500	3,400	3,000	2,800	2,600
135	2,500	2,300	2,200	2,200	2,900	2,600	2,500	2,400	3,300	2,900	2,700	2,500
140	2,400	2,200	2,200	2,100	2,800	2,500	2,400	2,300	3,100	2,800	2,600	2,500
145	2,300	2,200	2,100	2,100	2,700	2,400	2,300	2,200	3,000	2,700	2,500	2,400
150	2,200	2,100	2,000	2,000	2,600	2,400	2,200	2,200	2,900	2,600	2,400	2,300
155	2,100	2,000	1,900		2,500	2,300	2,200	2,100	2,800	2,500	2,400	2,300
160	2,000	1,900	1,900		2,400	2,200	2,100	2,100	2,700	2,500	2,300	2,200
165	2,000	1,900	1,800		2,300	2,100	2,000	2,000	2,600	2,400	2,200	2,200
170	1,900	1,800	1,800		2,200	2,100	2,000	2,000	2,500	2,300	2,200	2,100
175	1,800	1,800			2,100	2,000	1,900		2,200	2,200	2,100	2,100
180	1,800	1,700			2,100	1,900	1,900		1,900	2,200	2,100	2,000
185					2,000	1,900	1,800		1,500	2,000	2,000	2,000
190					1,900	1,800	1,800		1,200	1,600	1,900	2,000
195					1,900	1,800	1,800		900	1,300	1,500	1,600
200					1,800	1,800				1,000	1,200	

Min Angle	0.0	0.0	0.0	0.0	17.0	19.5	25.0	18.0	39.5	39.5	40.5	40.0
Max Rad.	182.5	181.7	178.2	172.1	205.0	205.0	200.0	193.3	195.8	202.5	204.4	204.4
Capacity	1,700	1,700	1,800	1,900	0	0	0	0	0	0	0	0

1111170

Not for crane operations

Rated Lifting Capacities In Pounds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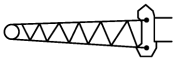
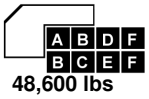

90ft Offset Fly



48,600 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	38.3				50.0				62.1			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
20	8,300											
25	7,500				7,600				7,600			
30	6,800				6,900				7,100			
35	6,100	5,800			6,400				6,600			
40	5,600	5,300			5,900	5,400			6,100	5,600		
45	5,100	4,900			5,400	5,000			5,700	5,200		
50	4,700	4,500	4,300		5,000	4,700	4,400		5,300	4,800		
55	4,300	4,100	4,000		4,700	4,300	4,100		4,900	4,500	4,300	
60	4,000	3,800	3,700	3,600	4,300	4,000	3,900	3,700	4,600	4,200	4,000	
65	3,700	3,500	3,400	3,400	4,000	3,800	3,600	3,500	4,300	4,000	3,800	3,600
70	3,400	3,300	3,200	3,200	3,700	3,500	3,400	3,300	4,000	3,700	3,500	3,400
75	3,200	3,100	3,000	3,000	3,500	3,300	3,200	3,100	3,800	3,500	3,300	3,200
80	2,900	2,800	2,800	2,800	3,200	3,100	3,000	2,900	3,500	3,300	3,200	3,100
85	2,700	2,700	2,600	2,600	3,000	2,900	2,800	2,800	3,300	3,100	3,000	2,900
90	2,600	2,500	2,400	2,400	2,800	2,700	2,600	2,600	3,100	2,900	2,800	2,700
95	2,400	2,300	2,300	2,300	2,700	2,600	2,500	2,500	2,900	2,800	2,700	2,600
100	2,200	2,200	2,200	2,200	2,500	2,400	2,400	2,300	2,800	2,600	2,500	2,500
105	2,100	2,100	2,000		2,400	2,300	2,200	2,200	2,600	2,500	2,400	2,400
110	2,000	1,900	1,900		2,200	2,100	2,100	2,100	2,500	2,400	2,300	2,300
115	1,900	1,800			2,100	2,000	2,000		2,300	2,200	2,200	2,200
120	1,800	1,800			2,000	1,900	1,900		2,200	2,100	2,100	2,100
125					1,900	1,800			2,100	2,000	2,000	
130					1,800	1,800			2,000	1,900	1,900	
135									1,900	1,900	1,800	
140									1,800	1,800		
145									1,700			

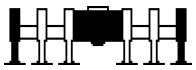
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	121.4	120.8	118.2	113.4	133.0	132.4	129.5	124.4	145.2	144.5	141.4	136.0
Capacity	1,700	1,800	1,800	2,000	1,700	1,800	1,800	1,900	1,700	1,800	1,800	1,900

1111180

For sale US

Not for crane operations

Rated Lifting Capacities In Pounds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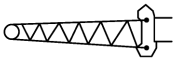
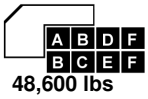

90ft Offset Fly



48,600 lbs

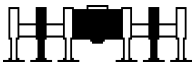
Radius (ft)	Boom Length (ft)											
	Fly Offset											
	87.3				113.4				140.3			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
35	6,800											
40	6,400				6,500							
45	6,100				6,200							
50	5,700	5,100			5,900				5,800			
55	5,400	4,800			5,700	5,000			5,800			
60	5,100	4,600	4,200		5,400	4,800			5,600			
65	4,800	4,300	4,000		5,200	4,600			5,400	4,800		
70	4,600	4,100	3,800	3,600	5,000	4,400	4,000		5,200	4,600		
75	4,300	3,900	3,600	3,400	4,700	4,200	3,800		5,000	4,400	4,000	
80	4,100	3,700	3,400	3,300	4,500	4,000	3,700	3,400	4,800	4,200	3,800	
85	3,900	3,500	3,300	3,100	4,300	3,800	3,500	3,300	4,600	4,100	3,700	3,400
90	3,700	3,300	3,100	3,000	4,100	3,700	3,400	3,200	4,500	3,900	3,600	3,300
95	3,500	3,200	3,000	2,900	3,900	3,500	3,200	3,100	4,300	3,800	3,400	3,200
100	3,300	3,000	2,800	2,700	3,700	3,400	3,100	2,900	4,100	3,600	3,300	3,100
105	3,100	2,900	2,700	2,600	3,600	3,200	3,000	2,800	4,000	3,500	3,200	3,000
110	3,000	2,700	2,600	2,500	3,400	3,100	2,900	2,700	3,800	3,400	3,100	2,900
115	2,800	2,600	2,500	2,400	3,300	3,000	2,800	2,600	3,700	3,200	3,000	2,800
120	2,700	2,500	2,400	2,300	3,100	2,800	2,600	2,500	3,500	3,100	2,900	2,700
125	2,600	2,400	2,300	2,200	3,000	2,700	2,600	2,500	3,400	3,000	2,800	2,600
130	2,400	2,300	2,200	2,200	2,900	2,600	2,500	2,400	3,200	2,900	2,700	2,600
135	2,300	2,200	2,100	2,100	2,700	2,500	2,400	2,300	3,100	2,800	2,600	2,500
140	2,200	2,100	2,000	2,000	2,600	2,400	2,300	2,200	3,000	2,700	2,500	2,400
145	2,100	2,000	2,000		2,500	2,300	2,200	2,200	2,900	2,600	2,400	2,300
150	2,000	1,900	1,900		2,400	2,200	2,100	2,100	2,800	2,500	2,400	2,300
155	1,900	1,900	1,800		2,300	2,200	2,100	2,000	2,700	2,400	2,300	2,200
160	1,900	1,800			2,200	2,100	2,000	2,000	2,600	2,400	2,200	2,200
165	1,800	1,800			2,100	2,000	1,900		2,500	2,300	2,200	2,100
170	1,700				2,100	1,900	1,900		2,400	2,200	2,100	2,100
175					2,000	1,900	1,800		2,200	2,100	2,000	2,000
180					1,900	1,800	1,800		1,900	2,100	2,000	2,000
185					1,900	1,800			1,500	1,900	1,900	1,900
190					1,800	1,800			1,200	1,600	1,800	
195									900	1,200	1,400	
200										900	1,000	

Min Angle	0.0	0.0	0.0	0.0	12.0	8.5	11.5	22.0	33.5	34.0	34.5	33.5
Max Rad.	170.4	169.6	166.2	160.3	195.0	194.9	189.7	181.1	195.8	200.8	202.5	201.5
Capacity	1,700	1,800	1,800	1,900	0	0	0	0	0	0	0	0

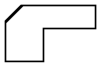
1111180

Not for crane operations

Rated Lifting Capacities In Pounds



Intermediate



0 lbs

Radius (ft)	Boom Length (ft) Extend Mode										
	38.3	50.0	50.5	60.0	61.7	62.1	63.0	73.8	74.3	74.7	75.0
	ALL	EM1,2,3,4,5	EM6	EM2	EM1, EM4	EM3, EM5	EM6	EM4	EM2	EM5	EM1
10	125,600	86,000	127,300	90,200	58,400	90,400	127,400				
12	97,700	80,400	103,800	85,000	54,200	85,400	105,800	55,600	59,800	88,300	55,500
15	54,800	60,400	59,300	62,500	49,000	62,900	60,800	50,900	54,200	63,500	50,900
20	28,000	32,600	31,800	34,300	35,200	34,600	33,000	36,400	35,800	35,000	36,500
25	16,000	20,500	19,800	22,000	22,900	22,300	20,900	23,900	23,400	22,700	24,000
30	9,300	13,500	12,900	15,200	15,900	15,400	14,100	16,800	16,400	15,800	16,900
35		9,000	8,400	10,600	11,400	10,800	9,700	12,400	12,000	11,400	12,500
40		5,800	5,300	7,400	8,100	7,700	6,500	9,200	8,800	8,200	9,300
45				5,000	5,800	5,300	4,200	6,800	6,400	5,900	6,900
50				3,200	4,000	3,500	2,400	5,000	4,600	4,100	5,100
55						2,100		3,500	3,200	2,600	3,600
60								2,400	2,000	1,500	2,500
65								1,400			1,500
Unpinned			106,000				106,400				
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	16.5	0.0	17.0	25.0	0.0
Max Rad.	31.3	43.0	43.5	53.0	54.7	55.1	54.0	66.8	65.0	61.9	68.0
Capacity	7,800	4,300	3,500	2,300	2,600	2,000	0	1,100	0	0	1,000

2010010

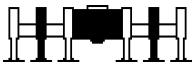
Radius (ft)	Boom Length (ft) Extend Mode										
	75.0	76.1	85.0	86.0	86.4	87.3	87.8	89.5	99.4	99.5	100.0
	EM3	EM6	EM2	EM1	EM4	EM3	EM5	EM6	EM4	EM2	EM1
12	88,300	105,400									
15	63,500	60,500	55,500	45,500	52,800	63,800	62,800	59,000			
20	35,000	32,700	36,000	37,200	36,500	35,400	34,500	31,700	35,900	36,200	37,200
25	22,700	20,700	23,600	24,600	24,000	23,000	22,200	19,700	23,400	23,700	24,600
30	15,800	14,000	16,500	17,500	17,000	16,000	15,400	13,000	16,400	16,700	17,500
35	11,400	9,600	12,100	13,100	12,500	11,600	11,000	8,800	12,000	12,300	13,100
40	8,300	6,600	9,000	9,900	9,400	8,500	7,900	5,800	8,900	9,200	9,900
45	5,900	4,300	6,700	7,600	7,100	6,300	5,700	3,600	6,600	6,900	7,600
50	4,100	2,500	4,900	5,700	5,200	4,500	3,900	1,800	4,900	5,100	5,800
55	2,600		3,400	4,300	3,800	3,000	2,400		3,500	3,700	4,400
60	1,500		2,300	3,100	2,600	1,900	1,300		2,300	2,500	3,200
65			1,300	2,100	1,600				1,300	1,500	2,200
70				1,300							1,400
Unpinned		105,400						59,000			
Min Angle	24.5	39.0	32.0	24.0	30.5	37.5	42.0	51.5	44.0	43.0	38.5
Max Rad.	62.2	54.3	67.0	72.7	69.3	64.0	60.6	51.5	67.1	68.2	73.5
Capacity	0	0	0	0	0	0	0	0	0	0	0

2010010

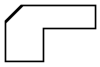
For training use only

Not for crane operations

Rated Lifting Capacities In Pounds



Intermediate



0 lbs

Radius (ft)	Boom Length (ft) Extend Mode 100.0 EM3	110.0 EM2	111.2 EM1
20	34,900	35,700	36,400
25	22,600	23,300	24,600
30	15,700	16,300	17,500
35	11,300	11,900	13,100
40	8,200	8,800	9,900
45	5,900	6,500	7,600
50	4,200	4,800	5,800
55	2,800	3,400	4,400
60	1,600	2,300	3,300
65		1,300	2,300
70			1,500

Unpinned			

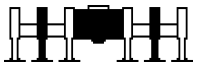
Min Angle	48.0	50.0	45.0
Max Rad.	62.6	66.6	74.3
Capacity	0	0	0

2010010

For sales use only

Not for crane operations

Rated Lifting Capacities In Pounds



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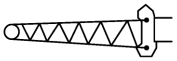
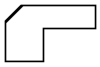


10ft Offset Fly
0°- 45° Offset



0 lbs

Radius (ft)	Boom Length (ft) Extend Mode										
	38.3	50.0	50.5	60.0	61.7	62.1	63.0	73.8	74.3	74.7	75.0
	ALL	EM1,2,3,4,5	EM6	EM2	EM1, EM4	EM3, EM5	EM6	EM4	EM2	EM5	EM1
10	42,100	42,900	42,900	47,700	47,700	47,700	47,700				
12	41,100	42,100	42,100	42,600	38,900	42,600	42,800	46,400	47,600	47,600	47,600
15	39,400	40,900	40,900	41,500	35,400	41,600	41,700	36,400	41,800	42,000	42,300
20	31,100	33,800	33,000	34,700	31,200	34,900	33,400	32,500	35,700	35,000	32,600
25	19,300	21,600	21,000	22,400	23,100	22,600	21,300	23,800	23,300	22,600	23,800
30	12,700	14,800	14,200	15,600	16,200	15,700	14,600	16,700	16,300	15,800	16,800
35	8,500	10,500	9,900	11,200	11,800	11,300	10,200	12,300	11,900	11,400	12,400
40	5,600	7,400	6,900	8,100	8,700	8,300	7,200	9,200	8,800	8,300	9,300
45		5,200	4,700	5,900	6,400	6,000	5,000	6,900	6,500	6,000	7,000
50		3,500	3,000	4,200	4,700	4,300	3,300	5,200	4,800	4,300	5,200
55				2,800	3,300	2,900	2,000	3,800	3,400	2,900	3,800
60				1,700	2,200	1,800		2,700	2,300	1,800	2,700
65								1,800	1,400		1,800
70								1,000			1,000
Unpinned			42,900				47,700				
Min Angle	0.0	0.0	0.0	0.0	0.0	8.5	26.5	22.5	28.0	33.5	24.5
Max Rad.	41.4	53.1	53.5	63.1	64.7	65.0	58.9	70.9	68.0	64.7	71.1
Capacity	5,000	2,800	2,100	1,200	1,400	0	0	0	0	0	0

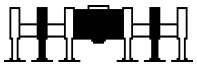
2011010

Radius (ft)	Boom Length (ft) Extend Mode										
	75.0	76.1	85.0	86.0	86.4	87.3	87.8	89.5	99.4	99.5	100.0
	EM3	EM6	EM2	EM1	EM4	EM3	EM5	EM6	EM4	EM2	EM1
12	47,600	47,600									
15	42,000	42,200	46,100	41,700	40,200	46,300	46,600	47,200			
20	35,000	32,700	35,700	32,700	33,700	35,000	34,200	31,400	34,500	35,600	32,800
25	22,700	20,700	23,300	24,200	23,700	22,700	22,000	19,500	22,900	23,200	24,100
30	15,800	14,100	16,300	17,100	16,600	15,800	15,200	12,900	15,900	16,200	17,000
35	11,400	9,700	11,900	12,700	12,200	11,400	10,800	8,700	11,600	11,800	12,600
40	8,300	6,700	8,800	9,600	9,100	8,300	7,700	5,700	8,500	8,700	9,400
45	6,000	4,500	6,500	7,300	6,800	6,100	5,500	3,500	6,200	6,500	7,100
50	4,300	2,800	4,800	5,500	5,100	4,300	3,800	1,900	4,500	4,700	5,400
55	2,900	1,500	3,400	4,100	3,700	3,000	2,400		3,100	3,300	4,000
60	1,800		2,300	3,000	2,600	1,900	1,300		2,000	2,200	2,900
65			1,400	2,100	1,700				1,100	1,300	1,900
70				1,300							1,200
Unpinned		47,600						47,200			
Min Angle	33.0	43.5	39.5	34.5	38.0	43.5	46.5	54.5	49.0	48.0	45.0
Max Rad.	64.9	56.7	67.6	73.2	70.0	65.0	61.7	52.4	66.4	67.8	72.3
Capacity	0	0	0	0	0	0	0	0	0	0	0

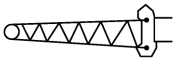
2011010

Not for crane operations

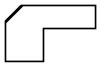
Rated Lifting Capacities In Pounds



Intermediate



10ft Offset Fly
0°- 45° Offset



0 lbs

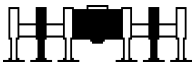
Radius (ft)	Boom Length (ft) Extend Mode 100.0 EM3	110.0 EM2	111.2 EM1
20	34,300	32,700	27,200
25	22,100	22,700	23,900
30	15,300	15,700	16,900
35	10,900	11,400	12,500
40	7,800	8,300	9,400
45	5,600	6,100	7,000
50	3,900	4,300	5,300
55	2,500	3,000	3,900
60	1,400	1,900	2,800
65			1,800
70			1,100
Unpinned			
Min Angle	52.0	54.5	51.0
Max Rad.	62.4	65.0	71.8
Capacity	0	0	0

2011010

For sales use only

Not for crane operations

Rated Lifting Capacities In Pounds



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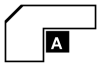


4,000 lbs

Radius (ft)	Boom Length (ft) Extend Mode										
	38.3	50.0	50.5	60.0	61.7	62.1	63.0	73.8	74.3	74.7	75.0
	ALL	EM1,2,3,4,5	EM6	EM2	EM1, EM4	EM3, EM5	EM6	EM4	EM2	EM5	EM1
10	126,900	86,000	128,600	90,200	58,400	90,400	128,800				
12	110,800	80,400	116,900	85,000	54,200	85,400	117,900	55,600	59,800	88,300	55,500
15	62,800	68,300	67,300	70,500	49,000	70,800	68,800	50,900	54,200	71,500	50,900
20	32,800	37,500	36,700	39,100	40,100	39,400	37,800	41,300	40,700	39,900	41,400
25	19,500	24,000	23,300	25,500	26,400	25,800	24,400	27,400	26,900	26,200	27,500
30	12,000	16,200	15,600	17,800	18,600	18,100	16,800	19,600	19,100	18,500	19,600
35		11,200	10,600	12,800	13,600	13,100	11,900	14,700	14,200	13,600	14,700
40		7,700	7,200	9,300	10,000	9,500	8,400	11,100	10,700	10,100	11,200
45				6,700	7,400	6,900	5,800	8,500	8,100	7,500	8,600
50				4,700	5,400	4,900	3,900	6,400	6,100	5,500	6,500
55						3,400	2,300	4,800	4,500	3,900	4,900
60								3,600	3,200	2,700	3,600
65								2,500	2,100	1,600	2,600
Unpinned			106,000				106,400				
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	31.3	43.0	43.5	53.0	54.7	55.1	56.0	66.8	67.3	67.7	68.0
Capacity	10,300	6,000	5,200	3,700	3,900	3,300	2,000	2,100	1,700	1,100	2,000

2020010

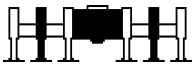
Radius (ft)	Boom Length (ft) Extend Mode										
	75.0	76.1	85.0	86.0	86.4	87.3	87.8	89.5	99.4	99.5	100.0
	EM3	EM6	EM2	EM1	EM4	EM3	EM5	EM6	EM4	EM2	EM1
12	88,300	116,800									
15	71,500	68,500	55,500	45,500	52,800	64,900	70,700	66,900			
20	39,900	37,600	40,900	39,600	41,400	40,200	39,400	36,400	40,700	41,100	41,100
25	26,200	24,200	27,100	28,100	27,500	26,500	25,700	23,200	26,900	27,200	28,100
30	18,500	16,600	19,300	20,200	19,700	18,700	18,000	15,800	19,100	19,400	20,200
35	13,600	11,900	14,400	15,300	14,800	13,900	13,200	11,000	14,300	14,500	15,300
40	10,100	8,500	10,900	11,800	11,300	10,400	9,800	7,700	10,800	11,100	11,800
45	7,500	5,900	8,400	9,200	8,700	7,900	7,300	5,200	8,300	8,500	9,200
50	5,500	3,900	6,300	7,200	6,700	5,900	5,300	3,300	6,300	6,600	7,300
55	3,900	2,400	4,700	5,600	5,100	4,300	3,700	1,800	4,800	5,000	5,700
60	2,700		3,400	4,300	3,800	3,000	2,500		3,500	3,700	4,400
65	1,600		2,400	3,200	2,700	2,000	1,400		2,400	2,600	3,300
70			1,500	2,300	1,800	1,100			1,500	1,700	2,400
75				1,500						900	1,600
80											1,000
Unpinned		106,300						66,900			
Min Angle	0.0	30.5	19.5	0.0	21.0	29.0	34.0	46.5	37.5	36.0	30.0
Max Rad.	68.0	60.0	74.1	79.0	75.0	71.1	67.3	57.2	74.1	75.6	81.4
Capacity	1,000	0	0	1,000	0	0	0	0	0	0	0

2020010

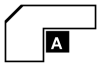
For training use only

Not for crane operations

Rated Lifting Capacities In Pounds



Intermediate



4,000 lbs

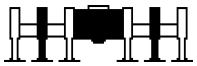
Radius (ft)	Boom Length (ft) Extend Mode 100.0 EM3	100.0 EM5	110.0 EM2	111.2 EM1	125.0 EM1
20	39,700	38,200	40,600	36,400	
25	26,100	24,700	26,800	28,100	27,500
30	18,300	17,100	19,000	20,200	19,700
35	13,500	12,400	14,200	15,300	14,800
40	10,100	9,000	10,700	11,800	11,300
45	7,600	6,500	8,200	9,200	8,800
50	5,600	4,600	6,300	7,300	6,800
55	4,100	3,000	4,700	5,700	5,300
60	2,800	1,800	3,400	4,400	4,000
65	1,700		2,400	3,400	3,000
70			1,500	2,500	2,100
75				1,700	1,300
80				1,000	
Unpinned					
Min Angle	42.5	47.5	44.5	39.0	49.0
Max Rad.	69.2	63.3	74.1	81.7	78.7
Capacity	0	0	0	0	0

2020010

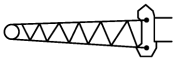
For sales use only

Not for crane operations

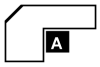
Rated Lifting Capacities In Pounds



Intermediate



10ft Offset Fly
0°- 45° Offset



4,000 lbs

	Boom Length (ft)										
	Extend Mode										
Radius (ft)	38.3	50.0	50.5	60.0	61.7	62.1	63.0	73.8	74.3	74.7	75.0
	ALL	EM1,2,3,4,5	EM6	EM2	EM1, EM4	EM3, EM5	EM6	EM4	EM2	EM5	EM1
10	42,100	42,900	42,900	47,700	47,700	47,700	47,700				
12	41,100	42,100	42,100	42,600	38,900	42,600	42,800	46,400	47,600	47,600	47,600
15	39,400	40,900	40,900	41,500	35,400	41,600	41,700	36,400	41,800	42,000	42,300
20	36,000	38,400	37,900	39,600	31,200	39,800	38,300	32,500	38,700	39,800	32,600
25	22,800	25,100	24,500	26,000	26,600	26,100	24,800	27,300	26,800	26,200	27,300
30	15,500	17,500	16,900	18,300	18,900	18,400	17,200	19,500	19,000	18,400	19,500
35	10,700	12,700	12,200	13,400	14,000	13,600	12,500	14,600	14,200	13,600	14,600
40	7,500	9,300	8,800	10,000	10,600	10,100	9,100	11,100	10,700	10,200	11,100
45		6,900	6,400	7,500	8,100	7,600	6,600	8,600	8,200	7,700	8,600
50		5,000	4,500	5,600	6,200	5,700	4,700	6,600	6,300	5,800	6,700
55				4,100	4,600	4,200	3,300	5,100	4,700	4,200	5,100
60				2,900	3,400	3,000	2,100	3,900	3,500	3,000	3,900
65						2,000		2,800	2,500	2,000	2,900
70								2,000	1,600	1,200	2,000
75								1,300			1,300
Unpinned			42,900				47,700				
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	10.5	0.0	14.5	22.0	0.0
Max Rad.	41.4	53.1	53.5	63.1	64.7	65.2	65.0	76.9	75.0	72.0	78.1
Capacity	6,800	4,100	3,500	2,300	2,500	2,000	0	1,100	0	0	1,000

2021010

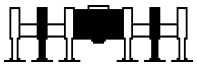
	Boom Length (ft)										
	Extend Mode										
Radius (ft)	75.0	76.1	85.0	86.0	86.4	87.3	87.8	89.5	99.4	99.5	100.0
	EM3	EM6	EM2	EM1	EM4	EM3	EM5	EM6	EM4	EM2	EM1
12	47,600	47,600									
15	42,000	42,200	46,100	41,700	40,200	46,300	46,600	47,200			
20	39,800	37,600	39,600	32,700	33,700	39,900	39,000	36,200	34,500	38,500	32,800
25	26,200	24,200	26,800	27,700	27,200	26,200	25,500	23,000	26,400	26,700	27,600
30	18,400	16,700	19,000	19,900	19,300	18,500	17,800	15,700	18,700	18,900	19,700
35	13,600	12,000	14,100	15,000	14,500	13,600	13,000	10,900	13,800	14,100	14,800
40	10,200	8,600	10,700	11,500	11,000	10,200	9,600	7,600	10,400	10,600	11,300
45	7,700	6,200	8,200	8,900	8,500	7,700	7,100	5,200	7,900	8,100	8,800
50	5,800	4,300	6,200	7,000	6,500	5,800	5,200	3,300	6,000	6,200	6,800
55	4,200	2,800	4,700	5,400	5,000	4,300	3,700	1,900	4,400	4,600	5,300
60	3,000	1,600	3,500	4,200	3,800	3,000	2,500		3,200	3,400	4,000
65	2,000		2,400	3,100	2,700	2,000	1,500		2,200	2,400	3,000
70	1,200		1,600	2,300	1,900	1,200			1,300	1,500	2,100
75				1,600	1,100						1,400
Unpinned		47,600						47,200			
Min Angle	22.5	37.0	31.5	26.5	30.5	37.0	40.0	50.5	44.0	43.0	39.5
Max Rad.	72.0	62.9	75.0	80.0	77.1	71.9	68.6	57.8	73.2	74.6	79.6
Capacity	0	0	0	0	0	0	0	0	0	0	0

2021010

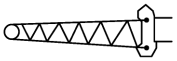
Sales use only

Not for crane operations

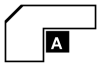
Rated Lifting Capacities In Pounds



Intermediate



10ft Offset Fly
0°- 45° Offset



4,000 lbs

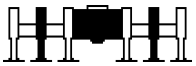
Radius (ft)	Boom Length (ft) Extend Mode				
	100.0		110.0	111.2	125.0
	EM3	EM5	EM2	EM1	EM1
20	39,200	37,700	32,700	27,200	
25	25,600	24,300	26,200	27,200	23,600
30	17,900	16,700	18,500	19,600	19,000
35	13,100	12,000	13,700	14,700	14,100
40	9,700	8,700	10,200	11,200	10,700
45	7,200	6,200	7,700	8,700	8,200
50	5,300	4,300	5,800	6,700	6,200
55	3,800	2,800	4,300	5,200	4,700
60	2,600	1,600	3,000	3,900	3,400
65	1,600		2,000	2,900	2,400
70			1,200	2,100	1,600
75				1,300	
Unpinned					
Min Angle	48.0	51.5	50.5	46.5	54.0
Max Rad.	68.9	63.1	71.8	78.8	74.7
Capacity	0	0	0	0	0

2021010

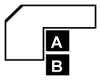
For sales use only

Not for crane operations

Rated Lifting Capacities In Pounds



Intermediate



8,000 lbs

Radius (ft)	Boom Length (ft) Extend Mode										
	38.3	50.0	50.5	60.0	61.7	62.1	63.0	73.8	74.3	74.7	75.0
	ALL	EM1,2,3,4,5	EM6	EM2	EM1, EM4	EM3, EM5	EM6	EM4	EM2	EM5	EM1
10	128,200	86,000	129,900	90,200	58,400	90,400	130,100				
12	117,000	80,400	116,900	85,000	54,200	85,400	117,000	55,600	59,800	88,300	55,500
15	70,800	73,000	75,300	78,200	49,000	78,700	76,800	50,900	54,200	79,500	50,900
20	37,700	42,400	41,500	44,000	42,000	44,300	42,700	44,700	45,600	44,800	44,800
25	23,000	27,500	26,800	29,000	29,800	29,300	27,900	30,900	30,400	29,700	31,000
30	14,700	18,900	18,300	20,600	21,300	20,800	19,500	22,300	21,800	21,200	22,400
35		13,500	12,900	15,100	15,800	15,300	14,100	16,800	16,400	15,900	16,900
40		9,600	9,100	11,200	11,900	11,400	10,300	13,000	12,600	12,000	13,100
45				8,300	9,100	8,600	7,500	10,100	9,700	9,200	10,200
50				6,100	6,900	6,400	5,300	7,900	7,500	7,000	8,000
55						4,700	3,600	6,100	5,800	5,200	6,200
60								4,700	4,400	3,800	4,800
65								3,600	3,200	2,700	3,600
Unpinned			106,000				106,400				
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	31.3	43.0	43.5	53.0	54.7	55.1	56.0	66.8	67.3	67.7	68.0
Capacity	12,900	7,800	7,000	5,000	5,200	4,600	3,200	3,200	2,700	2,100	3,000

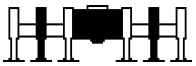
2030010

Radius (ft)	Boom Length (ft) Extend Mode										
	75.0	76.1	85.0	86.0	86.4	87.3	87.8	89.5	99.4	99.5	100.0
	EM3	EM6	EM2	EM1	EM4	EM3	EM5	EM6	EM4	EM2	EM1
12	88,300	116,800									
15	79,400	76,500	55,500	45,500	52,800	64,900	78,800	75,000			
20	44,800	42,500	45,800	39,600	46,300	45,100	44,300	41,300	45,600	45,900	41,100
25	29,700	27,700	30,600	31,600	31,000	30,000	29,200	26,700	30,400	30,700	31,600
30	21,200	19,300	22,000	23,000	22,400	21,500	20,800	18,400	21,900	22,100	23,000
35	15,900	14,100	16,500	17,400	16,900	16,000	15,500	13,200	16,400	16,700	17,400
40	12,000	10,400	12,800	13,700	13,200	12,300	11,700	9,600	12,700	13,000	13,700
45	9,200	7,500	10,000	10,900	10,400	9,600	8,900	6,900	9,900	10,200	10,900
50	7,000	5,400	7,800	8,600	8,100	7,400	6,800	4,700	7,800	8,000	8,700
55	5,200	3,700	6,000	6,900	6,400	5,600	5,000	3,100	6,100	6,300	7,000
60	3,800	2,300	4,600	5,400	5,000	4,200	3,600	1,700	4,600	4,900	5,500
65	2,700		3,400	4,200	3,800	3,000	2,500		3,500	3,700	4,400
70			2,500	3,300	2,800	2,100	1,500		2,500	2,700	3,400
75			1,600	2,400	2,000	1,200			1,600	1,900	2,500
80									900	1,100	1,800
85											1,200
Unpinned		106,300						75,000			
Min Angle	0.0	21.5	0.0	0.0	0.0	14.0	25.0	41.5	30.0	28.0	19.5
Max Rad.	68.0	65.0	78.0	79.0	79.4	77.9	73.7	62.4	80.8	82.5	88.3
Capacity	2,100	0	1,200	1,800	1,300	0	0	0	0	0	0

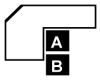
2030010

Not for crane operations

Rated Lifting Capacities In Pounds



Intermediate



8,000 lbs

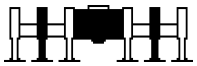
Radius (ft)	Boom Length (ft) Extend Mode							
	100.0		110.0	111.2	113.4	115.0	125.0	125.5
	EM3	EM5	EM2	EM1	EM3	EM4	EM1	EM2
20	44,600	43,100	43,400	36,400	44,200	43,900		
25	29,600	28,200	30,300	31,600	29,200	29,100	29,900	29,800
30	21,100	19,800	21,800	23,000	20,700	20,700	22,400	21,300
35	15,800	14,600	16,300	17,400	15,400	15,400	16,900	15,900
40	12,000	10,900	12,600	13,700	11,700	11,600	13,200	12,200
45	9,200	8,100	9,800	10,900	8,900	8,900	10,400	9,500
50	7,100	6,000	7,700	8,700	6,800	6,800	8,300	7,300
55	5,400	4,300	6,000	7,000	5,100	5,100	6,600	5,600
60	4,000	3,000	4,600	5,600	3,800	3,700	5,200	4,300
65	2,800	1,800	3,500	4,400	2,600	2,600	4,100	3,200
70	1,800		2,500	3,400	1,700	1,600	3,100	2,200
75	1,000		1,600	2,600			2,200	1,400
80			900	1,900			1,500	
85				1,200			900	
Unpinned								
Min Angle	36.0	42.5	39.0	32.5	46.5	47.0	44.5	49.5
Max Rad.	76.1	69.2	80.8	89.0	74.5	74.2	85.8	78.3
Capacity	0	0	0	0	0	0	0	0

2030010

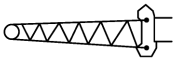
For sales use only

Not for crane operations

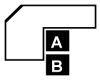
Rated Lifting Capacities In Pounds



Intermediate



10ft Offset Fly
0°- 45° Offset



8,000 lbs

Radius (ft)	Boom Length (ft) Extend Mode										
	38.3	50.0	50.5	60.0	61.7	62.1	63.0	73.8	74.3	74.7	75.0
	ALL	EM1,2,3,4,5	EM6	EM2	EM1, EM4	EM3, EM5	EM6	EM4	EM2	EM5	EM1
10	42,100	42,900	42,900	47,700	47,700	47,700	47,700				
12	41,100	42,100	42,100	42,600	38,900	42,600	42,800	46,400	47,600	47,600	47,600
15	39,400	40,900	40,900	41,500	35,400	41,600	41,700	36,400	41,800	42,000	42,300
20	36,400	38,400	38,600	39,700	31,200	39,900	40,200	32,500	38,700	40,700	32,600
25	26,300	28,600	28,000	29,400	27,500	29,600	28,300	29,100	30,300	29,600	29,200
30	18,100	20,200	19,600	21,000	21,600	21,100	19,900	22,200	21,800	21,200	22,200
35	13,000	14,900	14,400	15,700	16,200	15,800	14,700	16,700	16,300	15,800	16,800
40	9,400	11,200	10,700	11,900	12,500	12,000	11,000	13,000	12,600	12,100	13,000
45		8,500	8,000	9,200	9,700	9,300	8,300	10,200	9,800	9,300	10,200
50		6,400	5,900	7,100	7,600	7,200	6,200	8,100	7,700	7,200	8,100
55				5,400	5,900	5,500	4,600	6,400	6,000	5,500	6,400
60				4,100	4,600	4,200	3,200	5,000	4,700	4,200	5,100
65						3,100	2,100	3,900	3,600	3,100	3,900
70								3,000	2,600	2,200	3,000
75								2,200	1,800	1,400	2,200
Unpinned			42,900				47,700				
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	41.4	53.1	53.5	63.1	64.7	65.2	66.1	76.9	77.4	77.8	78.1
Capacity	8,600	5,500	4,800	3,400	3,600	3,100	2,000	2,000	1,600	1,000	1,800

2031010

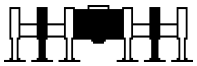
Radius (ft)	Boom Length (ft) Extend Mode										
	75.0	76.1	85.0	86.0	86.4	87.3	87.8	89.5	99.4	99.5	100.0
	EM3	EM6	EM2	EM1	EM4	EM3	EM5	EM6	EM4	EM2	EM1
12	47,600	47,600									
15	42,000	42,200	46,100	41,700	40,200	46,300	46,600	47,200			
20	40,700	40,900	39,600	32,700	33,700	40,800	41,000	41,000	34,500	38,500	32,800
25	29,600	27,700	30,300	29,700	30,500	29,700	29,000	26,500	29,900	30,200	30,300
30	21,200	19,400	21,700	22,600	22,100	21,200	20,500	18,300	21,400	21,700	22,400
35	15,800	14,200	16,300	17,100	16,600	15,800	15,300	13,100	16,000	16,200	16,900
40	12,100	10,500	12,600	13,400	12,900	12,100	11,500	9,500	12,300	12,500	13,200
45	9,300	7,800	9,800	10,600	10,100	9,300	8,800	6,800	9,500	9,800	10,400
50	7,200	5,700	7,700	8,400	8,000	7,200	6,700	4,800	7,400	7,600	8,300
55	5,500	4,100	6,000	6,700	6,300	5,600	5,000	3,200	5,700	5,900	6,600
60	4,200	2,800	4,600	5,400	4,900	4,200	3,700	1,900	4,400	4,600	5,200
65	3,100	1,700	3,500	4,200	3,800	3,100	2,600		3,300	3,500	4,100
70	2,200		2,600	3,300	2,900	2,200	1,600		2,300	2,500	3,100
75	1,400		1,800	2,500	2,100	1,400			1,500	1,700	2,300
80			1,100	1,800	1,400					1,000	1,600
85											1,000
Unpinned		47,600						47,200			
Min Angle	0.0	28.5	21.0	18.0	19.0	29.5	34.0	45.5	39.0	38.0	33.0
Max Rad.	78.1	69.2	82.1	85.0	84.6	78.9	75.0	64.2	79.6	81.3	86.5
Capacity	1,000	0	0	0	0	0	0	0	0	0	0

2031010

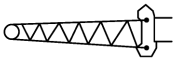
Sales use only

Not for crane operations

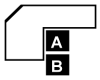
Rated Lifting Capacities In Pounds



Intermediate



10ft Offset Fly
0°- 45° Offset



8,000 lbs

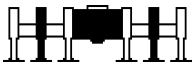
Radius (ft)	Boom Length (ft) Extend Mode							
	100.0		110.0	111.2	113.4	115.0	125.0	125.5
	EM3	EM5	EM2	EM1	EM3	EM4	EM1	EM2
20	40,800	41,100	32,700	27,200	35,500	32,900		
25	29,100	27,800	29,700	27,200	28,600	28,500	23,600	26,600
30	20,600	19,500	21,200	22,300	20,200	20,100	21,700	20,600
35	15,400	14,300	15,800	16,800	14,900	14,900	16,200	15,400
40	11,600	10,600	12,100	13,100	11,200	11,100	12,600	11,600
45	8,900	7,900	9,300	10,300	8,500	8,400	9,800	8,900
50	6,800	5,800	7,200	8,200	6,400	6,300	7,700	6,800
55	5,100	4,100	5,600	6,500	4,700	4,700	6,000	5,100
60	3,800	2,800	4,200	5,100	3,400	3,300	4,600	3,700
65	2,600	1,700	3,100	4,000	2,300	2,200	3,500	2,600
70	1,700		2,100	3,000	1,300	1,300	2,500	1,700
75			1,400	2,200			1,700	
80				1,500			1,100	
Unpinned								
Min Angle	43.0	47.5	45.5	42.0	51.0	51.5	50.0	54.5
Max Rad.	75.0	69.6	78.9	85.0	73.2	72.6	82.1	75.0
Capacity	0	0	0	0	0	0	0	0

2031010

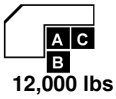
For sales use only

Not for crane operations

Rated Lifting Capacities In Pounds



Intermediate



12,000 lbs

Radius (ft)	Boom Length (ft) Extend Mode										
	38.3	50.0	50.5	60.0	61.7	62.1	63.0	73.8	74.3	74.7	75.0
	ALL	EM1,2,3,4,5	EM6	EM2	EM1, EM4	EM3, EM5	EM6	EM4	EM2	EM5	EM1
10	129,600	86,000	131,300	90,200	58,400	90,400	131,500				
12	113,900	80,400	115,800	85,000	54,200	85,400	116,200	55,600	59,800	88,300	55,500
15	78,900	73,000	83,300	78,200	49,000	78,700	84,800	50,900	54,200	82,400	50,900
20	42,600	47,200	46,400	48,800	42,000	49,100	47,600	44,700	46,800	49,600	44,800
25	26,500	31,000	30,300	32,400	33,300	32,700	31,400	34,300	33,800	33,100	34,400
30	17,400	21,600	21,000	23,300	24,100	23,500	22,200	25,000	24,600	23,900	25,100
35		15,700	15,100	17,200	18,000	17,500	16,300	19,000	18,600	18,000	19,100
40		11,500	10,900	13,100	13,800	13,300	12,200	14,900	14,500	13,900	15,000
45				10,000	10,700	10,200	9,100	11,800	11,400	10,800	11,800
50				7,600	8,300	7,900	6,800	9,400	9,000	8,400	9,400
55						6,000	4,900	7,400	7,100	6,500	7,500
60								5,900	5,500	5,000	6,000
65								4,600	4,300	3,700	4,700
Unpinned			106,000				106,400				
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	31.3	43.0	43.5	53.0	54.7	55.1	56.0	66.8	67.3	67.7	68.0
Capacity	15,500	9,500	8,700	6,400	6,500	5,900	4,500	4,200	3,700	3,100	4,100

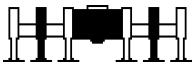
2040010

Radius (ft)	Boom Length (ft) Extend Mode										
	75.0	76.1	85.0	86.0	86.4	87.3	87.8	89.5	99.4	99.5	100.0
	EM3	EM6	EM2	EM1	EM4	EM3	EM5	EM6	EM4	EM2	EM1
12	88,300	115,600									
15	82,400	84,400	55,500	45,500	52,800	64,900	82,000	82,900			
20	49,600	47,400	48,600	39,600	47,000	49,900	49,000	46,200	48,600	47,500	41,100
25	33,100	31,200	34,000	34,900	34,400	33,400	32,600	30,200	33,800	34,100	35,000
30	23,900	22,100	24,700	25,700	25,100	24,200	23,500	21,100	24,600	24,900	25,700
35	18,000	16,200	18,800	19,700	19,100	18,300	17,600	15,500	18,600	18,900	19,700
40	13,900	12,300	14,700	15,600	15,100	14,200	13,600	11,500	14,600	14,900	15,600
45	10,800	9,200	11,600	12,500	12,000	11,200	10,600	8,500	11,600	11,800	12,500
50	8,400	6,800	9,200	10,100	9,600	8,800	8,200	6,200	9,200	9,500	10,200
55	6,500	5,000	7,300	8,200	7,700	6,900	6,300	4,400	7,400	7,600	8,300
60	5,000	3,500	5,800	6,600	6,100	5,400	4,800	2,900	5,800	6,000	6,700
65	3,700	2,200	4,500	5,300	4,900	4,100	3,500	1,600	4,500	4,800	5,400
70			3,400	4,200	3,800	3,000	2,500		3,500	3,700	4,400
75			2,500	3,300	2,900	2,100	1,600		2,600	2,800	3,400
80						1,400			1,800	2,000	2,700
85									1,100	1,300	2,000
90											1,400
Unpinned		106,300						82,900			
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	10.0	35.5	19.5	16.5	0.0
Max Rad.	68.0	69.1	78.0	79.0	79.4	80.3	80.0	67.9	87.5	89.2	93.0
Capacity	3,100	1,300	2,100	2,700	2,200	1,300	0	0	0	0	1,100

2040010

Not for crane operations

Rated Lifting Capacities In Pounds



Intermediate

12,000 lbs

Radius (ft)	Boom Length (ft) Extend Mode 100.0 EM3	100.0 EM5	110.0 EM2	111.2 EM1	113.4 EM3	114.6 EM5	115.0 EM4	125.0 EM1	125.0 EM3	125.5 EM2
20	49,400	47,800	43,400	36,400	45,300	46,900	43,900			
25	32,900	31,700	33,700	35,000	32,600	30,800	32,500	29,900	31,800	33,200
30	23,800	22,600	24,500	25,700	23,500	21,700	23,400	25,200	22,700	24,000
35	17,900	16,700	18,500	19,700	17,600	15,900	17,500	19,200	16,900	18,100
40	13,900	12,800	14,500	15,600	13,600	12,000	13,500	15,100	12,900	14,100
45	10,900	9,800	11,500	12,500	10,600	9,000	10,500	12,100	9,900	11,100
50	8,500	7,500	9,200	10,200	8,300	6,800	8,200	9,700	7,700	8,800
55	6,700	5,600	7,300	8,300	6,400	5,000	6,400	7,900	5,800	6,900
60	5,200	4,100	5,800	6,800	5,000	3,500	4,900	6,400	4,400	5,500
65	3,900	2,900	4,500	5,500	3,700	2,300	3,700	5,100	3,200	4,200
70	2,800	1,800	3,500	4,400	2,600	1,200	2,600	4,100	2,100	3,200
75	1,900	900	2,500	3,500	1,700		1,700	3,200	1,200	2,300
80	1,100		1,800	2,700	1,000		900	2,400		1,500
85			1,100	2,000				1,700		
90				1,400				1,100		
95				900						
Unpinned										
Min Angle	28.5	36.5	33.0	24.0	41.0	48.5	42.5	39.5	49.5	45.0
Max Rad.	82.5	75.6	87.5	96.0	81.0	71.8	80.7	92.5	77.1	85.0
Capacity	0	0	0	0	0	0	0	0	0	0

2040010

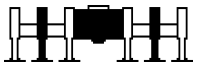
Radius (ft)	Boom Length (ft) Extend Mode 126.3 EM4	137.2 EM1
25	31,700	25,400
30	22,700	24,800
35	16,800	18,800
40	12,900	14,800
45	9,900	11,700
50	7,600	9,400
55	5,800	7,600
60	4,400	6,100
65	3,100	4,800
70	2,100	3,800
75	1,200	2,900
80		2,100
85		1,400
Unpinned		
Min Angle	50.0	47.5
Max Rad.	77.2	90.0
Capacity	0	0

2040010

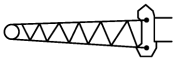
For sales use only

Not for crane operations

Rated Lifting Capacities In Pounds



Intermediate



10ft Offset Fly
0°- 45° Offset

12,000 lbs

Radius (ft)	Boom Length (ft) Extend Mode										
	38.3	50.0	50.5	60.0	61.7	62.1	63.0	73.8	74.3	74.7	75.0
	ALL	EM1,2,3,4,5	EM6	EM2	EM1, EM4	EM3, EM5	EM6	EM4	EM2	EM5	EM1
10	42,100	42,900	42,900	47,700	47,700	47,700	47,700				
12	41,100	42,100	42,100	42,600	38,900	42,600	42,800	46,400	47,600	47,600	47,600
15	39,400	40,900	40,900	41,500	35,400	41,600	41,700	36,400	41,800	42,000	42,300
20	36,400	38,400	38,600	39,700	31,200	39,900	40,200	32,500	38,700	40,700	32,600
25	29,800	32,000	31,500	32,900	27,500	33,000	31,700	29,100	33,700	33,100	29,200
30	20,900	23,000	22,400	23,700	24,400	23,900	22,700	24,900	24,500	23,900	25,000
35	15,200	17,100	16,600	17,800	18,400	18,000	16,800	18,900	18,500	18,000	19,000
40	11,300	13,100	12,600	13,800	14,400	13,900	12,900	14,900	14,500	14,000	14,900
45		10,200	9,700	10,800	11,400	10,900	9,900	11,900	11,500	11,000	11,900
50		7,900	7,400	8,500	9,100	8,600	7,600	9,500	9,200	8,700	9,600
55				6,700	7,200	6,800	5,900	7,700	7,300	6,800	7,700
60				5,300	5,800	5,400	4,400	6,200	5,900	5,400	6,200
65						4,200	3,200	5,000	4,600	4,200	5,000
70								4,000	3,600	3,200	4,000
75								3,100	2,800	2,300	3,100
Unpinned			42,900				47,700				
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	41.4	53.1	53.5	63.1	64.7	65.2	66.1	76.9	77.4	77.8	78.1
Capacity	10,500	6,800	6,200	4,600	4,700	4,200	3,000	2,800	2,400	1,900	2,700

2041010

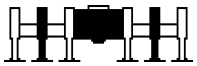
Sales use only

Radius (ft)	Boom Length (ft) Extend Mode										
	75.0	76.1	85.0	86.0	86.4	87.3	87.8	89.5	99.4	99.5	100.0
	EM3	EM6	EM2	EM1	EM4	EM3	EM5	EM6	EM4	EM2	EM1
12	47,600	47,600									
15	42,000	42,200	46,100	41,700	40,200	46,300	46,600	47,200			
20	40,700	40,900	39,600	32,700	33,700	40,800	41,000	41,300	34,500	38,500	32,800
25	33,100	31,200	33,600	29,700	30,500	33,100	32,300	30,000	31,600	33,600	30,300
30	23,900	22,100	24,400	25,300	24,800	23,900	23,300	21,000	24,100	24,400	25,200
35	18,000	16,300	18,500	19,300	18,800	18,000	17,400	15,400	18,200	18,400	19,200
40	14,000	12,400	14,500	15,300	14,800	14,000	13,400	11,400	14,200	14,400	15,100
45	11,000	9,500	11,400	12,200	11,800	11,000	10,400	8,500	11,200	11,400	12,100
50	8,700	7,200	9,100	9,900	9,400	8,700	8,100	6,200	8,900	9,100	9,700
55	6,800	5,400	7,300	8,000	7,600	6,900	6,300	4,500	7,000	7,200	7,900
60	5,400	4,000	5,800	6,500	6,100	5,400	4,900	3,000	5,600	5,800	6,400
65	4,200	2,800	4,600	5,300	4,900	4,200	3,600	1,900	4,300	4,500	5,200
70	3,200	1,800	3,600	4,300	3,900	3,200	2,600		3,300	3,500	4,100
75	2,300		2,700	3,400	3,000	2,300	1,800		2,400	2,600	3,200
80			2,000	2,600	2,200	1,500	1,000		1,700	1,900	2,500
85			1,300	2,000	1,600				1,000	1,200	1,800
90											1,300
Unpinned		47,600						47,200			
Min Angle	0.0	19.0	0.0	0.0	0.0	20.5	26.5	40.5	32.5	30.5	25.0
Max Rad.	78.1	75.0	88.1	89.0	89.5	85.0	81.3	70.0	86.5	88.5	93.8
Capacity	1,900	0	1,000	1,600	1,100	0	0	0	0	0	0

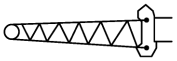
2041010

Not for crane operations

Rated Lifting Capacities In Pounds



Intermediate



10ft Offset Fly
0°- 45° Offset

12,000 lbs

Radius (ft)	Boom Length (ft) Extend Mode									
	100.0		110.0	111.2	113.4	114.6	115.0	125.0		125.5
	EM3	EM5	EM2	EM1	EM3	EM5	EM4	EM1	EM3	EM2
20	40,800	41,100	32,700	27,200	35,500	39,500	32,900			
25	32,400	31,300	32,700	27,200	31,900	30,200	31,800	23,600	30,400	26,600
30	23,400	22,200	23,900	25,100	22,900	21,200	22,800	23,600	22,100	23,300
35	17,500	16,400	18,000	19,100	17,000	15,600	17,000	18,500	16,300	17,500
40	13,500	12,500	14,000	15,000	13,100	11,600	13,000	14,500	12,400	13,500
45	10,500	9,500	11,000	12,000	10,100	8,600	10,000	11,400	9,400	10,500
50	8,200	7,200	8,700	9,600	7,800	6,400	7,800	9,100	7,100	8,200
55	6,400	5,400	6,900	7,800	6,000	4,600	6,000	7,300	5,400	6,400
60	4,900	4,000	5,400	6,300	4,600	3,200	4,500	5,800	3,900	4,900
65	3,700	2,800	4,200	5,100	3,300	2,000	3,300	4,600	2,700	3,700
70	2,700	1,800	3,100	4,000	2,300	1,000	2,300	3,500	1,700	2,700
75	1,800		2,300	3,100	1,500		1,400	2,700		1,800
80	1,100		1,500	2,400				1,900		1,100
85				1,700				1,200		
90				1,200						
Unpinned										
Min Angle	37.0	43.0	41.5	36.0	47.0	53.0	47.5	46.5	54.0	50.5
Max Rad.	82.1	75.0	85.0	92.9	79.1	70.6	78.9	88.5	74.7	81.8
Capacity	0	0	0	0	0	0	0	0	0	0

2041010

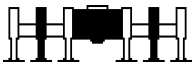
Radius (ft)	Boom Length (ft) Extend Mode	
	126.3	137.2
	EM4	EM1
25	29,000	20,500
30	22,000	20,500
35	16,200	18,000
40	12,300	14,100
45	9,400	11,100
50	7,100	8,700
55	5,300	6,900
60	3,900	5,400
65	2,700	4,200
70	1,700	3,200
75		2,300
80		1,600
Unpinned		
Min Angle	54.5	53.0
Max Rad.	74.7	85.0
Capacity	0	0

2041010

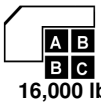
For sales use only

Not for crane operations

Rated Lifting Capacities In Pounds



Intermediate



16,000 lbs

Radius (ft)	Boom Length (ft) Extend Mode										
	38.3	50.0	50.5	60.0	61.7	62.1	63.0	73.8	74.3	74.7	75.0
	ALL	EM1,2,3,4,5	EM6	EM2	EM1, EM4	EM3, EM5	EM6	EM4	EM2	EM5	EM1
10	131,000	86,000	132,700	90,200	58,400	90,400	132,800				
12	115,100	80,400	117,000	85,000	54,200	85,400	117,400	55,600	59,800	88,300	55,500
15	86,900	73,000	91,400	78,200	49,000	78,700	92,800	50,900	54,200	82,400	50,900
20	47,500	52,000	51,200	53,700	42,000	54,000	52,400	44,700	46,800	54,500	44,800
25	30,000	34,400	33,700	35,900	36,700	36,200	34,800	37,800	37,300	36,600	37,900
30	20,100	24,400	23,700	26,000	26,800	26,300	25,000	27,800	27,300	26,700	27,800
35		17,900	17,300	19,500	20,200	19,700	18,500	21,300	20,800	20,200	21,400
40		13,400	12,800	15,000	15,700	15,200	14,100	16,700	16,300	15,800	16,800
45				11,600	12,300	11,900	10,800	13,400	13,000	12,500	13,500
50				9,100	9,800	9,300	8,200	10,800	10,400	9,900	10,900
55						7,300	6,200	8,700	8,400	7,800	8,800
60								7,100	6,700	6,200	7,200
65								5,700	5,300	4,800	5,800
Unpinned			106,000				106,400				
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	31.3	43.0	43.5	53.0	54.7	55.1	56.0	66.8	67.3	67.7	68.0
Capacity	18,100	11,300	10,400	7,800	7,800	7,200	5,800	5,300	4,800	4,200	5,100

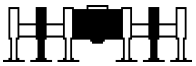
2050010

Radius (ft)	Boom Length (ft) Extend Mode										
	75.0	76.1	85.0	86.0	86.4	87.3	87.8	89.5	99.4	99.5	100.0
	EM3	EM6	EM2	EM1	EM4	EM3	EM5	EM6	EM4	EM2	EM1
12	88,300	116,800									
15	82,400	92,500	55,500	45,500	52,800	64,900	82,000	90,900			
20	54,500	52,100	48,600	39,600	47,000	54,800	53,900	51,000	48,600	47,500	41,100
25	36,600	34,600	37,500	34,900	37,900	36,900	36,100	33,600	37,300	37,600	36,900
30	26,700	24,800	27,500	28,400	27,900	26,900	26,200	23,900	27,300	27,600	28,400
35	20,300	18,500	21,000	21,900	21,400	20,500	19,800	17,600	20,900	21,100	21,900
40	15,800	14,100	16,500	17,400	16,900	16,000	15,500	13,400	16,400	16,600	17,400
45	12,500	10,800	13,300	14,100	13,700	12,800	12,200	10,200	13,200	13,400	14,200
50	9,900	8,300	10,700	11,500	11,100	10,300	9,700	7,600	10,700	10,900	11,600
55	7,800	6,300	8,600	9,500	9,000	8,200	7,600	5,700	8,700	8,900	9,600
60	6,200	4,600	7,000	7,800	7,300	6,600	6,000	4,000	7,000	7,200	7,900
65	4,800	3,300	5,600	6,400	5,900	5,200	4,600	2,700	5,600	5,800	6,500
70			4,400	5,200	4,800	4,000	3,500	1,600	4,500	4,700	5,400
75			3,500	4,200	3,800	3,100	2,500		3,500	3,700	4,400
80						2,200	1,700		2,600	2,800	3,500
85									1,900	2,100	2,800
90									1,300	1,500	2,100
Unpinned		106,300						90,900			
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.0	0.0	0.0	0.0
Max Rad.	68.0	69.1	78.0	79.0	79.4	80.3	80.8	73.7	92.4	92.5	93.0
Capacity	4,100	2,300	2,900	3,600	3,100	2,200	1,500	0	1,000	1,200	1,800

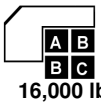
2050010

Not for crane operations

Rated Lifting Capacities In Pounds



Intermediate



16,000 lbs

Radius (ft)	Boom Length (ft) Extend Mode 100.0 EM3	100.0 EM5	110.0 EM2	111.2 EM1	113.4 EM3	114.6 EM5	115.0 EM4	125.0 EM1	125.0 EM3	125.5 EM2
20	54,200	52,700	43,400	36,400	45,300	50,400	43,900			
25	36,400	35,100	37,200	36,400	36,100	34,100	36,000	29,900	35,300	33,300
30	26,500	25,300	27,200	28,400	26,200	24,400	26,100	27,900	25,500	26,800
35	20,100	18,900	20,800	21,900	19,800	18,100	19,700	21,400	19,100	20,300
40	15,800	14,700	16,300	17,400	15,500	13,900	15,400	16,900	14,800	15,900
45	12,500	11,400	13,100	14,200	12,200	10,700	12,200	13,700	11,600	12,700
50	10,000	8,900	10,600	11,600	9,700	8,200	9,700	11,200	9,100	10,200
55	8,000	6,900	8,600	9,600	7,700	6,300	7,700	9,200	7,100	8,200
60	6,300	5,300	7,000	8,000	6,100	4,700	6,100	7,600	5,600	6,600
65	5,000	4,000	5,600	6,600	4,800	3,300	4,700	6,200	4,200	5,300
70	3,800	2,800	4,400	5,400	3,600	2,200	3,600	5,100	3,100	4,200
75	2,800	1,900	3,500	4,400	2,700	1,300	2,600	4,100	2,100	3,200
80	2,000	1,000	2,600	3,600	1,800		1,800	3,200	1,300	2,300
85	1,300		1,900	2,800	1,100		1,000	2,500		1,600
90			1,200	2,200				1,800		1,000
95				1,600				1,200		
Unpinned										
Min Angle	19.0	30.0	25.5	18.0	36.0	45.0	37.5	34.5	46.0	40.5
Max Rad.	88.6	81.4	94.0	100.0	87.1	77.4	86.7	99.0	83.4	91.7
Capacity	0	0	0	0	0	0	0	0	0	0

2050010

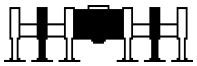
Radius (ft)	Boom Length (ft) Extend Mode 126.3 EM4	137.2 EM1
25	35,200	25,400
30	25,400	25,400
35	19,100	21,000
40	14,800	16,500
45	11,600	13,400
50	9,100	10,900
55	7,100	8,900
60	5,500	7,200
65	4,200	5,900
70	3,100	4,800
75	2,100	3,800
80	1,300	3,000
85		2,200
90		1,600
95		1,000
Unpinned		
Min Angle	46.5	43.0
Max Rad.	83.6	97.0
Capacity	0	0

2050010

For sales use only

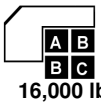
Not for crane operations

Rated Lifting Capacities In Pounds



Intermediate

10ft Offset Fly
0°- 45° Offset



16,000 lbs

Radius (ft)	Boom Length (ft) Extend Mode										
	38.3	50.0	50.5	60.0	61.7	62.1	63.0	73.8	74.3	74.7	75.0
	ALL	EM1,2,3,4,5	EM6	EM2	EM1, EM4	EM3, EM5	EM6	EM4	EM2	EM5	EM1
10	42,100	42,900	42,900	47,700	47,700	47,700	47,700				
12	41,100	42,100	42,100	42,600	38,900	42,600	42,800	46,400	47,600	47,600	47,600
15	39,400	40,900	40,900	41,500	35,400	41,600	41,700	36,400	41,800	42,000	42,300
20	36,400	38,400	38,600	39,700	31,200	39,900	40,200	32,500	38,700	40,700	32,600
25	33,200	34,400	34,900	36,400	27,500	36,500	35,200	29,100	34,400	36,600	29,200
30	23,600	25,700	25,100	26,500	24,600	26,600	25,400	26,300	27,200	26,600	26,400
35	17,400	19,400	18,800	20,100	20,700	20,200	19,100	21,200	20,800	20,200	21,200
40	13,200	15,000	14,500	15,700	16,200	15,800	14,800	16,700	16,300	15,800	16,700
45		11,800	11,300	12,500	13,000	12,600	11,600	13,500	13,100	12,600	13,500
50		9,300	8,900	10,000	10,500	10,100	9,100	11,000	10,600	10,100	11,000
55				8,000	8,500	8,100	7,200	9,000	8,600	8,100	9,000
60				6,400	6,900	6,500	5,600	7,400	7,000	6,600	7,400
65						5,300	4,300	6,100	5,700	5,200	6,100
70								5,000	4,600	4,100	5,000
75								4,000	3,700	3,200	4,000
Unpinned			42,900				47,700				
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	41.4	53.1	53.5	63.1	64.7	65.2	66.1	76.9	77.4	77.8	78.1
Capacity	12,300	8,200	7,500	5,700	5,800	5,200	4,100	3,700	3,300	2,800	3,600

2051010

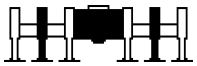
Sales use only

Radius (ft)	Boom Length (ft) Extend Mode										
	75.0	76.1	85.0	86.0	86.4	87.3	87.8	89.5	99.4	99.5	100.0
	EM3	EM6	EM2	EM1	EM4	EM3	EM5	EM6	EM4	EM2	EM1
12	47,600	47,600									
15	42,000	42,200	46,100	41,700	40,200	46,300	46,600	47,200			
20	40,700	40,900	39,600	32,700	33,700	40,800	41,000	41,300	34,500	38,500	32,800
25	36,600	34,600	35,300	29,700	30,500	36,600	35,800	33,400	31,600	35,600	30,300
30	26,600	24,900	27,200	27,000	27,500	26,600	26,000	23,700	26,900	27,100	27,900
35	20,200	18,600	20,700	21,600	21,100	20,200	19,600	17,500	20,400	20,700	21,400
40	15,800	14,300	16,300	17,100	16,600	15,800	15,300	13,300	16,000	16,200	16,900
45	12,600	11,100	13,100	13,900	13,400	12,600	12,100	10,100	12,800	13,000	13,700
50	10,100	8,600	10,600	11,300	10,900	10,100	9,600	7,700	10,300	10,500	11,200
55	8,100	6,700	8,600	9,300	8,900	8,200	7,600	5,800	8,300	8,500	9,200
60	6,600	5,100	7,000	7,700	7,300	6,600	6,000	4,200	6,700	6,900	7,600
65	5,200	3,900	5,700	6,400	6,000	5,200	4,700	2,900	5,400	5,600	6,200
70	4,100	2,800	4,600	5,300	4,800	4,100	3,600	1,900	4,300	4,500	5,100
75	3,200	1,800	3,600	4,300	3,900	3,200	2,700		3,400	3,600	4,200
80			2,800	3,500	3,100	2,400	1,900		2,500	2,700	3,300
85			2,100	2,800	2,400	1,700			1,800	2,000	2,600
90						1,100			1,200	1,400	2,000
95											1,500
Unpinned		47,600						47,200			
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	23.0	35.5	24.5	23.0	15.0
Max Rad.	78.1	79.1	88.1	89.0	89.5	90.4	85.0	75.0	93.5	95.0	100.0
Capacity	2,800	1,200	1,800	2,300	1,900	1,100	0	0	0	0	0

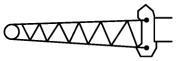
2051010

Not for crane operations

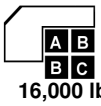
Rated Lifting Capacities In Pounds



Intermediate



10ft Offset Fly
0°- 45° Offset



16,000 lbs

Radius (ft)	Boom Length (ft) Extend Mode 100.0 EM3	100.0 EM5	110.0 EM2	111.2 EM1	113.4 EM3	114.6 EM5	115.0 EM4	125.0 EM1	125.0 EM3	125.5 EM2
20	40,800	41,100	32,700	27,200	35,500	39,500	32,900			
25	35,900	34,700	32,700	27,200	35,400	33,500	32,400	23,600	30,400	26,600
30	26,100	24,900	26,600	27,200	25,600	23,900	25,500	23,600	24,800	26,100
35	19,700	18,600	20,200	21,300	19,300	17,700	19,200	20,700	18,500	19,700
40	15,400	14,400	15,800	16,800	15,000	13,500	14,900	16,200	14,300	15,400
45	12,200	11,100	12,600	13,600	11,800	10,300	11,700	13,100	11,100	12,200
50	9,700	8,700	10,100	11,100	9,300	7,800	9,200	10,600	8,600	9,700
55	7,700	6,700	8,200	9,100	7,300	5,900	7,300	8,600	6,700	7,700
60	6,100	5,200	6,600	7,500	5,700	4,300	5,700	7,000	5,100	6,100
65	4,800	3,900	5,200	6,100	4,400	3,100	4,400	5,600	3,800	4,800
70	3,700	2,800	4,100	5,000	3,300	2,000	3,300	4,500	2,700	3,700
75	2,800	1,800	3,200	4,100	2,400	1,100	2,300	3,600	1,800	2,700
80	2,000	1,100	2,400	3,200	1,600		1,500	2,800	1,000	1,900
85	1,300		1,700	2,500				2,000		1,200
90			1,000	1,900				1,400		
95				1,400						
Unpinned										
Min Angle	31.5	37.5	36.5	29.5	43.5	49.5	44.0	42.5	51.0	47.0
Max Rad.	88.2	81.8	91.5	100.0	85.0	76.5	84.6	95.0	81.1	87.9
Capacity	0	0	0	0	0	0	0	0	0	0

2051010

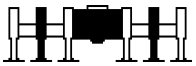
For sales use only

Radius (ft)	Boom Length (ft) Extend Mode 126.3 EM4	137.2 EM1
25	29,000	20,500
30	24,800	20,500
35	18,500	20,300
40	14,200	15,800
45	11,000	12,700
50	8,600	10,200
55	6,600	8,200
60	5,000	6,600
65	3,700	5,300
70	2,700	4,200
75	1,700	3,200
80		2,400
85		1,700
90		1,100
Unpinned		
Min Angle	52.0	49.5
Max Rad.	80.0	92.1
Capacity	0	0

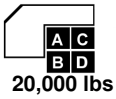
2051010

Not for crane operations

Rated Lifting Capacities In Pounds



Intermediate



20,000 lbs

Radius (ft)	Boom Length (ft) Extend Mode										
	38.3	50.0	50.5	60.0	61.7	62.1	63.0	73.8	74.3	74.7	75.0
	ALL	EM1,2,3,4,5	EM6	EM2	EM1, EM4	EM3, EM5	EM6	EM4	EM2	EM5	EM1
10	132,400	86,000	134,100	90,200	58,400	90,400	134,100				
12	116,400	80,400	118,200	85,000	54,200	85,400	118,600	55,600	59,800	88,300	55,500
15	94,900	73,000	99,400	78,200	49,000	78,700	100,800	50,900	54,200	82,400	50,900
20	52,300	56,900	56,100	58,600	42,000	58,900	57,300	44,700	46,800	59,400	44,800
25	33,500	37,900	37,200	39,500	36,700	39,700	38,300	39,800	40,800	40,100	40,000
30	22,900	27,100	26,500	28,800	29,500	29,000	27,700	30,500	30,000	29,400	30,600
35		20,100	19,500	21,700	22,500	22,000	20,800	23,500	23,100	22,500	23,600
40		15,300	14,700	16,800	17,600	17,100	15,900	18,600	18,200	17,600	18,700
45				13,300	14,000	13,500	12,400	15,100	14,700	14,100	15,100
50				10,500	11,200	10,800	9,700	12,300	11,900	11,300	12,300
55						8,600	7,500	10,000	9,700	9,100	10,100
60								8,300	7,900	7,400	8,300
65								6,800	6,400	5,900	6,900
Unpinned			106,000				106,400				
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	31.3	43.0	43.5	53.0	54.7	55.1	56.0	66.8	67.3	67.7	68.0
Capacity	20,700	13,000	12,100	9,100	9,100	8,500	7,100	6,300	5,800	5,200	6,100

2060010

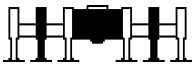
Radius (ft)	Boom Length (ft) Extend Mode										
	75.0	76.1	85.0	86.0	86.4	87.3	87.8	89.5	99.4	99.5	100.0
	EM3	EM6	EM2	EM1	EM4	EM3	EM5	EM6	EM4	EM2	EM1
12	88,300	118,000									
15	82,400	100,500	55,500	45,500	52,800	64,900	82,000	91,500			
20	59,400	57,000	48,600	39,600	47,000	56,200	58,800	55,800	48,600	47,500	41,100
25	40,100	38,100	41,000	34,900	41,400	40,400	39,600	37,100	40,800	41,100	36,900
30	29,400	27,500	30,200	31,100	30,600	29,700	29,000	26,600	30,100	30,300	31,200
35	22,500	20,700	23,200	24,200	23,600	22,700	22,100	19,800	23,100	23,400	24,200
40	17,700	16,000	18,400	19,300	18,800	17,900	17,300	15,300	18,300	18,500	19,300
45	14,100	12,500	14,900	15,800	15,300	14,500	13,900	11,800	14,900	15,100	15,800
50	11,300	9,700	12,100	13,000	12,500	11,700	11,100	9,100	12,100	12,400	13,100
55	9,100	7,600	9,900	10,800	10,300	9,500	8,900	7,000	10,000	10,200	10,900
60	7,400	5,800	8,100	9,000	8,500	7,700	7,200	5,200	8,200	8,400	9,100
65	5,900	4,400	6,700	7,500	7,000	6,300	5,700	3,800	6,700	6,900	7,600
70			5,400	6,200	5,800	5,000	4,500	2,600	5,400	5,700	6,300
75			4,400	5,200	4,700	4,000	3,400	1,500	4,400	4,600	5,300
80						3,100	2,500		3,500	3,700	4,400
85									2,700	2,900	3,600
90									2,000	2,200	2,900
Unpinned		106,300						91,500			
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.0	0.0	0.0	0.0
Max Rad.	68.0	69.1	78.0	79.0	79.4	80.3	80.8	78.9	92.4	92.5	93.0
Capacity	5,100	3,400	3,800	4,400	3,900	3,000	2,400	0	1,700	1,900	2,500

2060010

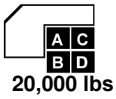
For sales use only

Not for crane operations

Rated Lifting Capacities In Pounds



Intermediate



20,000 lbs

Radius (ft)	Boom Length (ft) Extend Mode									
	100.0		110.0	111.2	113.4	114.6	115.0	125.0		125.5
	EM3	EM5	EM2	EM1	EM3	EM5	EM4	EM1	EM3	EM2
20	58,300	57,600	43,400	36,400	45,300	50,400	43,900			
25	39,900	38,600	40,700	36,400	39,600	37,600	39,500	29,900	38,700	33,300
30	29,300	28,000	30,000	31,200	28,900	27,200	28,900	29,900	28,200	29,500
35	22,400	21,200	23,000	24,100	22,000	20,400	22,000	23,600	21,300	22,600
40	17,600	16,400	18,200	19,300	17,300	15,800	17,200	18,800	16,600	17,800
45	14,200	13,100	14,800	15,800	13,900	12,300	13,800	15,400	13,200	14,400
50	11,500	10,400	12,100	13,100	11,200	9,700	11,100	12,600	10,600	11,700
55	9,300	8,200	9,900	10,900	9,000	7,600	9,000	10,500	8,400	9,600
60	7,500	6,500	8,200	9,200	7,300	5,900	7,300	8,700	6,700	7,800
65	6,000	5,000	6,700	7,700	5,900	4,400	5,800	7,300	5,300	6,400
70	4,800	3,800	5,400	6,400	4,600	3,200	4,600	6,100	4,100	5,200
75	3,800	2,800	4,400	5,300	3,600	2,200	3,500	5,000	3,100	4,100
80	2,900	1,900	3,500	4,400	2,700	1,300	2,600	4,100	2,200	3,200
85	2,100	1,100	2,700	3,600	1,900		1,800	3,300	1,400	2,400
90	1,400		2,000	2,900	1,200		1,200	2,600		1,700
95			1,400	2,300				2,000		1,100
100				1,800				1,400		
105								900		
Unpinned										
Min Angle	0.0	21.5	16.0	0.0	30.0	40.5	31.5	27.0	42.0	35.5
Max Rad.	93.0	87.1	100.0	104.2	93.3	83.1	92.9	106.3	89.3	98.0
Capacity	1,000	0	0	1,400	0	0	0	0	0	0

2060010

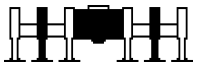
For sales use only

Radius (ft)	Boom Length (ft) Extend Mode			
	126.3	137.2	140.0	150.0
	EM4	EM1	EM2	EM1
25	37,700	25,400		
30	28,200	25,400	28,300	22,500
35	21,300	23,300	21,800	22,500
40	16,600	18,400	17,000	17,700
45	13,200	15,000	13,600	14,400
50	10,500	12,300	10,900	11,600
55	8,400	10,200	8,800	9,500
60	6,700	8,400	7,100	7,800
65	5,300	7,000	5,700	6,400
70	4,100	5,800	4,500	5,100
75	3,000	4,700	3,500	4,100
80	2,100	3,800	2,600	3,200
85	1,400	3,000	1,800	2,400
90		2,300	1,100	1,800
95		1,700		1,100
100		1,200		
Unpinned				
Min Angle	42.5	38.0	47.0	48.0
Max Rad.	89.3	104.0	92.5	98.0
Capacity	0	0	0	0

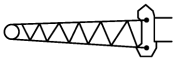
2060010

Not for crane operations

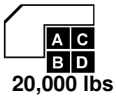
Rated Lifting Capacities In Pounds



Intermediate



10ft Offset Fly
0°- 45° Offset



20,000 lbs

Radius (ft)	Boom Length (ft) Extend Mode										
	38.3	50.0	50.5	60.0	61.7	62.1	63.0	73.8	74.3	74.7	75.0
	ALL	EM1,2,3,4,5	EM6	EM2	EM1, EM4	EM3, EM5	EM6	EM4	EM2	EM5	EM1
10	42,100	42,900	42,900	47,700	47,700	47,700	47,700				
12	41,100	42,100	42,100	42,600	38,900	42,600	42,800	46,400	47,600	47,600	47,600
15	39,400	40,900	40,900	41,500	35,400	41,600	41,700	36,400	41,800	42,000	42,300
20	36,400	38,400	38,600	39,700	31,200	39,900	40,200	32,500	38,700	40,700	32,600
25	34,400	34,400	36,300	36,900	27,500	37,300	38,000	29,100	34,400	38,800	29,200
30	26,300	28,400	27,800	29,200	24,600	29,300	28,100	26,300	30,000	29,400	26,400
35	19,700	21,600	21,000	22,300	22,200	22,400	21,300	23,400	23,000	22,500	23,500
40	15,100	16,900	16,300	17,500	18,100	17,700	16,600	18,600	18,200	17,700	18,600
45		13,500	13,000	14,100	14,700	14,200	13,200	15,100	14,800	14,300	15,200
50		10,800	10,300	11,400	12,000	11,500	10,600	12,400	12,100	11,600	12,500
55				9,300	9,800	9,400	8,500	10,300	9,900	9,400	10,300
60				7,600	8,100	7,700	6,800	8,600	8,200	7,700	8,600
65						6,300	5,400	7,100	6,800	6,300	7,200
70								5,900	5,600	5,100	6,000
75								4,900	4,600	4,100	5,000
Unpinned			42,900				47,700				
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	41.4	53.1	53.5	63.1	64.7	65.2	66.1	76.9	77.4	77.8	78.1
Capacity	14,100	9,500	8,900	6,800	6,800	6,300	5,200	4,600	4,200	3,700	4,500

2061010

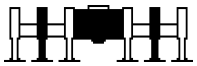
Sales use only

Radius (ft)	Boom Length (ft) Extend Mode										
	75.0	76.1	85.0	86.0	86.4	87.3	87.8	89.5	99.4	99.5	100.0
	EM3	EM6	EM2	EM1	EM4	EM3	EM5	EM6	EM4	EM2	EM1
12	47,600	47,600									
15	42,000	42,200	46,100	41,700	40,200	46,300	46,600	47,200			
20	40,700	40,900	39,600	32,700	33,700	40,800	41,000	41,300	34,500	38,500	32,800
25	38,800	38,100	35,300	29,700	30,500	39,300	39,400	36,900	31,600	35,600	30,300
30	29,400	27,600	29,900	27,000	27,800	29,400	28,700	26,500	29,100	29,900	28,000
35	22,500	20,800	23,000	23,800	23,300	22,500	21,900	19,700	22,700	22,900	23,600
40	17,700	16,100	18,200	19,000	18,500	17,700	17,100	15,200	17,900	18,100	18,800
45	14,300	12,700	14,700	15,500	15,000	14,300	13,700	11,800	14,500	14,700	15,400
50	11,600	10,100	12,000	12,800	12,300	11,600	11,000	9,100	11,800	12,000	12,600
55	9,400	8,000	9,900	10,600	10,200	9,500	8,900	7,100	9,600	9,800	10,500
60	7,700	6,300	8,200	8,900	8,500	7,700	7,200	5,400	7,900	8,100	8,700
65	6,300	4,900	6,700	7,400	7,000	6,300	5,800	4,000	6,500	6,700	7,300
70	5,100	3,800	5,500	6,200	5,800	5,100	4,600	2,800	5,300	5,500	6,100
75	4,100	2,800	4,500	5,200	4,800	4,100	3,600	1,900	4,300	4,500	5,100
80			3,700	4,300	3,900	3,300	2,700	1,000	3,400	3,600	4,200
85			2,900	3,600	3,200	2,500	2,000		2,600	2,800	3,400
90						1,900	1,400		2,000	2,200	2,800
95									1,400	1,600	2,200
100										1,100	1,600
Unpinned		47,600						47,200			
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.0	13.5	0.0	0.0
Max Rad.	78.1	79.1	88.1	89.0	89.5	90.4	90.8	81.1	100.0	102.5	103.1
Capacity	3,600	2,100	2,500	3,100	2,600	1,800	1,300	0	0	900	1,400

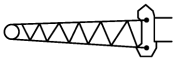
2061010

Not for crane operations

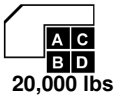
Rated Lifting Capacities In Pounds



Intermediate



10ft Offset Fly
0°- 45° Offset



20,000 lbs

Radius (ft)	Boom Length (ft) Extend Mode									
	100.0		110.0	111.2	113.4	114.6	115.0	125.0		125.5
	EM3	EM5	EM2	EM1	EM3	EM5	EM4	EM1	EM3	EM2
20	40,800	41,100	32,700	27,200	35,500	39,500	32,900			
25	39,500	38,200	32,700	27,200	35,500	37,000	32,400	23,600	30,400	26,600
30	28,800	27,600	29,400	27,200	28,300	26,600	28,300	23,600	27,500	26,600
35	22,000	20,900	22,500	23,500	21,500	19,900	21,400	22,900	20,700	21,900
40	17,200	16,100	17,700	18,700	16,800	15,400	16,700	18,100	16,000	17,200
45	13,800	12,800	14,300	15,300	13,400	11,900	13,300	14,700	12,700	13,800
50	11,100	10,100	11,600	12,500	10,700	9,300	10,700	12,000	10,100	11,100
55	9,000	8,000	9,500	10,400	8,600	7,200	8,600	9,900	8,000	9,000
60	7,300	6,300	7,700	8,700	6,900	5,500	6,800	8,200	6,300	7,300
65	5,900	4,900	6,300	7,200	5,500	4,100	5,400	6,700	4,900	5,900
70	4,700	3,800	5,100	6,000	4,300	3,000	4,300	5,500	3,700	4,700
75	3,700	2,800	4,100	5,000	3,300	2,000	3,200	4,500	2,700	3,700
80	2,800	1,900	3,200	4,100	2,400	1,100	2,400	3,600	1,800	2,800
85	2,100	1,200	2,500	3,300	1,700		1,600	2,800	1,100	2,000
90	1,400		1,800	2,700	1,000		1,000	2,200		1,400
95			1,200	2,100				1,600		
100				1,500				1,100		
105				1,100						
Unpinned										
Min Angle	24.0	32.0	30.5	20.5	38.5	46.0	39.5	37.5	48.0	43.0
Max Rad.	94.6	87.5	100.0	107.5	91.3	81.8	91.3	102.5	86.8	94.6
Capacity	0	0	0	0	0	0	0	0	0	0

2061010

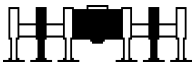
For sales use only

Radius (ft)	Boom Length (ft) Extend Mode			
	126.3	137.2	140.0	150.0
	EM4	EM1	EM2	EM1
25	29,000	20,500		
30	27,500	20,500	23,100	18,500
35	20,700	20,500	21,000	18,500
40	16,000	17,700	16,300	16,900
45	12,700	14,300	13,000	13,600
50	10,000	11,600	10,300	10,900
55	7,900	9,500	8,200	8,800
60	6,200	7,800	6,500	7,100
65	4,800	6,400	5,100	5,700
70	3,600	5,200	3,900	4,500
75	2,600	4,100	2,900	3,500
80	1,800	3,300	2,100	2,600
85	1,000	2,500	1,300	1,900
90		1,800		1,200
95		1,200		
Unpinned				
Min Angle	48.5	47.0	52.5	53.5
Max Rad.	86.3	100.0	88.2	92.9
Capacity	0	0	0	0

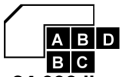
2061010

Not for crane operations

Rated Lifting Capacities In Pounds



Intermediate



24,000 lbs

Radius (ft)	Boom Length (ft) Extend Mode										
	38.3	50.0	50.5	60.0	61.7	62.1	63.0	73.8	74.3	74.7	75.0
	ALL	EM1,2,3,4,5	EM6	EM2	EM1, EM4	EM3, EM5	EM6	EM4	EM2	EM5	EM1
10	133,800	86,000	135,400	90,200	58,400	90,400	135,400				
12	117,600	80,400	119,500	85,000	54,200	85,400	119,800	55,600	59,800	88,300	55,500
15	101,000	73,000	101,400	78,200	49,000	78,700	101,600	50,900	54,200	82,400	50,900
20	57,200	61,800	61,000	63,500	42,000	63,700	62,200	44,700	46,800	64,100	44,800
25	37,000	41,400	40,700	43,000	36,700	43,200	41,800	39,800	41,000	43,600	40,000
30	25,600	29,800	29,200	31,500	32,200	31,700	30,400	33,100	32,700	32,000	33,200
35		22,400	21,800	23,900	24,700	24,200	23,000	25,800	25,300	24,700	25,800
40		17,200	16,600	18,700	19,500	19,000	17,800	20,500	20,100	19,500	20,600
45				14,900	15,600	15,200	14,100	16,600	16,200	15,700	16,700
50				12,000	12,700	12,200	11,100	13,700	13,300	12,800	13,800
55						9,900	8,800	11,300	11,000	10,400	11,400
60								9,400	9,100	8,500	9,500
65								7,900	7,500	7,000	7,900
Unpinned			106,000				106,400				
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	31.3	43.0	43.5	53.0	54.7	55.1	56.0	66.8	67.3	67.7	68.0
Capacity	23,200	14,700	13,800	10,500	10,400	9,800	8,300	7,300	6,800	6,200	7,100

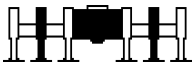
2070010

Radius (ft)	Boom Length (ft) Extend Mode										
	75.0	76.1	85.0	86.0	86.4	87.3	87.8	89.5	99.4	99.5	100.0
	EM3	EM6	EM2	EM1	EM4	EM3	EM5	EM6	EM4	EM2	EM1
12	88,300	119,200									
15	82,400	101,300	55,500	45,500	52,800	64,900	82,000	91,500			
20	64,100	61,900	48,600	39,600	47,000	56,200	63,600	60,700	48,600	47,500	41,100
25	43,600	41,600	43,200	34,900	42,400	43,900	43,100	40,600	44,300	42,200	36,900
30	32,000	30,300	32,800	31,100	33,200	32,300	31,700	29,300	32,700	33,000	33,100
35	24,700	23,000	25,500	26,400	25,900	25,000	24,300	22,100	25,300	25,600	26,400
40	19,500	17,900	20,300	21,200	20,700	19,800	19,200	17,000	20,200	20,400	21,200
45	15,800	14,100	16,500	17,300	16,900	16,000	15,500	13,400	16,400	16,600	17,400
50	12,800	11,200	13,600	14,400	14,000	13,200	12,600	10,600	13,600	13,800	14,500
55	10,400	8,900	11,200	12,100	11,600	10,800	10,200	8,300	11,300	11,500	12,200
60	8,500	7,000	9,300	10,100	9,700	8,900	8,300	6,400	9,300	9,600	10,300
65	7,000	5,400	7,700	8,500	8,100	7,300	6,800	4,800	7,800	8,000	8,700
70			6,400	7,200	6,800	6,000	5,500	3,600	6,400	6,700	7,300
75			5,300	6,100	5,600	4,900	4,300	2,400	5,300	5,500	6,200
80						3,900	3,400	1,500	4,300	4,600	5,200
85									3,500	3,700	4,400
90									2,800	3,000	3,600
Unpinned		106,300						91,500			
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	68.0	69.1	78.0	79.0	79.4	80.3	80.8	82.5	92.4	92.5	93.0
Capacity	6,200	4,400	4,700	5,300	4,800	3,900	3,200	1,100	2,400	2,600	3,200

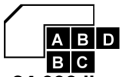
2070010

Not for crane operations

Rated Lifting Capacities In Pounds



Intermediate



24,000 lbs

Radius (ft)	Boom Length (ft) Extend Mode									
	100.0		110.0	111.2	113.4	114.6	115.0	125.0		125.5
	EM3	EM5	EM2	EM1	EM3	EM5	EM4	EM1	EM3	EM2
20	58,300	62,500	43,400	36,400	45,300	50,400	43,900			
25	43,400	42,100	43,400	36,400	43,100	41,100	43,000	29,900	38,700	33,300
30	31,900	30,800	32,600	33,700	31,700	29,900	31,600	29,900	30,900	32,100
35	24,600	23,400	25,200	26,400	24,300	22,600	24,200	25,900	23,600	24,800
40	19,500	18,300	20,100	21,200	19,100	17,500	19,100	20,700	18,500	19,700
45	15,800	14,700	16,300	17,300	15,500	14,000	15,500	16,900	14,900	15,900
50	12,900	11,800	13,500	14,500	12,600	11,100	12,600	14,100	12,000	13,100
55	10,600	9,500	11,200	12,200	10,300	8,900	10,300	11,800	9,700	10,800
60	8,700	7,700	9,300	10,300	8,500	7,000	8,500	9,900	7,900	9,000
65	7,100	6,100	7,800	8,700	6,900	5,500	6,900	8,400	6,400	7,500
70	5,800	4,800	6,400	7,400	5,600	4,200	5,600	7,000	5,100	6,100
75	4,700	3,700	5,300	6,300	4,500	3,100	4,400	5,900	4,000	5,000
80	3,700	2,700	4,300	5,300	3,500	2,100	3,500	4,900	3,000	4,000
85	2,900	1,900	3,500	4,400	2,700	1,300	2,600	4,100	2,200	3,200
90	2,100	1,200	2,700	3,700	1,900		1,900	3,300	1,400	2,500
95			2,100	3,000	1,300		1,200	2,700		1,800
100			1,500	2,400				2,100		1,200
105								1,500		
110								1,100		
Unpinned										
Min Angle	0.0	0.0	0.0	0.0	22.5	36.0	24.5	17.0	37.5	30.5
Max Rad.	93.0	93.0	103.0	104.2	99.2	88.6	99.0	113.8	95.0	104.0
Capacity	1,700	800	1,200	2,000	0	0	0	0	0	0

2070010

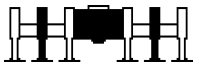
For sales use only

Radius (ft)	Boom Length (ft) Extend Mode				
	126.3	137.2	140.0	140.3	150.0
	EM4	EM1	EM2	EM3	EM1
25	37,700	25,400			
30	30,900	25,400	28,300	30,100	22,500
35	23,600	25,400	24,000	22,800	22,500
40	18,500	20,300	18,900	17,800	19,600
45	14,900	16,500	15,300	14,200	15,800
50	12,000	13,800	12,400	11,400	13,100
55	9,700	11,500	10,100	9,100	10,800
60	7,900	9,600	8,300	7,300	9,000
65	6,400	8,100	6,800	5,800	7,400
70	5,100	6,800	5,500	4,500	6,100
75	4,000	5,600	4,400	3,400	5,000
80	3,000	4,700	3,400	2,500	4,100
85	2,200	3,800	2,600	1,600	3,200
90	1,400	3,100	1,800	900	2,500
95		2,400	1,200		1,800
100		1,800			1,300
105		1,300			
Unpinned					
Min Angle	38.5	34.0	43.5	48.5	45.0
Max Rad.	95.0	110.0	98.3	90.7	104.2
Capacity	0	0	0	0	0

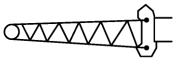
2070010

Not for crane operations

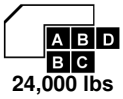
Rated Lifting Capacities In Pounds



Intermediate



10ft Offset Fly
0°- 45° Offset



24,000 lbs

Radius (ft)	Boom Length (ft) Extend Mode										
	38.3	50.0	50.5	60.0	61.7	62.1	63.0	73.8	74.3	74.7	75.0
	ALL	EM1,2,3,4,5	EM6	EM2	EM1, EM4	EM3, EM5	EM6	EM4	EM2	EM5	EM1
10	42,100	42,900	42,900	47,700	47,700	47,700	47,700				
12	41,100	42,100	42,100	42,600	38,900	42,600	42,800	46,400	47,600	47,600	47,600
15	39,400	40,900	40,900	41,500	35,400	41,600	41,700	36,400	41,800	42,000	42,300
20	36,400	38,400	38,600	39,700	31,200	39,900	40,200	32,500	38,700	40,700	32,600
25	34,400	34,400	36,300	36,900	27,500	37,300	38,000	29,100	34,400	38,800	29,200
30	29,100	31,100	30,600	31,800	24,600	32,000	30,900	26,300	30,600	32,000	26,400
35	21,900	23,800	23,300	24,500	22,200	24,700	23,600	24,000	25,300	24,700	24,100
40	16,900	18,800	18,200	19,400	20,000	19,600	18,500	20,500	20,100	19,600	20,500
45		15,100	14,600	15,800	16,200	15,900	14,800	16,700	16,300	15,800	16,700
50		12,300	11,800	12,900	13,400	13,000	12,000	13,900	13,500	13,000	13,900
55				10,600	11,100	10,700	9,800	11,600	11,200	10,700	11,600
60				8,800	9,300	8,900	7,900	9,700	9,400	8,900	9,800
65						7,400	6,400	8,200	7,900	7,400	8,200
70								6,900	6,600	6,100	7,000
75								5,800	5,500	5,000	5,900
Unpinned			42,900				47,700				
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	41.4	53.1	53.5	63.1	64.7	65.2	66.1	76.9	77.4	77.8	78.1
Capacity	15,900	10,900	10,200	7,900	7,900	7,400	6,200	5,500	5,100	4,600	5,300

2071010

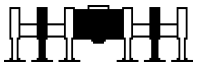
Sales use only

Radius (ft)	Boom Length (ft) Extend Mode										
	75.0	76.1	85.0	86.0	86.4	87.3	87.8	89.5	99.4	99.5	100.0
	EM3	EM6	EM2	EM1	EM4	EM3	EM5	EM6	EM4	EM2	EM1
12	47,600	47,600									
15	42,000	42,200	46,100	41,700	40,200	46,300	46,600	47,200			
20	40,700	40,900	39,600	32,700	33,700	40,800	41,000	41,300	34,500	38,500	32,800
25	38,800	39,200	35,300	29,700	30,500	39,300	39,600	40,100	31,600	35,600	30,300
30	32,000	30,300	32,000	27,000	27,800	32,000	31,500	29,200	29,100	32,400	28,000
35	24,700	23,100	25,200	24,300	25,600	24,700	24,100	22,000	24,900	25,200	25,700
40	19,600	18,000	20,100	20,900	20,400	19,600	19,000	17,000	19,800	20,000	20,700
45	15,800	14,400	16,300	17,000	16,600	15,800	15,400	13,400	16,000	16,200	16,900
50	13,000	11,500	13,500	14,200	13,800	13,000	12,500	10,600	13,200	13,400	14,100
55	10,700	9,300	11,200	11,900	11,500	10,800	10,200	8,400	10,900	11,100	11,800
60	8,900	7,500	9,300	10,100	9,600	8,900	8,400	6,600	9,100	9,300	9,900
65	7,400	6,000	7,800	8,500	8,100	7,400	6,900	5,100	7,600	7,800	8,400
70	6,100	4,800	6,500	7,200	6,800	6,100	5,600	3,800	6,300	6,500	7,100
75	5,000	3,700	5,400	6,100	5,700	5,000	4,500	2,800	5,200	5,400	6,000
80			4,500	5,200	4,800	4,100	3,600	1,900	4,200	4,400	5,000
85			3,700	4,400	4,000	3,300	2,800	1,100	3,400	3,600	4,200
90						2,600	2,100		2,700	2,900	3,500
95									2,100	2,300	2,900
100									1,500	1,700	2,300
Unpinned		47,600						47,200			
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0
Max Rad.	78.1	79.1	88.1	89.0	89.5	90.4	90.8	86.8	102.5	102.5	103.1
Capacity	4,500	3,000	3,300	3,800	3,400	2,600	2,000	0	1,300	1,500	2,000

2071010

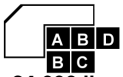
Not for crane operations

Rated Lifting Capacities In Pounds



Intermediate

10ft Offset Fly
0°- 45° Offset



24,000 lbs

Radius (ft)	Boom Length (ft) Extend Mode									
	100.0		110.0	111.2	113.4	114.6	115.0	125.0		125.5
	EM3	EM5	EM2	EM1	EM3	EM5	EM4	EM1	EM3	EM2
20	40,800	41,100	32,700	27,200	35,500	39,500	32,900			
25	39,500	39,900	32,700	27,200	35,500	39,500	32,400	23,600	30,400	26,600
30	31,600	30,400	32,000	27,200	31,100	29,400	30,100	23,600	30,300	26,600
35	24,200	23,100	24,700	25,800	23,700	22,100	23,700	23,600	23,000	24,200
40	19,100	18,000	19,600	20,600	18,600	17,100	18,600	20,000	17,900	19,100
45	15,400	14,400	15,800	16,800	15,000	13,600	15,000	16,200	14,300	15,400
50	12,600	11,600	13,000	14,000	12,200	10,700	12,100	13,500	11,500	12,600
55	10,300	9,300	10,800	11,700	9,900	8,500	9,900	11,200	9,300	10,300
60	8,500	7,500	8,900	9,800	8,100	6,700	8,000	9,300	7,400	8,500
65	6,900	6,000	7,400	8,300	6,600	5,200	6,500	7,800	5,900	6,900
70	5,700	4,800	6,100	7,000	5,300	4,000	5,200	6,500	4,700	5,700
75	4,600	3,700	5,000	5,900	4,200	2,900	4,200	5,400	3,600	4,600
80	3,700	2,800	4,100	4,900	3,300	2,000	3,200	4,500	2,700	3,600
85	2,800	2,000	3,300	4,100	2,500	1,200	2,400	3,600	1,900	2,800
90	2,100	1,300	2,500	3,400	1,800		1,700	2,900	1,200	2,100
95	1,500		1,900	2,800	1,100		1,100	2,300		1,500
100			1,400	2,200				1,700		
105				1,700				1,200		
110				1,200						
Unpinned										
Min Angle	15.0	25.5	22.5	0.0	33.5	42.0	35.0	32.5	44.0	39.5
Max Rad.	100.0	93.2	105.0	114.2	97.5	87.5	97.1	109.4	92.5	100.0
Capacity	0	0	0	900	0	0	0	0	0	0

2071010

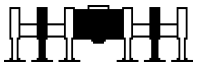
For sales use only

Radius (ft)	Boom Length (ft) Extend Mode				
	126.3	137.2	140.0	140.3	150.0
	EM4	EM1	EM2	EM3	EM1
25	29,000	20,500			
30	29,000	20,500	23,100	25,400	18,500
35	22,900	20,500	23,100	22,100	18,500
40	17,900	19,600	18,200	17,100	18,500
45	14,300	15,800	14,600	13,600	15,300
50	11,500	13,100	11,800	10,800	12,400
55	9,200	10,800	9,500	8,500	10,100
60	7,400	9,000	7,700	6,700	8,300
65	5,900	7,400	6,200	5,200	6,800
70	4,600	6,100	4,900	4,000	5,500
75	3,600	5,100	3,800	2,900	4,400
80	2,600	4,100	2,900	2,000	3,500
85	1,800	3,300	2,100	1,200	2,600
90	1,100	2,600	1,400		1,900
95		1,900			1,300
100		1,400			
Unpinned					
Min Angle	45.0	42.5	49.0	53.0	51.0
Max Rad.	92.1	105.0	94.6	87.5	100.0
Capacity	0	0	0	0	0

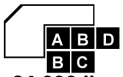
2071010

Not for crane operations

Rated Lifting Capacities In Pounds


Intermediate

35ft Offset Fly



24,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	38.3				61.7				86.0			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
10	28,700											
12	26,800											
15	24,400				25,200							
20	21,100	16,900			23,000				21,300			
25	18,600	15,300	13,000		21,000	16,400			20,700			
30	16,700	14,000	12,100	10,800	19,200	15,400	12,800		19,700	15,800		
35	15,000	12,900	11,400	10,300	17,700	14,400	12,200		18,700	15,100		
40	13,600	12,000	10,800	9,900	16,500	13,600	11,600	10,400	17,700	14,400	12,100	
45	12,500	11,200	10,200	9,600	15,300	12,800	11,200	10,100	16,800	13,800	11,700	10,400
50	11,500	10,500	9,700	9,200	14,300	12,200	10,700	9,800	15,400	13,200	11,300	10,100
55	10,700	9,900	9,300	8,900	13,000	11,600	10,400	9,600	13,100	12,700	11,000	9,900
60	9,900	9,300	8,900		11,100	11,000	10,000	9,300	11,200	12,000	10,700	9,800
65	8,700	8,900			9,500	10,100	9,600	9,100	9,600	10,300	10,400	9,500
70					8,200	8,700	9,100	8,900	8,300	8,900	9,400	9,300
75					7,100	7,500	7,800		7,100	7,700	8,200	8,500
80					6,100	6,500	6,700		6,200	6,700	7,100	7,300
85					5,300	5,500			5,300	5,700	6,100	6,300
90									4,600	5,000	5,200	5,400
95									3,900	4,200	4,500	
100									3,400	3,600	3,800	
105									2,800	3,000	3,100	
110									2,400	2,500		

Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	66.4	66.3	65.0	62.5	89.7	89.5	87.8	84.7	114.0	113.7	111.8	108.3
Capacity	8,400	8,500	8,900	8,900	4,700	4,700	4,900	5,300	2,100	2,100	2,200	2,400

2071070

For sales use only

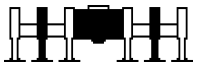
Radius (ft)	Boom Length (ft)											
	Fly Offset											
	111.2				137.2				164.1			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
25	16,200											
30	16,200											
35	16,200				13,200							
40	16,200	14,500			13,200				11,100			
45	16,200	14,100	12,000		13,200	13,700			11,100			
50	14,900	13,600	11,700	10,400	13,200	13,600			11,100			
55	12,500	13,200	11,400	10,200	11,500	12,700	11,600		10,100	11,500		
60	10,600	11,500	11,100	10,000	9,600	10,700	11,400	10,200	8,200	9,500		
65	9,000	9,900	10,600	9,900	8,000	9,000	9,900	10,100	6,700	7,800	8,900	
70	7,700	8,500	9,100	9,600	6,700	7,600	8,400	9,000	5,400	6,500	7,400	8,100
75	6,600	7,300	7,900	8,300	5,600	6,400	7,100	7,700	4,300	5,300	6,100	6,800
80	5,600	6,200	6,800	7,100	4,700	5,400	6,000	6,500	3,400	4,200	5,000	5,600
85	4,800	5,300	5,800	6,100	3,800	4,500	5,100	5,500	2,500	3,400	4,100	4,600
90	4,100	4,500	5,000	5,200	3,100	3,700	4,200	4,600	1,800	2,600	3,200	3,700
95	3,400	3,800	4,200	4,400	2,500	3,000	3,500	3,800	1,200	1,900	2,500	2,900
100	2,800	3,200	3,500	3,700	1,900	2,400	2,800	3,100		1,200	1,800	2,200
105	2,300	2,700	2,900	3,100	1,400	1,800	2,200	2,500			1,200	1,600
110	1,800	2,100	2,400	2,500	900	1,300	1,700	1,900				1,000
115	1,400	1,700	1,900				1,200	1,400				
120	1,000	1,300	1,400									
125		900	1,000									

Min Angle	29.5	30.0	30.0	31.5	49.0	50.0	50.0	50.5	61.0	61.5	62.0	62.0
Max Rad.	122.5	125.6	126.9	125.0	110.6	115.0	118.5	120.0	97.9	103.5	107.9	111.3
Capacity	0	0	0	0	0	0	0	0	0	0	0	0

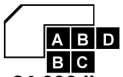
2071070

Not for crane operations

Rated Lifting Capacities In Pounds


Intermediate

35ft Offset Fly



24,000 lbs

Radius (ft)	Boom Length (ft) / Fly Offset 38.3 0°	38.3 15°	38.3 30°	38.3 45°	50.0 0°	50.0 15°	50.0 30°	50.0 45°	74.3 0°	74.3 15°	74.3 30°	74.3 45°
10	28,700											
12	26,800				27,600							
15	24,400				25,500							
20	21,100	16,900			22,600	17,400			23,400			
25	18,600	15,300	13,000		20,200	16,000			21,700	16,900		
30	16,700	14,000	12,100	10,800	18,200	14,800	12,500		20,200	15,900		
35	15,000	12,900	11,400	10,300	16,700	13,800	11,800	10,500	18,800	15,000	12,500	
40	13,600	12,000	10,800	9,900	15,300	12,900	11,300	10,200	17,500	14,200	12,000	10,500
45	12,500	11,200	10,200	9,600	14,100	12,100	10,700	9,900	16,500	13,500	11,500	10,300
50	11,500	10,500	9,700	9,200	13,000	11,400	10,300	9,600	15,100	12,800	11,100	10,000
55	10,700	9,900	9,300	8,900	12,100	10,800	9,900	9,300	12,800	12,200	10,700	9,800
60	9,900	9,300	8,900		10,700	10,300	9,500	9,000	10,900	11,700	10,400	9,600
65	8,700	8,900			9,100	9,700	9,100	8,900	9,300	10,000	10,100	9,300
70					7,800	8,200	8,500		8,000	8,600	9,100	9,100
75					6,700	7,000			6,800	7,400	7,800	8,100
80									5,900	6,300	6,700	6,900
85									5,100	5,400	5,700	
90									4,300	4,600	4,800	
95									3,700	3,900		
100									3,100	3,200		
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	66.4	66.3	65.0	62.5	78.0	77.9	76.4	73.5	102.4	102.1	100.2	96.9
Capacity	8,400	8,500	8,900	8,900	6,200	6,300	6,600	7,200	2,900	3,000	3,100	3,300

2071080

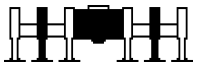
For sales use only

Radius (ft)	Boom Length (ft) / Fly Offset 99.5 0°	99.5 15°	99.5 30°	99.5 45°	125.5 0°	125.5 15°	125.5 30°	125.5 45°	152.4 0°	152.4 15°	152.4 30°	152.4 45°
25	21,100											
30	20,300				17,300							
35	19,400	15,500			17,300							
40	18,500	14,800	12,400		17,300	15,000			13,800			
45	17,400	14,200	12,000	10,500	16,200	14,500			13,800			
50	14,600	13,700	11,600	10,300	13,500	14,100	11,900		12,000	13,700		
55	12,200	13,200	11,300	10,100	11,200	12,400	11,600	10,300	9,700	11,200	11,800	
60	10,300	11,300	11,000	9,900	9,300	10,400	11,400	10,100	7,900	9,200	10,400	
65	8,800	9,600	10,300	9,800	7,700	8,700	9,600	10,000	6,400	7,500	8,600	9,500
70	7,400	8,200	8,800	9,400	6,400	7,300	8,100	8,800	5,100	6,100	7,100	7,900
75	6,300	7,000	7,600	8,000	5,300	6,100	6,900	7,400	4,000	5,000	5,800	6,500
80	5,400	6,000	6,500	6,800	4,400	5,100	5,800	6,200	3,000	3,900	4,700	5,300
85	4,500	5,100	5,500	5,800	3,500	4,200	4,800	5,200	2,200	3,000	3,800	4,300
90	3,800	4,300	4,700	4,900	2,800	3,400	3,900	4,300	1,500	2,300	2,900	3,400
95	3,100	3,600	3,900	4,100	2,200	2,700	3,200	3,500		1,600	2,200	2,600
100	2,600	2,900	3,200	3,300	1,600	2,100	2,500	2,800			1,500	1,900
105	2,100	2,400	2,600		1,100	1,500	1,900	2,100				1,200
110	1,600	1,900	2,000			1,000	1,400	1,600				
115	1,200	1,400	1,500					1,000				
120		1,000										
Min Angle	21.5	22.0	21.5	23.0	46.5	47.5	47.5	47.5	60.0	60.5	60.5	61.0
Max Rad.	119.4	121.5	121.3	119.0	107.5	111.9	115.0	116.5	95.0	100.0	105.0	107.9
Capacity	0	0	0	0	0	0	0	0	0	0	0	0

2071080

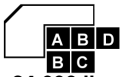
Not for crane operations

Rated Lifting Capacities In Pounds



Intermediate

35ft Offset Fly



24,000 lbs

Radius (ft)	Boom Length (ft) / Fly Offset 38.3 0°	38.3 15°	38.3 30°	38.3 45°	50.0 0°	50.0 15°	50.0 30°	50.0 45°	62.1 0°	62.1 15°	62.1 30°	62.1 45°
10	28,700											
12	26,800				27,600							
15	24,400				25,500				26,000			
20	21,100	16,900			22,600	17,400			23,500			
25	18,600	15,300	13,000		20,200	16,000			21,400	16,600		
30	16,700	14,000	12,100	10,800	18,200	14,800	12,500		19,500	15,500	12,800	
35	15,000	12,900	11,400	10,300	16,700	13,800	11,800	10,500	17,900	14,500	12,200	10,700
40	13,600	12,000	10,800	9,900	15,300	12,900	11,300	10,200	16,700	13,600	11,700	10,400
45	12,500	11,200	10,200	9,600	14,100	12,100	10,700	9,900	15,500	12,900	11,200	10,100
50	11,500	10,500	9,700	9,200	13,000	11,400	10,300	9,600	14,400	12,200	10,700	9,800
55	10,700	9,900	9,300	8,900	12,100	10,800	9,900	9,300	12,700	11,600	10,400	9,600
60	9,900	9,300	8,900		10,700	10,300	9,500	9,000	10,800	11,100	10,000	9,300
65	8,700	8,900			9,100	9,700	9,100	8,900	9,200	9,900	9,700	9,100
70					7,800	8,200	8,500		7,900	8,400	8,900	8,900
75					6,700	7,000			6,800	7,200	7,600	
80									5,800	6,200	6,400	
85									5,000	5,200		
90									4,300			

Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	66.4	66.3	65.0	62.5	78.0	77.9	76.4	73.5	90.2	90.0	88.3	85.1
Capacity	8,400	8,500	8,900	8,900	6,200	6,300	6,600	7,200	4,300	4,400	4,600	4,900

2071090

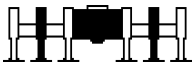
Radius (ft)	Boom Length (ft) / Fly Offset 87.3 0°	87.3 15°	87.3 30°	87.3 45°	113.4 0°	113.4 15°	113.4 30°	113.4 45°	140.3 0°	140.3 15°	140.3 30°	140.3 45°
20	23,700											
25	22,300				20,900							
30	20,900	16,300			20,800							
35	19,700	15,500	12,700		19,900	15,800			17,300			
40	18,500	14,700	12,200		19,100	15,200			17,300			
45	17,300	14,000	11,800	10,400	16,100	14,700	12,200		14,700	14,800		
50	14,400	13,400	11,400	10,200	13,300	14,100	11,900	10,400	11,800	13,500	12,100	
55	12,100	12,800	11,100	10,000	11,000	12,300	11,600	10,200	9,500	11,000	11,900	
60	10,200	11,100	10,700	9,800	9,100	10,200	11,200	10,000	7,700	9,000	10,200	10,200
65	8,700	9,500	10,200	9,600	7,600	8,600	9,500	9,900	6,100	7,300	8,400	9,300
70	7,400	8,100	8,700	9,200	6,300	7,200	8,000	8,600	4,900	5,900	6,900	7,700
75	6,200	6,900	7,400	7,800	5,200	6,000	6,700	7,200	3,800	4,700	5,600	6,300
80	5,300	5,800	6,300	6,600	4,200	5,000	5,600	6,000	2,800	3,700	4,500	5,100
85	4,400	4,900	5,300	5,600	3,400	4,100	4,600	5,000	2,000	2,800	3,500	4,100
90	3,700	4,100	4,500	4,600	2,700	3,300	3,800	4,100	1,300	2,000	2,700	3,200
95	3,100	3,400	3,700		2,000	2,600	3,000	3,300		1,300	1,900	2,400
100	2,500	2,800	3,000		1,500	1,900	2,300	2,600			1,300	1,600
105	2,000	2,200	2,300		900	1,400	1,700	1,900				1,000
110	1,500	1,700					1,100	1,300				
115	1,100											

Min Angle	0.0	0.0	0.0	0.0	42.5	43.0	43.0	43.0	57.5	58.0	58.0	58.5
Max Rad.	115.4	115.1	113.1	109.6	105.6	110.0	112.5	113.8	93.8	98.8	103.2	106.3
Capacity	1,100	1,200	1,200	1,300	0	0	0	0	0	0	0	0

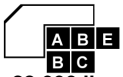
2071090

Not for crane operations

Rated Lifting Capacities In Pounds



Intermediate



28,000 lbs

Radius (ft)	Boom Length (ft) Extend Mode										
	38.3	50.0	50.5	60.0	61.7	62.1	63.0	73.8	74.3	74.7	75.0
	ALL	EM1,2,3,4,5	EM6	EM2	EM1, EM4	EM3, EM5	EM6	EM4	EM2	EM5	EM1
10	135,200	86,000	136,800	90,200	58,400	90,400	136,700				
12	118,900	80,400	120,700	85,000	54,200	85,400	121,000	55,600	59,800	88,300	55,500
15	100,000	73,000	102,100	78,200	49,000	78,700	102,600	50,900	54,200	82,400	50,900
20	62,100	63,600	65,800	68,300	42,000	68,600	67,000	44,700	46,800	69,000	44,800
25	40,500	44,900	44,300	46,500	36,700	46,700	45,300	39,800	41,000	47,100	40,000
30	28,300	32,500	31,900	34,200	32,700	34,400	33,100	35,800	35,400	34,800	35,900
35		24,600	24,000	26,200	27,000	26,400	25,300	28,000	27,600	27,000	28,100
40		19,100	18,500	20,600	21,400	20,900	19,700	22,400	22,000	21,400	22,500
45				16,500	17,200	16,800	15,700	18,300	17,900	17,300	18,400
50				13,400	14,100	13,700	12,600	15,200	14,800	14,200	15,200
55						11,200	10,100	12,600	12,300	11,700	12,700
60								10,600	10,200	9,700	10,700
65								8,900	8,600	8,000	9,000
Unpinned			106,000				106,400				
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	31.3	43.0	43.5	53.0	54.7	55.1	56.0	66.8	67.3	67.7	68.0
Capacity	25,800	16,500	15,500	11,800	11,700	11,100	9,600	8,400	7,900	7,200	8,100

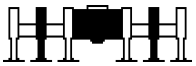
2080010

Radius (ft)	Boom Length (ft) Extend Mode										
	75.0	76.1	85.0	86.0	86.4	87.3	87.8	89.5	99.4	99.5	100.0
	EM3	EM6	EM2	EM1	EM4	EM3	EM5	EM6	EM4	EM2	EM1
12	88,300	120,300									
15	82,400	102,200	55,500	45,500	52,800	64,900	82,000	91,500			
20	69,000	66,700	48,600	39,600	47,000	56,200	68,500	65,500	48,600	47,500	41,100
25	47,100	45,100	43,200	34,900	42,400	47,400	46,600	44,100	44,400	42,200	36,900
30	34,800	32,900	35,600	31,100	36,000	35,000	34,300	32,000	35,400	35,700	33,100
35	27,000	25,200	27,700	28,000	28,100	27,200	26,600	24,300	27,600	27,800	28,600
40	21,400	19,800	22,200	23,100	22,600	21,700	21,100	18,900	22,100	22,300	23,100
45	17,300	15,800	18,100	19,000	18,500	17,700	17,100	15,100	18,000	18,300	19,000
50	14,200	12,600	15,000	15,800	15,400	14,600	14,000	12,000	15,000	15,300	15,900
55	11,700	10,200	12,500	13,400	12,900	12,100	11,500	9,600	12,600	12,800	13,500
60	9,700	8,200	10,500	11,300	10,900	10,100	9,500	7,600	10,500	10,700	11,400
65	8,000	6,500	8,800	9,600	9,200	8,400	7,800	5,900	8,800	9,100	9,700
70			7,400	8,200	7,800	7,000	6,400	4,500	7,400	7,600	8,300
75			6,200	7,000	6,600	5,800	5,300	3,400	6,200	6,400	7,100
80						4,800	4,200	2,300	5,200	5,400	6,100
85									4,300	4,500	5,200
90									3,500	3,700	4,400
Unpinned		106,300						91,500			
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	68.0	69.1	78.0	79.0	79.4	80.3	80.8	82.5	92.4	92.5	93.0
Capacity	7,200	5,400	5,600	6,200	5,600	4,700	4,100	1,900	3,200	3,400	4,000

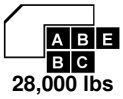
2080010

Not for crane operations

Rated Lifting Capacities In Pounds



Intermediate



28,000 lbs

Radius (ft)	Boom Length (ft) Extend Mode									
	100.0		110.0	111.2	113.4	114.6	115.0	125.0		125.5
	EM3	EM5	EM2	EM1	EM3	EM5	EM4	EM1	EM3	EM2
20	58,300	65,800	43,400	36,400	45,300	50,400	43,900			
25	47,000	45,600	43,400	36,400	45,300	44,600	43,900	29,900	38,700	33,300
30	34,600	33,400	35,300	33,700	34,300	32,500	34,200	29,900	33,500	33,300
35	26,800	25,700	27,500	28,600	26,500	24,800	26,500	28,100	25,800	27,100
40	21,400	20,200	22,000	23,100	21,000	19,400	21,000	22,600	20,400	21,600
45	17,300	16,200	17,900	19,000	17,000	15,600	17,000	18,500	16,400	17,500
50	14,400	13,300	15,000	15,900	14,100	12,600	14,000	15,500	13,500	14,600
55	11,900	10,800	12,500	13,500	11,600	10,200	11,600	13,100	11,000	12,100
60	9,900	8,800	10,500	11,500	9,700	8,200	9,600	11,100	9,100	10,200
65	8,200	7,200	8,800	9,800	8,000	6,600	8,000	9,400	7,500	8,500
70	6,800	5,800	7,400	8,400	6,600	5,200	6,600	8,000	6,100	7,100
75	5,600	4,600	6,200	7,200	5,400	4,000	5,400	6,800	4,900	5,900
80	4,600	3,600	5,200	6,100	4,400	3,000	4,300	5,800	3,900	4,900
85	3,700	2,700	4,300	5,200	3,500	2,100	3,400	4,900	3,000	4,000
90	2,900	1,900	3,500	4,400	2,700	1,300	2,700	4,100	2,200	3,200
95			2,800	3,700	2,000		2,000	3,400	1,500	2,500
100			2,200	3,100	1,400		1,300	2,700	900	1,900
105								2,200		1,300
110								1,700		
115								1,200		
Unpinned										
Min Angle	0.0	0.0	0.0	0.0	11.5	31.0	15.5	0.0	32.5	23.5
Max Rad.	93.0	93.0	103.0	104.2	105.0	93.6	105.0	118.0	100.8	110.0
Capacity	2,500	1,500	1,800	2,700	0	0	0	1,000	0	0

2080010

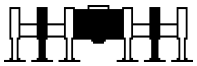
For sales use only

Radius (ft)	Boom Length (ft) Extend Mode					
	126.3	137.2	140.0	140.3	150.0	152.4
	EM4	EM1	EM2	EM3	EM1	EM2
25	37,700	25,400				
30	33,500	25,400	28,300	30,800	22,500	24,400
35	25,800	25,400	26,200	25,100	22,500	24,400
40	20,400	22,200	20,800	19,700	21,500	20,200
45	16,400	18,200	16,800	15,700	17,500	16,200
50	13,400	15,200	13,900	12,800	14,600	13,300
55	11,000	12,800	11,400	10,400	12,100	10,900
60	9,100	10,800	9,500	8,500	10,100	9,000
65	7,400	9,100	7,800	6,800	8,500	7,300
70	6,100	7,800	6,500	5,500	7,100	6,000
75	4,900	6,600	5,300	4,300	6,000	4,800
80	3,800	5,500	4,300	3,300	4,900	3,800
85	2,900	4,600	3,400	2,400	4,000	2,900
90	2,200	3,800	2,600	1,600	3,300	2,100
95	1,500	3,100	1,900	1,000	2,500	1,500
100	900	2,500	1,300		1,900	
105		1,900			1,400	
110		1,400			900	
115		1,000				
Unpinned						
Min Angle	33.5	27.5	40.0	45.0	41.0	48.0
Max Rad.	100.8	117.5	104.2	96.4	111.0	100.0
Capacity	0	0	0	0	0	0

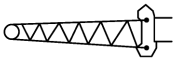
2080010

Not for crane operations

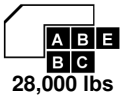
Rated Lifting Capacities In Pounds



Intermediate



10ft Offset Fly
0°- 45° Offset



28,000 lbs

Radius (ft)	Boom Length (ft) Extend Mode										
	38.3	50.0	50.5	60.0	61.7	62.1	63.0	73.8	74.3	74.7	75.0
	ALL	EM1,2,3,4,5	EM6	EM2	EM1, EM4	EM3, EM5	EM6	EM4	EM2	EM5	EM1
10	42,100	42,900	42,900	47,700	47,700	47,700	47,700				
12	41,100	42,100	42,100	42,600	38,900	42,600	42,800	46,400	47,600	47,600	47,600
15	39,400	40,900	40,900	41,500	35,400	41,600	41,700	36,400	41,800	42,000	42,300
20	36,400	38,400	38,600	39,700	31,200	39,900	40,200	32,500	38,700	40,700	32,600
25	34,400	34,400	36,300	36,900	27,500	37,300	38,000	29,100	34,400	38,800	29,200
30	31,800	31,600	33,200	34,100	24,600	34,400	33,500	26,300	30,600	34,700	26,400
35	24,100	26,100	25,500	26,800	22,200	26,900	25,800	24,000	27,500	26,900	24,100
40	18,800	20,700	20,100	21,300	20,300	21,400	20,400	22,100	22,000	21,500	22,200
45		16,700	16,200	17,300	17,900	17,400	16,400	18,300	18,000	17,500	18,400
50		13,700	13,200	14,300	14,900	14,400	13,500	15,300	15,000	14,500	15,400
55				11,900	12,400	12,000	11,100	12,900	12,500	12,000	12,900
60				10,000	10,500	10,100	9,100	10,900	10,600	10,100	10,900
65						8,500	7,500	9,300	8,900	8,500	9,300
70								7,900	7,600	7,100	8,000
75								6,800	6,400	6,000	6,800
Unpinned			42,900				47,700				
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	41.4	53.1	53.5	63.1	64.7	65.2	66.1	76.9	77.4	77.8	78.1
Capacity	17,800	12,300	11,600	9,000	9,000	8,500	7,300	6,400	6,000	5,400	6,200

2081010

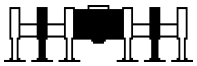
Sales use only

Radius (ft)	Boom Length (ft) Extend Mode										
	75.0	76.1	85.0	86.0	86.4	87.3	87.8	89.5	99.4	99.5	100.0
	EM3	EM6	EM2	EM1	EM4	EM3	EM5	EM6	EM4	EM2	EM1
12	47,600	47,600									
15	42,000	42,200	46,100	41,700	40,200	46,300	46,600	47,200			
20	40,700	40,900	39,600	32,700	33,700	40,800	41,000	41,300	34,500	38,500	32,800
25	38,800	39,200	35,300	29,700	30,500	39,300	39,600	40,100	31,600	35,600	30,300
30	34,700	33,000	32,000	27,000	27,800	34,700	34,100	31,800	29,100	32,400	28,000
35	26,900	25,300	27,400	24,300	25,600	27,000	26,300	24,200	27,000	27,400	25,700
40	21,500	19,900	22,000	22,000	22,300	21,500	20,900	18,900	21,700	21,900	22,600
45	17,500	15,900	17,900	18,700	18,200	17,500	16,900	15,000	17,600	17,900	18,500
50	14,500	13,000	14,900	15,700	15,200	14,500	13,900	12,000	14,700	14,900	15,500
55	12,000	10,600	12,500	13,200	12,800	12,100	11,500	9,700	12,200	12,400	13,100
60	10,100	8,700	10,500	11,200	10,800	10,100	9,600	7,700	10,300	10,500	11,100
65	8,500	7,100	8,900	9,600	9,200	8,500	7,900	6,200	8,600	8,800	9,500
70	7,100	5,700	7,500	8,200	7,800	7,100	6,600	4,800	7,300	7,500	8,100
75	6,000	4,600	6,400	7,100	6,600	6,000	5,400	3,700	6,100	6,300	6,900
80			5,400	6,000	5,600	5,000	4,500	2,700	5,100	5,300	5,900
85			4,500	5,200	4,800	4,100	3,600	1,900	4,200	4,400	5,000
90						3,400	2,900		3,500	3,700	4,300
95									2,800	3,000	3,600
100									2,200	2,400	3,000
Unpinned		47,600						47,200			
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.0	0.0	0.0	0.0
Max Rad.	78.1	79.1	88.1	89.0	89.5	90.4	90.8	90.0	102.5	102.5	103.1
Capacity	5,400	3,800	4,100	4,600	4,100	3,300	2,800	0	2,000	2,200	2,700

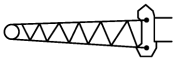
2081010

Not for crane operations

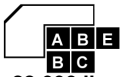
Rated Lifting Capacities In Pounds



Intermediate



10ft Offset Fly
0°- 45° Offset



28,000 lbs

Radius (ft)	Boom Length (ft) Extend Mode									
	100.0		110.0	111.2	113.4	114.6	115.0	125.0		125.5
	EM3	EM5	EM2	EM1	EM3	EM5	EM4	EM1	EM3	EM2
20	40,800	41,100	32,700	27,200	35,500	39,500	32,900			
25	39,500	39,900	32,700	27,200	35,500	39,500	32,400	23,600	30,400	26,600
30	34,200	33,000	32,700	27,200	33,700	32,000	30,100	23,600	30,400	26,600
35	26,400	25,300	26,900	26,300	26,000	24,400	25,900	23,600	25,200	26,400
40	21,000	19,900	21,500	22,500	20,500	19,000	20,500	21,900	19,800	20,900
45	17,000	16,000	17,400	18,400	16,600	15,200	16,500	17,900	15,800	16,900
50	14,000	13,000	14,500	15,500	13,600	12,200	13,600	14,900	13,000	14,000
55	11,600	10,600	12,100	13,000	11,200	9,800	11,200	12,500	10,600	11,600
60	9,600	8,700	10,100	11,000	9,300	7,900	9,200	10,500	8,600	9,600
65	8,000	7,100	8,500	9,400	7,600	6,300	7,600	8,900	7,000	8,000
70	6,700	5,700	7,100	8,000	6,300	4,900	6,200	7,500	5,700	6,600
75	5,500	4,600	5,900	6,800	5,100	3,800	5,100	6,300	4,500	5,500
80	4,500	3,600	4,900	5,800	4,100	2,800	4,100	5,300	3,500	4,500
85	3,600	2,800	4,100	4,900	3,300	2,000	3,200	4,400	2,700	3,600
90	2,900	2,000	3,300	4,200	2,500	1,200	2,500	3,700	1,900	2,900
95	2,200	1,300	2,600	3,500	1,900		1,800	3,000	1,200	2,200
100	1,600		2,000	2,900	1,300		1,200	2,400		1,600
105			1,500	2,300				1,800		1,000
110				1,800				1,400		
115								900		
Unpinned										
Min Angle	0.0	15.5	14.5	0.0	27.5	38.0	29.5	27.0	41.0	34.5
Max Rad.	103.1	99.5	110.0	114.2	103.8	92.9	103.5	115.6	100.0	106.9
Capacity	1,300	0	0	1,500	0	0	0	0	0	0

2081010

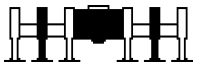
For sales use only

Radius (ft)	Boom Length (ft) Extend Mode					
	126.3	137.2	140.0	140.3	150.0	152.4
	EM4	EM1	EM2	EM3	EM1	EM2
25	29,000	20,500				
30	29,000	20,500	23,100	25,400	18,500	
35	25,200	20,500	23,100	24,400	18,500	20,400
40	19,800	20,500	20,100	19,000	18,500	19,500
45	15,800	17,500	16,100	15,200	16,700	15,700
50	12,900	14,600	13,200	12,200	13,800	12,700
55	10,500	12,100	10,800	9,800	11,400	10,300
60	8,600	10,100	8,900	7,900	9,500	8,300
65	7,000	8,500	7,300	6,300	7,800	6,700
70	5,600	7,100	5,900	5,000	6,500	5,400
75	4,500	6,000	4,700	3,800	5,300	4,200
80	3,500	5,000	3,800	2,800	4,300	3,200
85	2,600	4,100	2,900	2,000	3,400	2,400
90	1,900	3,300	2,100	1,200	2,700	1,600
95	1,200	2,600	1,500		2,000	
100		2,000			1,400	
105		1,500				
110		1,000				
Unpinned						
Min Angle	42.0	38.0	46.5	50.5	48.0	53.5
Max Rad.	100.0	111.9	100.0	92.9	105.0	95.0
Capacity	0	0	0	0	0	0

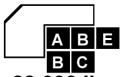
2081010

Not for crane operations

Rated Lifting Capacities In Pounds


Intermediate

35ft Offset Fly



28,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	38.3				61.7				86.0			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
10	28,700											
12	26,800											
15	24,400				25,200							
20	21,100	16,900			23,000				21,300			
25	18,600	15,300	13,000		21,000	16,400			20,700			
30	16,700	14,000	12,100	10,800	19,200	15,400	12,800		19,700	15,800		
35	15,000	12,900	11,400	10,300	17,700	14,400	12,200		18,700	15,100		
40	13,600	12,000	10,800	9,900	16,500	13,600	11,600	10,400	17,700	14,400	12,100	
45	12,500	11,200	10,200	9,600	15,300	12,800	11,200	10,100	16,800	13,800	11,700	10,400
50	11,500	10,500	9,700	9,200	14,300	12,200	10,700	9,800	16,000	13,200	11,300	10,100
55	10,700	9,900	9,300	8,900	13,100	11,600	10,400	9,600	14,400	12,700	11,000	9,900
60	9,900	9,300	8,900		12,000	11,000	10,000	9,300	12,300	12,200	10,700	9,800
65	9,200	8,900			10,600	10,500	9,600	9,100	10,700	11,400	10,400	9,500
70					9,200	9,700	9,300	8,900	9,200	9,900	10,100	9,300
75					8,000	8,400	8,700		8,000	8,600	9,100	9,100
80					7,000	7,300	7,500		7,000	7,500	7,900	8,200
85					6,100	6,300			6,100	6,500	6,900	7,100
90									5,300	5,700	6,000	6,100
95									4,600	5,000	5,200	
100									4,000	4,300	4,400	
105									3,500	3,700	3,800	
110									3,000	3,100		

Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	66.4	66.3	65.0	62.5	89.7	89.5	87.8	84.7	114.0	113.7	111.8	108.3
Capacity	9,000	8,900	8,900	8,900	5,400	5,500	5,700	6,200	2,700	2,700	2,800	3,000

2081070

For sales use only

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	111.2				137.2				164.1			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
25	16,200											
30	16,200											
35	16,200				13,200							
40	16,200	14,500			13,200				11,100			
45	16,200	14,100	12,000		13,200	13,700			11,100			
50	16,100	13,600	11,700	10,400	13,200	13,600			11,100			
55	13,800	13,200	11,400	10,200	12,800	13,300	11,600		11,100	11,600		
60	11,800	12,700	11,100	10,000	10,800	11,900	11,400	10,200	9,400	10,700		
65	10,100	10,900	10,900	9,900	9,100	10,100	11,000	10,100	7,800	8,900	10,000	
70	8,700	9,500	10,100	9,700	7,700	8,600	9,400	9,900	6,400	7,400	8,400	9,100
75	7,500	8,200	8,800	9,200	6,500	7,300	8,000	8,600	5,200	6,200	7,000	7,700
80	6,500	7,100	7,600	8,000	5,500	6,300	6,900	7,400	4,200	5,100	5,900	6,500
85	5,600	6,100	6,600	6,900	4,600	5,300	5,900	6,300	3,300	4,100	4,900	5,400
90	4,800	5,300	5,700	6,000	3,900	4,500	5,000	5,400	2,600	3,300	4,000	4,500
95	4,100	4,600	4,900	5,100	3,200	3,700	4,200	4,500	1,900	2,600	3,200	3,600
100	3,500	3,900	4,200	4,400	2,500	3,100	3,500	3,800	1,300	1,900	2,500	2,900
105	2,900	3,300	3,600	3,700	2,000	2,500	2,900	3,100		1,300	1,800	2,200
110	2,400	2,800	3,000	3,100	1,500	1,900	2,300	2,500			1,200	1,600
115	2,000	2,300	2,400		1,000	1,400	1,800	1,900				1,000
120	1,600	1,800	2,000			1,000	1,300	1,400				
125	1,200	1,400	1,500					1,000				
130	900	1,000										

Min Angle	21.5	22.0	22.0	23.5	46.5	47.0	47.0	47.0	59.5	59.5	60.0	60.0
Max Rad.	130.8	132.5	132.5	130.0	116.9	121.9	124.5	126.5	103.8	109.5	113.5	116.5
Capacity	0	0	0	0	0	0	0	0	0	0	0	0

2081070

Not for crane operations

Rated Lifting Capacities In Pounds

Intermediate | 35ft Offset Fly | A B E B C 28,000 lbs | 360°

Radius (ft)	Boom Length (ft) / Fly Offset 38.3 0°	38.3 15°	38.3 30°	38.3 45°	50.0 0°	50.0 15°	50.0 30°	50.0 45°	74.3 0°	74.3 15°	74.3 30°	74.3 45°
10	28,700											
12	26,800				27,600							
15	24,400				25,500							
20	21,100	16,900			22,600	17,400			23,400			
25	18,600	15,300	13,000		20,200	16,000			21,700	16,900		
30	16,700	14,000	12,100	10,800	18,200	14,800	12,500		20,200	15,900		
35	15,000	12,900	11,400	10,300	16,700	13,800	11,800	10,500	18,800	15,000	12,500	
40	13,600	12,000	10,800	9,900	15,300	12,900	11,300	10,200	17,500	14,200	12,000	10,500
45	12,500	11,200	10,200	9,600	14,100	12,100	10,700	9,900	16,500	13,500	11,500	10,300
50	11,500	10,500	9,700	9,200	13,000	11,400	10,300	9,600	15,500	12,800	11,100	10,000
55	10,700	9,900	9,300	8,900	12,100	10,800	9,900	9,300	14,100	12,200	10,700	9,800
60	9,900	9,300	8,900		11,400	10,300	9,500	9,000	12,000	11,700	10,400	9,600
65	9,200	8,900			10,200	9,800	9,100	8,900	10,400	11,100	10,100	9,300
70					8,800	9,200	8,900		9,000	9,600	9,800	9,100
75					7,700	7,900			7,800	8,300	8,700	9,000
80									6,700	7,200	7,500	7,700
85									5,800	6,200	6,500	
90									5,100	5,400	5,600	
95									4,400	4,600		
100									3,800	3,900		

Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	66.4	66.3	65.0	62.5	78.0	77.9	76.4	73.5	102.4	102.1	100.2	96.9
Capacity	9,000	8,900	8,900	8,900	7,100	7,200	7,500	8,200	3,600	3,600	3,800	4,000

2081080

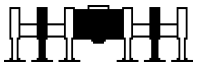
Radius (ft)	Boom Length (ft) / Fly Offset 99.5 0°	99.5 15°	99.5 30°	99.5 45°	125.5 0°	125.5 15°	125.5 30°	125.5 45°	152.4 0°	152.4 15°	152.4 30°	152.4 45°
25	21,100											
30	20,300				17,300							
35	19,400	15,500			17,300							
40	18,500	14,800	12,400		17,300	15,000			13,800			
45	17,600	14,200	12,000	10,500	17,300	14,500			13,800			
50	15,900	13,700	11,600	10,300	14,900	14,100	11,900		13,500	14,000		
55	13,500	13,200	11,300	10,100	12,500	13,700	11,600	10,300	11,000	12,500	11,800	
60	11,500	12,400	11,000	9,900	10,500	11,600	11,400	10,100	9,100	10,400	11,500	
65	9,800	10,700	10,700	9,800	8,800	9,800	10,700	10,000	7,400	8,600	9,700	10,200
70	8,400	9,200	9,800	9,500	7,400	8,300	9,100	9,700	6,100	7,100	8,100	8,900
75	7,200	7,900	8,500	8,900	6,300	7,100	7,800	8,300	4,900	5,900	6,700	7,400
80	6,200	6,800	7,300	7,700	5,200	6,000	6,600	7,100	3,900	4,800	5,600	6,200
85	5,300	5,900	6,300	6,600	4,300	5,000	5,600	6,000	3,000	3,800	4,600	5,100
90	4,500	5,000	5,400	5,600	3,600	4,200	4,700	5,100	2,300	3,000	3,700	4,200
95	3,900	4,300	4,600	4,800	2,900	3,400	3,900	4,200	1,600	2,300	2,900	3,300
100	3,200	3,600	3,900	4,000	2,300	2,800	3,200	3,500	1,000	1,600	2,200	2,500
105	2,700	3,000	3,200		1,700	2,200	2,600	2,800		1,000	1,500	1,900
110	2,200	2,500	2,600		1,200	1,600	2,000	2,200				1,200
115	1,700	2,000	2,100			1,200	1,400	1,600				
120	1,300	1,500					1,000	1,100				
125	1,000	1,100										

Min Angle	0.0	0.0	0.0	0.0	43.5	43.5	44.0	43.5	57.5	58.0	58.5	58.5
Max Rad.	127.5	127.2	125.1	121.4	114.4	118.5	121.5	122.5	101.3	106.5	110.0	113.5
Capacity	900	900	900	1,000	0	0	0	0	0	0	0	0

2081080

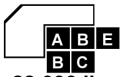
For sales use only
Not for crane operations

Rated Lifting Capacities In Pounds



Intermediate

35ft Offset Fly



28,000 lbs

Radius (ft)	Boom Length (ft) / Fly Offset 38.3 0°	38.3 15°	38.3 30°	38.3 45°	50.0 0°	50.0 15°	50.0 30°	50.0 45°	62.1 0°	62.1 15°	62.1 30°	62.1 45°
10	28,700											
12	26,800				27,600							
15	24,400				25,500				26,000			
20	21,100	16,900			22,600	17,400			23,500			
25	18,600	15,300	13,000		20,200	16,000			21,400	16,600		
30	16,700	14,000	12,100	10,800	18,200	14,800	12,500		19,500	15,500	12,800	
35	15,000	12,900	11,400	10,300	16,700	13,800	11,800	10,500	17,900	14,500	12,200	10,700
40	13,600	12,000	10,800	9,900	15,300	12,900	11,300	10,200	16,700	13,600	11,700	10,400
45	12,500	11,200	10,200	9,600	14,100	12,100	10,700	9,900	15,500	12,900	11,200	10,100
50	11,500	10,500	9,700	9,200	13,000	11,400	10,300	9,600	14,400	12,200	10,700	9,800
55	10,700	9,900	9,300	8,900	12,100	10,800	9,900	9,300	13,500	11,600	10,400	9,600
60	9,900	9,300	8,900		11,400	10,300	9,500	9,000	12,000	11,100	10,000	9,300
65	9,200	8,900			10,200	9,800	9,100	8,900	10,300	10,600	9,700	9,100
70					8,800	9,200	8,900		8,900	9,400	9,300	8,900
75					7,700	7,900			7,700	8,200	8,500	
80									6,700	7,000	7,300	
85									5,800	6,000		
90									5,100			
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	66.4	66.3	65.0	62.5	78.0	77.9	76.4	73.5	90.2	90.0	88.3	85.1
Capacity	9,000	8,900	8,900	8,900	7,100	7,200	7,500	8,200	5,100	5,100	5,400	5,800

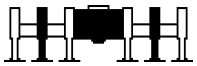
2081090

Radius (ft)	Boom Length (ft) / Fly Offset 87.3 0°	87.3 15°	87.3 30°	87.3 45°	113.4 0°	113.4 15°	113.4 30°	113.4 45°	140.3 0°	140.3 15°	140.3 30°	140.3 45°
20	23,700											
25	22,300				20,900							
30	20,900	16,300			20,800							
35	19,700	15,500	12,700		19,900	15,800			17,300			
40	18,500	14,700	12,200		19,100	15,200			17,300			
45	17,400	14,000	11,800	10,400	17,700	14,700	12,200		16,100	14,800		
50	15,800	13,400	11,400	10,200	14,800	14,100	11,900	10,400	13,200	14,400	12,100	
55	13,400	12,800	11,100	10,000	12,300	13,600	11,600	10,200	10,800	12,300	11,900	
60	11,400	12,300	10,700	9,800	10,300	11,400	11,300	10,000	8,800	10,200	11,300	10,200
65	9,700	10,600	10,500	9,600	8,700	9,700	10,500	9,900	7,200	8,400	9,500	10,100
70	8,300	9,100	9,700	9,400	7,300	8,200	8,900	9,600	5,800	6,900	7,900	8,600
75	7,200	7,800	8,300	8,700	6,100	6,900	7,600	8,100	4,700	5,700	6,500	7,200
80	6,100	6,700	7,200	7,500	5,100	5,800	6,400	6,900	3,700	4,600	5,400	6,000
85	5,200	5,700	6,100	6,400	4,200	4,900	5,400	5,800	2,800	3,600	4,300	4,900
90	4,500	4,900	5,200	5,400	3,400	4,000	4,500	4,800	2,000	2,800	3,400	3,900
95	3,800	4,100	4,400		2,700	3,300	3,700	4,000	1,400	2,100	2,600	3,100
100	3,200	3,500	3,700		2,100	2,600	3,000	3,200		1,400	1,900	2,300
105	2,600	2,800	3,000		1,600	2,000	2,300	2,500			1,300	1,600
110	2,100	2,300			1,100	1,500	1,800	1,900				1,000
115	1,700					1,000	1,200					
Min Angle	0.0	0.0	0.0	0.0	38.0	38.5	39.0	39.0	55.0	55.5	56.0	56.0
Max Rad.	115.4	115.1	113.1	109.6	112.5	116.5	118.5	118.8	99.6	104.6	108.8	111.3
Capacity	1,700	1,700	1,800	1,900	0	0	0	0	0	0	0	0

2081090

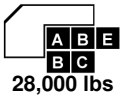
Not for crane operations

Rated Lifting Capacities In Pounds



Intermediate

58ft Offset Fly



28,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	38.3				61.7				86.0			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
15	16,600											
20	14,700				14,300							
25	13,000				13,400				12,400			
30	11,600	9,600			12,500				11,900			
35	10,500	8,800			11,700	9,400			11,500			
40	9,500	8,200	7,200		10,900	8,800			11,000	9,100		
45	8,700	7,600	6,700		10,100	8,300			10,600	8,700		
50	8,100	7,100	6,300	5,700	9,400	7,900	6,700		10,100	8,300		
55	7,500	6,700	6,000	5,500	8,800	7,400	6,400		9,700	7,900	6,700	
60	6,900	6,300	5,700	5,200	8,300	7,100	6,100	5,500	9,200	7,600	6,400	
65	6,500	5,900	5,400	5,100	7,800	6,700	5,900	5,300	8,800	7,300	6,200	5,500
70	6,000	5,600	5,200	4,900	7,300	6,400	5,700	5,200	8,300	7,000	6,000	5,400
75	5,700	5,300	5,000	4,800	6,900	6,100	5,500	5,100	8,000	6,700	5,800	5,200
80	5,300	5,100	4,900	4,800	6,600	5,800	5,300	5,000	7,600	6,500	5,700	5,100
85	5,000	4,900	4,800		6,200	5,600	5,200	4,900	6,800	6,200	5,500	5,000
90					5,900	5,400	5,000	4,800	6,000	6,000	5,400	5,000
95					5,600	5,200	4,900	4,800	5,300	5,800	5,200	4,900
100					5,000	5,000	4,800		4,700	5,300	5,100	4,800
105					4,400	4,700	4,700		4,100	4,600	5,000	4,800
110					3,900	4,100			3,600	4,100	4,400	4,700
115									3,200	3,600	3,900	4,000
120									2,800	3,100	3,300	
125									2,400	2,600	2,800	
130									2,100	2,200		
135									1,800	1,800		

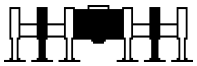
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	89.4	89.2	87.3	84.0	112.7	112.3	109.8	105.3	137.0	136.4	133.5	128.2
Capacity	4,800	4,900	4,800	4,800	3,700	3,800	4,100	4,500	1,700	1,700	1,800	2,100

2081100

For sales use

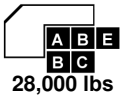
Not for crane operations

Rated Lifting Capacities In Pounds



Intermediate

58ft Offset Fly



28,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	111.2				137.2				164.1			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
30	10,100											
35	10,100											
40	10,100				8,600							
45	10,100				8,600							
50	10,000	8,500			8,600				7,500			
55	9,700	8,200			8,600	8,200			7,500			
60	9,500	7,900			8,600	8,000			7,500			
65	9,200	7,600	6,400		8,600	7,800			7,500	7,800		
70	8,900	7,400	6,300	5,500	8,300	7,600	6,400		7,000	7,600		
75	8,100	7,100	6,100	5,400	7,100	7,400	6,300		5,800	7,300		
80	7,100	6,900	5,900	5,300	6,100	7,200	6,100	5,400	4,800	6,200	6,300	
85	6,200	6,700	5,800	5,200	5,200	6,300	6,000	5,300	3,900	5,200	6,100	
90	5,400	6,200	5,700	5,100	4,400	5,400	5,900	5,200	3,100	4,300	5,400	5,300
95	4,700	5,500	5,500	5,000	3,700	4,600	5,500	5,100	2,400	3,600	4,600	5,200
100	4,100	4,800	5,400	5,000	3,100	3,900	4,700	5,100	1,800	2,900	3,800	4,600
105	3,500	4,100	4,700	4,900	2,500	3,300	4,000	4,600	1,200	2,200	3,100	3,800
110	3,000	3,600	4,100	4,500	2,000	2,800	3,400	3,900		1,700	2,500	3,100
115	2,500	3,100	3,500	3,900	1,600	2,300	2,900	3,300		1,200	1,900	2,500
120	2,100	2,600	3,000	3,300	1,100	1,800	2,300	2,700			1,400	1,900
125	1,700	2,200	2,500	2,800		1,400	1,900	2,200			900	1,400
130	1,400	1,800	2,100	2,300		1,000	1,400	1,700				900
135	1,100	1,400	1,700				1,000	1,300				
140		1,100	1,300					900				
145			900									

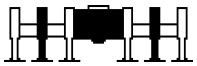
Min Angle	33.0	33.5	34.5	34.5	51.0	51.5	52.5	52.0	62.0	62.5	63.5	63.5
Max Rad.	139.2	144.2	145.8	145.0	124.2	131.9	136.9	140.6	108.5	118.5	125.6	130.6
Capacity	0	0	0	0	0	0	0	0	0	0	0	0

2081100

For sales use only

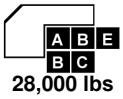
Not for crane operations

Rated Lifting Capacities In Pounds



Intermediate

58ft Offset Fly



28,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	38.3				50.0				74.3			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
15	16,600				16,300							
20	14,700				14,900							
25	13,000				13,600				13,500			
30	11,600	9,600			12,400	9,900			12,700			
35	10,500	8,800			11,300	9,200			12,000			
40	9,500	8,200	7,200		10,300	8,600			11,400	9,100		
45	8,700	7,600	6,700		9,500	8,000	6,900		10,700	8,600		
50	8,100	7,100	6,300	5,700	8,800	7,600	6,600		10,100	8,200	6,900	
55	7,500	6,700	6,000	5,500	8,200	7,100	6,200	5,600	9,500	7,800	6,600	
60	6,900	6,300	5,700	5,200	7,700	6,700	5,900	5,400	8,900	7,400	6,300	5,600
65	6,500	5,900	5,400	5,100	7,200	6,300	5,700	5,200	8,400	7,100	6,100	5,400
70	6,000	5,600	5,200	4,900	6,700	6,000	5,500	5,100	8,000	6,800	5,900	5,300
75	5,700	5,300	5,000	4,800	6,300	5,700	5,300	4,900	7,500	6,500	5,700	5,200
80	5,300	5,100	4,900	4,800	6,000	5,500	5,100	4,900	7,200	6,200	5,500	5,100
85	5,000	4,900	4,800		5,600	5,300	5,000	4,800	6,700	6,000	5,300	5,000
90					5,300	5,100	4,800		5,900	5,700	5,200	4,900
95					5,100	4,900	4,700		5,200	5,500	5,100	4,800
100					4,900	4,800			4,600	5,100	5,000	4,800
105									4,000	4,500	4,800	4,800
110									3,500	3,900	4,200	
115									3,100	3,400	3,600	
120									2,700	2,900		
125									2,400			

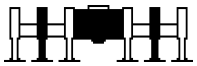
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	89.4	89.2	87.3	84.0	101.0	100.7	98.5	94.5	125.4	124.8	122.0	117.1
Capacity	4,800	4,900	4,800	4,800	4,800	4,800	4,700	4,800	2,400	2,400	2,600	2,900

2081110

For sales use

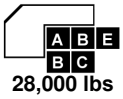
Not for crane operations

Rated Lifting Capacities In Pounds



Intermediate

58ft Offset Fly



28,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	99.5				125.5				152.4			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
30	12,300											
35	11,800				10,800							
40	11,400				10,800							
45	11,000	8,900			10,700				9,200			
50	10,600	8,600			10,500	8,700			9,200			
55	10,200	8,200	6,800		10,200	8,400			9,200			
60	9,800	7,900	6,600		9,900	8,200			9,200	8,300		
65	9,300	7,600	6,400	5,600	9,500	7,900	6,600		8,100	8,100		
70	8,900	7,300	6,200	5,400	8,100	7,700	6,400		6,800	7,900		
75	8,000	7,000	6,000	5,300	6,900	7,400	6,200	5,400	5,600	7,100	6,400	
80	7,000	6,800	5,800	5,200	5,900	7,100	6,100	5,300	4,600	6,000	6,300	5,400
85	6,100	6,500	5,700	5,100	5,000	6,100	5,900	5,300	3,700	5,000	6,100	5,400
90	5,300	6,100	5,500	5,000	4,200	5,200	5,800	5,200	2,900	4,100	5,200	5,300
95	4,600	5,300	5,400	5,000	3,500	4,500	5,300	5,100	2,200	3,300	4,400	5,200
100	3,900	4,600	5,200	4,900	2,900	3,800	4,500	5,000	1,600	2,700	3,600	4,400
105	3,400	4,000	4,500	4,900	2,300	3,100	3,900	4,400	1,000	2,000	2,900	3,600
110	2,900	3,400	3,900	4,200	1,800	2,600	3,200	3,700		1,500	2,300	2,900
115	2,400	2,900	3,300	3,600	1,400	2,100	2,700	3,100		1,000	1,700	2,300
120	2,000	2,400	2,800	3,000	1,000	1,600	2,100	2,500			1,200	1,700
125	1,600	2,000	2,300	2,500		1,200	1,700	2,000				1,200
130	1,300	1,600	1,900				1,200	1,500				
135	1,000	1,200	1,400					1,000				
140		900										

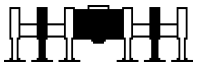
Min Angle	25.5	27.0	26.5	25.5	47.5	49.0	49.5	50.0	60.5	61.0	61.5	61.5
Max Rad.	137.5	140.8	141.9	139.6	121.9	129.4	134.4	136.9	106.5	116.5	123.5	128.5
Capacity	0	0	0	0	0	0	0	0	0	0	0	0

2081110

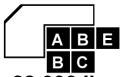
For sales use only

Not for crane operations

Rated Lifting Capacities In Pounds


Intermediate

58ft Offset Fly



28,000 lbs

Radius (ft)	Boom Length (ft) / Fly Offset 38.3 0°	38.3 15°	38.3 30°	38.3 45°	50.0 0°	50.0 15°	50.0 30°	50.0 45°	62.1 0°	62.1 15°	62.1 30°	62.1 45°
15	16,600				16,300							
20	14,700				14,900				14,800			
25	13,000				13,600				13,800			
30	11,600	9,600			12,400	9,900			12,800			
35	10,500	8,800			11,300	9,200			11,900	9,500		
40	9,500	8,200	7,200		10,300	8,600			11,000	8,900		
45	8,700	7,600	6,700		9,500	8,000	6,900		10,200	8,400	7,100	
50	8,100	7,100	6,300	5,700	8,800	7,600	6,600		9,500	7,900	6,700	
55	7,500	6,700	6,000	5,500	8,200	7,100	6,200	5,600	8,900	7,500	6,400	5,700
60	6,900	6,300	5,700	5,200	7,700	6,700	5,900	5,400	8,400	7,100	6,200	5,500
65	6,500	5,900	5,400	5,100	7,200	6,300	5,700	5,200	7,900	6,700	5,900	5,300
70	6,000	5,600	5,200	4,900	6,700	6,000	5,500	5,100	7,400	6,400	5,700	5,200
75	5,700	5,300	5,000	4,800	6,300	5,700	5,300	4,900	7,000	6,100	5,500	5,100
80	5,300	5,100	4,900	4,800	6,000	5,500	5,100	4,900	6,600	5,900	5,300	5,000
85	5,000	4,900	4,800		5,600	5,300	5,000	4,800	6,200	5,600	5,200	4,900
90					5,300	5,100	4,800		5,900	5,400	5,000	4,800
95					5,100	4,900	4,700		5,400	5,200	4,900	4,800
100					4,900	4,800			4,700	5,100	4,800	
105									4,200	4,500	4,700	
110									3,700	3,900		

Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	89.4	89.2	87.3	84.0	101.0	100.7	98.5	94.5	113.2	112.7	110.2	105.7
Capacity	4,800	4,900	4,800	4,800	4,800	4,800	4,700	4,800	3,500	3,500	3,800	4,200

2081120

For sales us

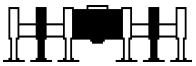
Radius (ft)	Boom Length (ft) / Fly Offset 87.3 0°	87.3 15°	87.3 30°	87.3 45°	113.4 0°	113.4 15°	113.4 30°	113.4 45°	140.3 0°	140.3 15°	140.3 30°	140.3 45°
25	13,600											
30	12,900				12,500							
35	12,300				12,100							
40	11,700	9,400			11,700				11,000			
45	11,200	8,900			11,300	9,200			11,000			
50	10,600	8,500			10,900	8,800			10,800			
55	10,100	8,100	6,700		10,500	8,500			10,500	8,700		
60	9,500	7,700	6,500		10,200	8,100	6,700		9,700	8,400		
65	9,000	7,400	6,300	5,500	9,500	7,900	6,500		8,000	8,100		
70	8,600	7,100	6,100	5,400	8,100	7,600	6,300	5,500	6,600	7,900	6,500	
75	8,000	6,800	5,900	5,200	6,900	7,300	6,200	5,400	5,500	7,000	6,400	
80	7,000	6,500	5,700	5,100	5,900	7,100	6,000	5,300	4,400	5,900	6,200	5,400
85	6,100	6,300	5,500	5,000	5,000	6,100	5,800	5,200	3,600	4,900	6,100	5,300
90	5,300	6,100	5,400	5,000	4,200	5,200	5,700	5,100	2,800	4,000	5,100	5,200
95	4,600	5,300	5,300	4,900	3,500	4,400	5,200	5,000	2,100	3,200	4,300	5,100
100	4,000	4,600	5,100	4,800	2,900	3,700	4,500	5,000	1,500	2,500	3,500	4,200
105	3,400	4,000	4,500	4,800	2,300	3,100	3,800	4,300		1,900	2,800	3,500
110	2,900	3,400	3,800	4,100	1,800	2,500	3,100	3,600		1,300	2,100	2,800
115	2,500	2,900	3,200	3,400	1,400	2,000	2,600	2,900			1,600	2,100
120	2,000	2,400	2,700		900	1,500	2,000	2,400			1,000	1,500
125	1,700	2,000	2,200			1,100	1,500	1,800				1,000
130	1,300	1,600					1,100	1,300				
135	1,000	1,200										

Min Angle	0.0	0.0	0.0	0.0	43.5	44.5	45.0	45.5	58.5	58.5	59.5	59.5
Max Rad.	138.4	137.7	134.8	129.5	120.8	128.1	133.1	134.5	105.0	114.5	121.9	126.5
Capacity	900	900	1,000	1,200	0	0	0	0	0	0	0	0

2081120

Not for crane operations

Rated Lifting Capacities In Pounds



Intermediate

32,000 lbs

Radius (ft)	Boom Length (ft) Extend Mode										
	38.3	50.0	50.5	60.0	61.7	62.1	63.0	73.8	74.3	74.7	75.0
	ALL	EM1,2,3,4,5	EM6	EM2	EM1, EM4	EM3, EM5	EM6	EM4	EM2	EM5	EM1
10	136,600	86,000	138,100	90,200	58,400	90,400	137,600				
12	120,100	80,400	121,900	85,000	54,200	85,400	122,200	55,600	59,800	88,300	55,500
15	101,100	73,000	103,100	78,200	49,000	78,700	103,700	50,900	54,200	82,400	50,900
20	66,900	63,600	70,700	68,900	42,000	69,700	71,800	44,700	46,800	73,900	44,800
25	44,000	48,400	47,700	49,900	36,700	50,100	48,700	39,800	41,000	50,500	40,000
30	31,100	35,200	34,600	36,900	32,700	37,100	35,800	35,800	36,400	37,500	36,000
35		26,900	26,200	28,400	29,200	28,700	27,500	30,200	29,800	29,200	30,300
40		21,000	20,400	22,500	23,200	22,800	21,600	24,300	23,900	23,300	24,400
45				18,200	18,900	18,400	17,300	19,900	19,500	19,000	20,000
50				14,900	15,600	15,100	14,000	16,500	16,200	15,700	16,600
55						12,500	11,400	13,900	13,600	13,000	14,000
60								11,800	11,400	10,900	11,900
65								10,000	9,600	9,100	10,100
Unpinned			106,000				106,400				
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	31.3	43.0	43.5	53.0	54.7	55.1	56.0	66.8	67.3	67.7	68.0
Capacity	28,400	18,200	17,200	13,200	13,100	12,400	10,900	9,400	8,900	8,300	9,200

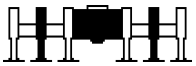
2090010

Radius (ft)	Boom Length (ft) Extend Mode										
	75.0	76.1	85.0	86.0	86.4	87.3	87.8	89.5	99.4	99.5	100.0
	EM3	EM6	EM2	EM1	EM4	EM3	EM5	EM6	EM4	EM2	EM1
12	88,300	120,400									
15	82,400	103,300	55,500	45,500	52,800	64,900	82,000	91,500			
20	73,900	71,600	48,600	39,600	47,000	56,200	73,300	70,400	48,600	47,500	41,100
25	50,500	48,500	43,200	34,900	42,400	49,500	50,000	47,600	44,400	42,200	36,900
30	37,500	35,600	38,300	31,100	38,600	37,800	37,100	34,700	38,100	37,800	33,100
35	29,200	27,400	29,900	28,000	30,300	29,500	28,800	26,600	29,800	30,100	30,200
40	23,300	21,700	24,100	25,000	24,500	23,600	23,000	20,800	24,000	24,200	25,000
45	19,000	17,300	19,800	20,600	20,200	19,300	18,700	16,600	19,700	19,900	20,600
50	15,700	14,100	16,400	17,300	16,800	16,000	15,500	13,500	16,400	16,600	17,300
55	13,000	11,500	13,800	14,700	14,200	13,400	12,800	10,900	13,900	14,100	14,800
60	10,900	9,400	11,700	12,500	12,000	11,300	10,700	8,700	11,700	11,900	12,600
65	9,100	7,600	9,900	10,700	10,200	9,500	8,900	7,000	9,900	10,100	10,800
70			8,400	9,200	8,700	8,000	7,400	5,500	8,400	8,600	9,300
75			7,100	7,900	7,500	6,700	6,200	4,300	7,100	7,400	8,000
80						5,600	5,100	3,200	6,000	6,300	6,900
85									5,100	5,300	6,000
90									4,300	4,500	5,100
Unpinned		106,300						91,500			
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	68.0	69.1	78.0	79.0	79.4	80.3	80.8	82.5	92.4	92.5	93.0
Capacity	8,200	6,400	6,500	7,000	6,500	5,600	4,900	2,700	3,900	4,100	4,700

2090010

Not for crane operations

Rated Lifting Capacities In Pounds



Intermediate

32,000 lbs

Radius (ft)	Boom Length (ft) Extend Mode									
	100.0		110.0	111.2	113.4	114.6	115.0	125.0		125.5
	EM3	EM5	EM2	EM1	EM3	EM5	EM4	EM1	EM3	EM2
20	58,300	65,800	43,400	36,400	45,300	50,400	43,900			
25	50,300	49,000	43,400	36,400	45,300	48,000	43,900	29,900	38,700	33,300
30	37,300	36,100	38,000	33,700	37,000	35,200	36,900	29,900	36,200	33,300
35	29,100	27,900	29,700	30,900	28,700	27,100	28,700	29,900	28,100	29,300
40	23,200	22,100	23,900	25,000	22,900	21,300	22,900	24,500	22,300	23,500
45	19,000	17,900	19,600	20,600	18,700	17,100	18,600	20,200	18,000	19,200
50	15,800	14,800	16,300	17,300	15,500	14,000	15,500	16,900	14,900	15,900
55	13,200	12,100	13,800	14,800	12,900	11,500	12,900	14,400	12,300	13,400
60	11,000	10,000	11,700	12,700	10,800	9,400	10,800	12,300	10,300	11,300
65	9,300	8,300	9,900	10,900	9,100	7,600	9,000	10,500	8,500	9,600
70	7,800	6,800	8,400	9,400	7,600	6,200	7,500	9,000	7,100	8,100
75	6,500	5,500	7,100	8,100	6,300	4,900	6,300	7,700	5,800	6,900
80	5,400	4,400	6,000	7,000	5,200	3,800	5,200	6,600	4,700	5,800
85	4,500	3,500	5,100	6,000	4,300	2,900	4,200	5,700	3,800	4,800
90	3,600	2,700	4,200	5,200	3,400	2,100	3,400	4,800	2,900	4,000
95			3,500	4,400	2,700	1,300	2,700	4,100	2,200	3,200
100			2,800	3,800	2,000		2,000	3,400	1,500	2,600
105					1,500		1,400	2,800	1,000	2,000
110								2,300		1,400
115								1,800		
Unpinned										
Min Angle	0.0	0.0	0.0	0.0	0.0	24.5	0.0	0.0	27.0	16.0
Max Rad.	93.0	93.0	103.0	104.2	106.4	99.2	108.0	118.0	106.7	115.0
Capacity	3,200	2,200	2,500	3,300	1,300	0	1,100	1,600	0	0

2090010

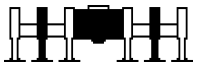
For sales use only

Radius (ft)	Boom Length (ft) Extend Mode						
	126.3	137.2	140.0	140.3	150.0	152.4	164.1
	EM4	EM1	EM2	EM3	EM1	EM2	EM1
25	37,700	25,400					
30	36,200	25,400	28,300	30,800	22,500	24,400	
35	28,000	25,400	28,300	27,300	22,500	24,400	19,600
40	22,200	24,100	22,700	21,600	22,500	22,100	19,600
45	18,000	19,800	18,400	17,300	19,100	17,900	18,500
50	14,900	16,500	15,300	14,300	15,800	14,800	15,400
55	12,300	14,100	12,700	11,700	13,400	12,200	12,800
60	10,200	12,000	10,600	9,600	11,300	10,100	10,700
65	8,500	10,200	8,900	7,900	9,600	8,400	9,000
70	7,000	8,700	7,500	6,500	8,100	7,000	7,500
75	5,800	7,500	6,200	5,300	6,900	5,700	6,300
80	4,700	6,400	5,100	4,200	5,800	4,700	5,200
85	3,700	5,400	4,200	3,200	4,800	3,700	4,300
90	2,900	4,600	3,300	2,400	4,000	2,900	3,500
95	2,200	3,800	2,600	1,700	3,300	2,200	2,700
100	1,500	3,200	1,900	1,000	2,600	1,500	2,100
105	900	2,600	1,300		2,000	900	1,500
110		2,000			1,500		900
115		1,500			1,000		
120		1,100					
Unpinned							
Min Angle	29.0	20.0	36.0	42.0	37.0	45.0	47.0
Max Rad.	106.0	123.8	110.0	101.7	117.0	106.0	111.3
Capacity	0	0	0	0	0	0	0

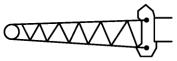
2090010

Not for crane operations

Rated Lifting Capacities In Pounds



Intermediate



10ft Offset Fly
0°- 45° Offset

32,000 lbs

Radius (ft)	Boom Length (ft) Extend Mode										
	38.3	50.0	50.5	60.0	61.7	62.1	63.0	73.8	74.3	74.7	75.0
	ALL	EM1,2,3,4,5	EM6	EM2	EM1, EM4	EM3, EM5	EM6	EM4	EM2	EM5	EM1
10	42,100	42,900	42,900	47,700	47,700	47,700	47,700				
12	41,100	42,100	42,100	42,600	38,900	42,600	42,800	46,400	47,600	47,600	47,600
15	39,400	40,900	40,900	41,500	35,400	41,600	41,700	36,400	41,800	42,000	42,300
20	36,400	38,400	38,600	39,700	31,200	39,900	40,200	32,500	38,700	40,700	32,600
25	34,400	34,400	36,300	36,900	27,500	37,300	38,000	29,100	34,400	38,800	29,200
30	33,400	31,600	34,400	34,100	24,600	34,400	36,200	26,300	30,600	36,500	26,400
35	26,400	28,300	27,800	29,000	22,200	29,100	28,000	24,000	27,600	29,200	24,100
40	20,700	22,600	22,000	23,200	20,300	23,300	22,300	22,100	23,900	23,400	22,200
45		18,300	17,800	19,000	18,600	19,100	18,100	20,000	19,600	19,100	20,000
50		15,200	14,700	15,800	16,300	15,800	14,900	16,700	16,300	15,800	16,700
55				13,200	13,700	13,300	12,400	14,200	13,800	13,300	14,200
60				11,100	11,700	11,300	10,300	12,100	11,700	11,300	12,100
65						9,600	8,600	10,400	10,000	9,500	10,400
70								8,900	8,600	8,100	8,900
75								7,700	7,300	6,900	7,700
Unpinned			42,900				47,700				

Min Angle / Max Rad. / Capacity											
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	41.4	53.1	53.5	63.1	64.7	65.2	66.1	76.9	77.4	77.8	78.1
Capacity	19,600	13,600	12,900	10,100	10,100	9,500	8,300	7,300	6,900	6,300	7,100

2091010

Sales use only

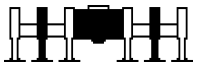
Radius (ft)	Boom Length (ft) Extend Mode										
	75.0	76.1	85.0	86.0	86.4	87.3	87.8	89.5	99.4	99.5	100.0
	EM3	EM6	EM2	EM1	EM4	EM3	EM5	EM6	EM4	EM2	EM1
12	47,600	47,600									
15	42,000	42,200	46,100	41,700	40,200	46,300	46,600	47,200			
20	40,700	40,900	39,600	32,700	33,700	40,800	41,000	41,300	34,500	38,500	32,800
25	38,800	39,200	35,300	29,700	30,500	39,300	39,600	40,100	31,600	35,600	30,300
30	36,500	35,700	32,000	27,000	27,800	37,500	36,800	34,500	29,100	32,400	28,000
35	29,200	27,500	29,000	24,300	25,600	29,200	28,600	26,500	27,000	29,600	25,700
40	23,400	21,800	23,800	22,000	23,700	23,400	22,800	20,800	23,600	23,800	23,600
45	19,100	17,600	19,600	20,100	19,900	19,100	18,500	16,600	19,300	19,500	20,200
50	15,800	14,500	16,300	17,000	16,600	15,800	15,400	13,500	16,000	16,200	16,900
55	13,300	11,900	13,800	14,500	14,100	13,400	12,800	11,000	13,500	13,700	14,400
60	11,300	9,800	11,700	12,400	12,000	11,300	10,700	8,900	11,400	11,600	12,300
65	9,500	8,100	10,000	10,700	10,300	9,500	9,000	7,200	9,700	9,900	10,500
70	8,100	6,700	8,500	9,200	8,800	8,100	7,600	5,800	8,300	8,500	9,100
75	6,900	5,500	7,300	8,000	7,600	6,900	6,400	4,600	7,000	7,200	7,800
80			6,200	6,900	6,500	5,800	5,300	3,600	6,000	6,200	6,700
85			5,300	6,000	5,600	4,900	4,400	2,700	5,000	5,200	5,800
90						4,100	3,600	1,900	4,200	4,400	5,000
95									3,500	3,700	4,300
100									2,900	3,100	3,600
Unpinned		47,600						47,200			

Min Angle / Max Rad. / Capacity											
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	78.1	79.1	88.1	89.0	89.5	90.4	90.8	92.6	102.5	102.5	103.1
Capacity	6,300	4,700	4,800	5,400	4,900	4,100	3,500	1,600	2,600	2,800	3,300

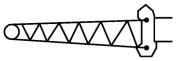
2091010

Not for crane operations

Rated Lifting Capacities In Pounds



Intermediate



10ft Offset Fly
0°- 45° Offset

32,000 lbs

Radius (ft)	Boom Length (ft) / Extend Mode									
	100.0		110.0	111.2	113.4	114.6	115.0	125.0		125.5
	EM3	EM5	EM2	EM1	EM3	EM5	EM4	EM1	EM3	EM2
20	40,800	41,100	32,700	27,200	35,500	39,500	32,900			
25	39,500	39,900	32,700	27,200	35,500	39,500	32,400	23,600	30,400	26,600
30	36,900	35,700	32,700	27,200	35,500	34,700	30,100	23,600	30,400	26,600
35	28,700	27,600	29,200	26,300	28,200	26,600	28,100	23,600	27,400	26,600
40	22,900	21,800	23,400	24,300	22,400	20,900	22,400	23,600	21,700	22,800
45	18,600	17,600	19,100	20,100	18,200	16,700	18,100	19,500	17,500	18,600
50	15,500	14,500	15,800	16,800	15,100	13,600	15,000	16,200	14,400	15,500
55	12,900	11,900	13,400	14,300	12,500	11,100	12,500	13,800	11,900	12,900
60	10,800	9,900	11,300	12,200	10,400	9,100	10,400	11,700	9,800	10,800
65	9,100	8,200	9,500	10,400	8,700	7,400	8,700	9,900	8,100	9,100
70	7,600	6,700	8,100	9,000	7,300	5,900	7,200	8,500	6,600	7,600
75	6,400	5,500	6,800	7,700	6,100	4,700	6,000	7,200	5,400	6,400
80	5,400	4,500	5,800	6,700	5,000	3,700	4,900	6,200	4,400	5,300
85	4,400	3,600	4,900	5,700	4,100	2,800	4,000	5,200	3,500	4,400
90	3,600	2,800	4,000	4,900	3,300	2,000	3,200	4,400	2,700	3,600
95	2,900	2,000	3,300	4,200	2,600	1,300	2,500	3,700	1,900	2,900
100	2,300	1,400	2,700	3,500	1,900		1,900	3,100	1,300	2,300
105			2,100	3,000	1,400		1,300	2,500		1,700
110			1,600	2,500				2,000		1,200
115								1,500		
120								1,100		
Unpinned										
Min Angle	0.0	0.0	0.0	0.0	20.5	34.5	22.5	17.0	37.0	29.0
Max Rad.	103.1	103.1	113.1	114.2	109.6	100.0	109.5	123.1	103.8	113.5
Capacity	2,000	1,100	1,400	2,100	0	0	0	0	0	0

2091010

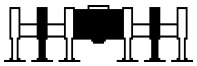
For sales use only

Radius (ft)	Boom Length (ft) / Extend Mode						
	126.3	137.2	140.0	140.3	150.0	152.4	164.1
	EM4	EM1	EM2	EM3	EM1	EM2	EM1
25	29,000	20,500					
30	29,000	20,500	23,100	25,400	18,500		
35	27,400	20,500	23,100	25,400	18,500	20,400	15,900
40	21,700	20,500	22,000	20,900	18,500	20,400	15,900
45	17,500	19,100	17,700	16,700	18,400	17,100	15,900
50	14,400	15,800	14,700	13,700	15,300	14,100	14,600
55	11,800	13,400	12,100	11,100	12,700	11,600	12,100
60	9,800	11,300	10,000	9,100	10,600	9,500	10,000
65	8,000	9,600	8,300	7,400	8,900	7,800	8,300
70	6,600	8,100	6,900	6,000	7,500	6,400	6,800
75	5,400	6,900	5,700	4,700	6,200	5,100	5,600
80	4,300	5,800	4,600	3,700	5,200	4,100	4,600
85	3,400	4,900	3,700	2,800	4,200	3,200	3,600
90	2,600	4,100	2,900	2,000	3,400	2,400	2,800
95	1,900	3,300	2,200	1,300	2,700	1,700	2,100
100	1,300	2,700	1,500	1,000	2,100	1,000	1,500
105		2,100	1,000		1,500		
110		1,600			1,000		
115		1,100					
Unpinned							
Min Angle	37.5	34.0	43.0	47.5	44.5	50.5	52.5
Max Rad.	103.8	118.1	106.5	101.3	111.5	101.5	105.0
Capacity	0	0	0	0	0	0	0

2091010

Not for crane operations

Rated Lifting Capacities In Pounds


Intermediate

35ft Offset Fly

32,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	38.3				61.7				86.0			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
10	28,700											
12	26,800											
15	24,400				25,200							
20	21,100	16,900			23,000				21,300			
25	18,600	15,300	13,000		21,000	16,400			20,700			
30	16,700	14,000	12,100	10,800	19,200	15,400	12,800		19,700	15,800		
35	15,000	12,900	11,400	10,300	17,700	14,400	12,200		18,700	15,100		
40	13,600	12,000	10,800	9,900	16,500	13,600	11,600	10,400	17,700	14,400	12,100	
45	12,500	11,200	10,200	9,600	15,300	12,800	11,200	10,100	16,800	13,800	11,700	10,400
50	11,500	10,500	9,700	9,200	14,300	12,200	10,700	9,800	16,000	13,200	11,300	10,100
55	10,700	9,900	9,300	8,900	13,100	11,600	10,400	9,600	15,200	12,700	11,000	9,900
60	9,900	9,300	8,900		12,000	11,000	10,000	9,300	13,500	12,200	10,700	9,800
65	9,200	8,900			11,000	10,500	9,600	9,100	11,700	11,700	10,400	9,500
70					10,200	9,800	9,300	8,900	10,200	10,900	10,100	9,300
75					8,900	9,200	9,000		9,000	9,500	9,800	9,100
80					7,800	8,200	8,400		7,900	8,400	8,800	9,000
85					6,900	7,100			6,900	7,300	7,700	7,900
90									6,100	6,500	6,700	6,900
95									5,300	5,700	5,900	
100									4,700	4,900	5,100	
105									4,100	4,300	4,400	
110									3,600	3,700		

Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	66.4	66.3	65.0	62.5	89.7	89.5	87.8	84.7	114.0	113.7	111.8	108.3
Capacity	9,000	8,900	8,900	8,900	6,200	6,300	6,500	7,000	3,300	3,300	3,400	3,600

2091070

For sales use only

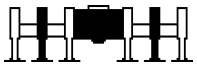
Radius (ft)	Boom Length (ft)											
	Fly Offset											
	111.2				137.2				164.1			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
25	16,200											
30	16,200											
35	16,200				13,200							
40	16,200	14,500			13,200				11,100			
45	16,200	14,100	12,000		13,200	13,700			11,100			
50	16,200	13,600	11,700	10,400	13,200	13,600			11,100			
55	15,100	13,200	11,400	10,200	13,200	13,300	11,600		11,100	11,600		
60	13,000	12,800	11,100	10,000	12,000	13,000	11,400	10,200	10,600	11,600		
65	11,200	12,000	10,900	9,900	10,200	11,200	11,200	10,100	8,900	10,000	11,000	
70	9,700	10,400	10,600	9,700	8,700	9,600	10,400	9,900	7,400	8,400	9,400	10,100
75	8,400	9,100	9,700	9,500	7,500	8,300	9,000	9,500	6,100	7,100	7,900	8,600
80	7,300	7,900	8,500	8,900	6,400	7,100	7,700	8,200	5,100	5,900	6,700	7,300
85	6,400	6,900	7,400	7,700	5,400	6,100	6,700	7,100	4,100	4,900	5,600	6,200
90	5,600	6,000	6,500	6,700	4,600	5,200	5,700	6,100	3,300	4,100	4,700	5,200
95	4,800	5,300	5,600	5,900	3,900	4,400	4,900	5,200	2,600	3,300	3,900	4,300
100	4,200	4,600	4,900	5,100	3,200	3,700	4,200	4,500	1,900	2,600	3,100	3,500
105	3,600	3,900	4,200	4,300	2,600	3,100	3,500	3,700	1,400	2,000	2,500	2,800
110	3,000	3,400	3,600	3,700	2,100	2,500	2,900	3,100		1,400	1,900	2,200
115	2,600	2,800	3,000		1,600	2,000	2,300	2,500			1,300	1,600
120	2,100	2,400	2,500		1,200	1,500	1,800	2,000				1,100
125	1,700	1,900	2,000			1,100	1,400	1,500				
130	1,400	1,500					900	1,000				
135		1,100										

Min Angle	16.0	0.0	0.0	0.0	43.0	43.5	44.0	44.0	57.0	58.0	58.0	58.0
Max Rad.	135.0	138.8	136.7	132.9	124.4	128.1	130.6	131.9	109.6	115.0	119.5	122.5
Capacity	0	900	900	1,000	0	0	0	0	0	0	0	0

2091070

Not for normal operations

Rated Lifting Capacities In Pounds


Intermediate

35ft Offset Fly

32,000 lbs

Radius (ft)	Boom Length (ft) / Fly Offset 38.3 0°	38.3 15°	38.3 30°	38.3 45°	50.0 0°	50.0 15°	50.0 30°	50.0 45°	74.3 0°	74.3 15°	74.3 30°	74.3 45°
10	28,700											
12	26,800				27,600							
15	24,400				25,500							
20	21,100	16,900			22,600	17,400			23,400			
25	18,600	15,300	13,000		20,200	16,000			21,700	16,900		
30	16,700	14,000	12,100	10,800	18,200	14,800	12,500		20,200	15,900		
35	15,000	12,900	11,400	10,300	16,700	13,800	11,800	10,500	18,800	15,000	12,500	
40	13,600	12,000	10,800	9,900	15,300	12,900	11,300	10,200	17,500	14,200	12,000	10,500
45	12,500	11,200	10,200	9,600	14,100	12,100	10,700	9,900	16,500	13,500	11,500	10,300
50	11,500	10,500	9,700	9,200	13,000	11,400	10,300	9,600	15,500	12,800	11,100	10,000
55	10,700	9,900	9,300	8,900	12,100	10,800	9,900	9,300	14,600	12,200	10,700	9,800
60	9,900	9,300	8,900		11,400	10,300	9,500	9,000	13,200	11,700	10,400	9,600
65	9,200	8,900			10,700	9,800	9,100	8,900	11,400	11,200	10,100	9,300
70					9,800	9,300	8,900		9,900	10,600	9,800	9,100
75					8,600	8,800			8,700	9,200	9,500	9,000
80									7,600	8,000	8,400	8,600
85									6,600	7,000	7,300	
90									5,800	6,100	6,300	
95									5,100	5,300		
100									4,500	4,600		

Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	66.4	66.3	65.0	62.5	78.0	77.9	76.4	73.5	102.4	102.1	100.2	96.9
Capacity	9,000	8,900	8,900	8,900	8,000	8,100	8,400	8,900	4,200	4,300	4,400	4,700

2091080

For sales use only

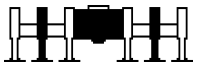
Radius (ft)	Boom Length (ft) / Fly Offset 99.5 0°	99.5 15°	99.5 30°	99.5 45°	125.5 0°	125.5 15°	125.5 30°	125.5 45°	152.4 0°	152.4 15°	152.4 30°	152.4 45°
25	21,100											
30	20,300				17,300							
35	19,400	15,500			17,300							
40	18,500	14,800	12,400		17,300	15,000			13,800			
45	17,600	14,200	12,000	10,500	17,300	14,500			13,800			
50	16,900	13,700	11,600	10,300	16,200	14,100	11,900		13,800	14,000		
55	14,800	13,200	11,300	10,100	13,800	13,700	11,600	10,300	12,300	13,700	11,800	
60	12,700	12,700	11,000	9,900	11,600	12,800	11,400	10,100	10,200	11,500	11,600	
65	10,900	11,700	10,700	9,800	9,900	10,900	11,100	10,000	8,500	9,700	10,700	10,200
70	9,400	10,200	10,500	9,500	8,400	9,300	10,100	9,900	7,100	8,100	9,100	9,800
75	8,200	8,800	9,400	9,300	7,200	8,000	8,700	9,200	5,800	6,800	7,600	8,300
80	7,100	7,700	8,200	8,500	6,100	6,800	7,500	7,900	4,700	5,600	6,400	7,000
85	6,100	6,700	7,100	7,400	5,100	5,800	6,400	6,800	3,800	4,600	5,300	5,900
90	5,300	5,800	6,200	6,400	4,300	4,900	5,400	5,800	3,000	3,800	4,400	4,900
95	4,600	5,000	5,300	5,500	3,600	4,100	4,600	4,900	2,300	3,000	3,600	4,000
100	3,900	4,300	4,500	4,700	2,900	3,400	3,900	4,100	1,600	2,300	2,800	3,200
105	3,300	3,600	3,900		2,400	2,800	3,200	3,400	1,100	1,700	2,100	2,500
110	2,800	3,100	3,200		1,800	2,200	2,600	2,800		1,100	1,500	1,800
115	2,300	2,500	2,700		1,400	1,700	2,000	2,200			1,000	1,300
120	1,900	2,100			900	1,300	1,500	1,600				
125	1,500	1,600					1,000					

Min Angle	0.0	0.0	0.0	0.0	39.5	40.5	40.5	40.0	55.5	56.0	56.0	56.5
Max Rad.	127.5	127.2	125.1	121.4	120.6	124.5	126.9	127.5	107.1	112.5	116.5	118.8
Capacity	1,400	1,400	1,500	1,600	0	0	0	0	0	0	0	0

2091080

Not for crane operations

Rated Lifting Capacities In Pounds


Intermediate

35ft Offset Fly

32,000 lbs

Radius (ft)	Boom Length (ft) / Fly Offset 38.3 0°	38.3 15°	38.3 30°	38.3 45°	50.0 0°	50.0 15°	50.0 30°	50.0 45°	62.1 0°	62.1 15°	62.1 30°	62.1 45°
10	28,700											
12	26,800				27,600							
15	24,400				25,500				26,000			
20	21,100	16,900			22,600	17,400			23,500			
25	18,600	15,300	13,000		20,200	16,000			21,400	16,600		
30	16,700	14,000	12,100	10,800	18,200	14,800	12,500		19,500	15,500	12,800	
35	15,000	12,900	11,400	10,300	16,700	13,800	11,800	10,500	17,900	14,500	12,200	10,700
40	13,600	12,000	10,800	9,900	15,300	12,900	11,300	10,200	16,700	13,600	11,700	10,400
45	12,500	11,200	10,200	9,600	14,100	12,100	10,700	9,900	15,500	12,900	11,200	10,100
50	11,500	10,500	9,700	9,200	13,000	11,400	10,300	9,600	14,400	12,200	10,700	9,800
55	10,700	9,900	9,300	8,900	12,100	10,800	9,900	9,300	13,500	11,600	10,400	9,600
60	9,900	9,300	8,900		11,400	10,300	9,500	9,000	12,600	11,100	10,000	9,300
65	9,200	8,900			10,700	9,800	9,100	8,900	11,400	10,600	9,700	9,100
70					9,800	9,300	8,900		9,900	10,200	9,300	8,900
75					8,600	8,800			8,600	9,100	9,100	
80									7,500	7,900	8,100	
85									6,600	6,800		
90									5,800			

Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	66.4	66.3	65.0	62.5	78.0	77.9	76.4	73.5	90.2	90.0	88.3	85.1
Capacity	9,000	8,900	8,900	8,900	8,000	8,100	8,400	8,900	5,800	5,900	6,100	6,600

2091090

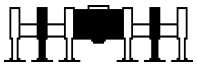
Radius (ft)	Boom Length (ft) / Fly Offset 87.3 0°	87.3 15°	87.3 30°	87.3 45°	113.4 0°	113.4 15°	113.4 30°	113.4 45°	140.3 0°	140.3 15°	140.3 30°	140.3 45°
20	23,700											
25	22,300				20,900							
30	20,900	16,300			20,800							
35	19,700	15,500	12,700		19,900	15,800			17,300			
40	18,500	14,700	12,200		19,100	15,200			17,300			
45	17,400	14,000	11,800	10,400	18,300	14,700	12,200		17,300	14,800		
50	16,600	13,400	11,400	10,200	16,100	14,100	11,900	10,400	14,700	14,400	12,100	
55	14,700	12,800	11,100	10,000	13,600	13,600	11,600	10,200	12,100	13,600	11,900	
60	12,600	12,300	10,700	9,800	11,500	12,600	11,300	10,000	10,000	11,300	11,600	10,200
65	10,800	11,600	10,500	9,600	9,700	10,700	11,000	9,900	8,300	9,500	10,500	10,100
70	9,300	10,100	10,200	9,400	8,300	9,200	9,900	9,800	6,800	7,900	8,900	9,600
75	8,100	8,700	9,200	9,200	7,000	7,800	8,500	9,000	5,600	6,600	7,400	8,100
80	7,000	7,500	8,000	8,300	5,900	6,700	7,300	7,700	4,500	5,400	6,200	6,800
85	6,000	6,500	6,900	7,200	5,000	5,700	6,200	6,600	3,600	4,400	5,100	5,700
90	5,200	5,600	6,000	6,100	4,200	4,800	5,300	5,600	2,800	3,500	4,200	4,700
95	4,500	4,800	5,100		3,400	4,000	4,400	4,700	2,100	2,800	3,300	3,800
100	3,800	4,100	4,300		2,800	3,300	3,700	3,900	1,400	2,100	2,600	3,000
105	3,300	3,500	3,600		2,200	2,600	3,000	3,200		1,400	1,900	2,200
110	2,700	2,900			1,700	2,100	2,400	2,500			1,300	1,600
115	2,300				1,200	1,600	1,800					1,000
120						1,100	1,300					

Min Angle	0.0	0.0	0.0	0.0	33.5	34.0	34.0	34.0	53.0	53.5	53.5	53.5
Max Rad.	115.4	115.1	113.1	109.6	119.4	122.5	124.5	124.5	104.6	110.0	113.8	116.3
Capacity	2,300	2,300	2,400	2,600	0	0	0	0	0	0	0	0

2091090

Not for crane operations

Rated Lifting Capacities In Pounds



Intermediate

58ft Offset Fly

32,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	38.3				61.7				86.0			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
15	16,600											
20	14,700				14,300							
25	13,000				13,400				12,400			
30	11,600	9,600			12,500				11,900			
35	10,500	8,800			11,700	9,400			11,500			
40	9,500	8,200	7,200		10,900	8,800			11,000	9,100		
45	8,700	7,600	6,700		10,100	8,300			10,600	8,700		
50	8,100	7,100	6,300	5,700	9,400	7,900	6,700		10,100	8,300		
55	7,500	6,700	6,000	5,500	8,800	7,400	6,400		9,700	7,900	6,700	
60	6,900	6,300	5,700	5,200	8,300	7,100	6,100	5,500	9,200	7,600	6,400	
65	6,500	5,900	5,400	5,100	7,800	6,700	5,900	5,300	8,800	7,300	6,200	5,500
70	6,000	5,600	5,200	4,900	7,300	6,400	5,700	5,200	8,300	7,000	6,000	5,400
75	5,700	5,300	5,000	4,800	6,900	6,100	5,500	5,100	8,000	6,700	5,800	5,200
80	5,300	5,100	4,900	4,800	6,600	5,800	5,300	5,000	7,600	6,500	5,700	5,100
85	5,000	4,900	4,800		6,200	5,600	5,200	4,900	7,200	6,200	5,500	5,000
90					5,900	5,400	5,000	4,800	6,800	6,000	5,400	5,000
95					5,600	5,200	4,900	4,800	6,000	5,800	5,200	4,900
100					5,400	5,000	4,800		5,400	5,600	5,100	4,800
105					5,100	4,900	4,700		4,800	5,300	5,000	4,800
110					4,500	4,700			4,200	4,700	4,900	4,700
115									3,800	4,100	4,400	4,600
120									3,300	3,600	3,900	
125									2,900	3,200	3,300	
130									2,600	2,700		
135									2,200	2,300		

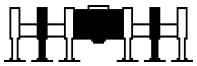
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	89.4	89.2	87.3	84.0	112.7	112.3	109.8	105.3	137.0	136.4	133.5	128.2
Capacity	4,800	4,900	4,800	4,800	4,300	4,400	4,700	4,800	2,200	2,200	2,300	2,600

2091100

For sales us

Not for crane operations

Rated Lifting Capacities In Pounds



Intermediate

58ft Offset Fly

32,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	111.2				137.2				164.1			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
30	10,100											
35	10,100											
40	10,100				8,600							
45	10,100				8,600							
50	10,000	8,500			8,600				7,500			
55	9,700	8,200			8,600	8,200			7,500			
60	9,500	7,900			8,600	8,000			7,500			
65	9,200	7,600	6,400		8,600	7,800			7,500	7,800		
70	8,900	7,400	6,300	5,500	8,600	7,600	6,400		7,500	7,600		
75	8,600	7,100	6,100	5,400	8,000	7,400	6,300		6,700	7,500		
80	8,000	6,900	5,900	5,300	6,900	7,200	6,100	5,400	5,600	7,100	6,300	
85	7,000	6,700	5,800	5,200	6,000	7,000	6,000	5,300	4,700	6,000	6,100	
90	6,100	6,500	5,700	5,100	5,100	6,200	5,900	5,200	3,900	5,100	6,000	5,300
95	5,400	6,200	5,500	5,000	4,400	5,300	5,700	5,100	3,100	4,300	5,300	5,200
100	4,700	5,400	5,400	5,000	3,700	4,600	5,400	5,100	2,500	3,500	4,500	5,200
105	4,100	4,800	5,300	4,900	3,100	4,000	4,700	5,000	1,900	2,900	3,700	4,500
110	3,600	4,200	4,700	4,900	2,600	3,400	4,000	4,500	1,300	2,300	3,100	3,700
115	3,100	3,600	4,100	4,400	2,100	2,800	3,400	3,900		1,700	2,500	3,100
120	2,700	3,200	3,600	3,800	1,700	2,300	2,900	3,300		1,200	1,900	2,500
125	2,300	2,700	3,100	3,300	1,300	1,900	2,400	2,700			1,400	1,900
130	1,900	2,300	2,600	2,800	900	1,500	1,900	2,200			1,000	1,400
135	1,600	1,900	2,200			1,100	1,500	1,800				1,000
140	1,200	1,500	1,800				1,100	1,300				
145	1,000	1,200	1,400					900				
150		900	1,000									

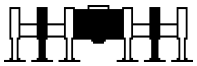
Min Angle	26.5	28.0	28.0	32.0	48.0	49.0	49.5	50.0	60.0	60.5	61.5	62.0
Max Rad.	147.5	150.8	151.9	146.9	130.8	138.1	143.1	145.6	115.0	124.4	131.9	136.5
Capacity	0	0	0	0	0	0	0	0	0	0	0	0

2091100

For sale use only

Not for crane operations

Rated Lifting Capacities In Pounds



Intermediate

58ft Offset Fly

32,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	38.3				50.0				74.3			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
15	16,600				16,300							
20	14,700				14,900							
25	13,000				13,600				13,500			
30	11,600	9,600			12,400	9,900			12,700			
35	10,500	8,800			11,300	9,200			12,000			
40	9,500	8,200	7,200		10,300	8,600			11,400	9,100		
45	8,700	7,600	6,700		9,500	8,000	6,900		10,700	8,600		
50	8,100	7,100	6,300	5,700	8,800	7,600	6,600		10,100	8,200	6,900	
55	7,500	6,700	6,000	5,500	8,200	7,100	6,200	5,600	9,500	7,800	6,600	
60	6,900	6,300	5,700	5,200	7,700	6,700	5,900	5,400	8,900	7,400	6,300	5,600
65	6,500	5,900	5,400	5,100	7,200	6,300	5,700	5,200	8,400	7,100	6,100	5,400
70	6,000	5,600	5,200	4,900	6,700	6,000	5,500	5,100	8,000	6,800	5,900	5,300
75	5,700	5,300	5,000	4,800	6,300	5,700	5,300	4,900	7,500	6,500	5,700	5,200
80	5,300	5,100	4,900	4,800	6,000	5,500	5,100	4,900	7,200	6,200	5,500	5,100
85	5,000	4,900	4,800		5,600	5,300	5,000	4,800	6,800	6,000	5,300	5,000
90					5,300	5,100	4,800		6,500	5,700	5,200	4,900
95					5,100	4,900	4,700		5,900	5,500	5,100	4,800
100					4,900	4,800			5,300	5,300	5,000	4,800
105									4,700	5,100	4,900	4,800
110									4,100	4,500	4,800	
115									3,700	4,000	4,100	
120									3,200	3,400		
125									2,900			

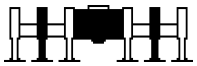
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	89.4	89.2	87.3	84.0	101.0	100.7	98.5	94.5	125.4	124.8	122.0	117.1
Capacity	4,800	4,900	4,800	4,800	4,800	4,800	4,700	4,800	2,900	2,900	3,100	3,500

2091110

For sales use

Not for crane operations

Rated Lifting Capacities In Pounds



Intermediate

58ft Offset Fly

32,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	99.5				125.5				152.4			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
30	12,300											
35	11,800				10,800							
40	11,400				10,800							
45	11,000	8,900			10,700				9,200			
50	10,600	8,600			10,500	8,700			9,200			
55	10,200	8,200	6,800		10,200	8,400			9,200			
60	9,800	7,900	6,600		9,900	8,200			9,200	8,300		
65	9,300	7,600	6,400	5,600	9,600	7,900	6,600		9,200	8,100		
70	8,900	7,300	6,200	5,400	9,100	7,700	6,400		7,700	7,900		
75	8,500	7,000	6,000	5,300	7,900	7,400	6,200	5,400	6,500	7,600	6,400	
80	7,800	6,800	5,800	5,200	6,800	7,200	6,100	5,300	5,400	6,900	6,300	5,400
85	6,900	6,500	5,700	5,100	5,800	6,900	5,900	5,300	4,500	5,800	6,100	5,400
90	6,000	6,300	5,500	5,000	5,000	6,000	5,800	5,200	3,600	4,900	6,000	5,300
95	5,300	6,000	5,400	5,000	4,200	5,200	5,700	5,100	2,900	4,100	5,100	5,200
100	4,600	5,300	5,300	4,900	3,600	4,400	5,200	5,000	2,300	3,300	4,300	5,000
105	4,000	4,600	5,200	4,900	3,000	3,800	4,500	5,000	1,700	2,700	3,500	4,200
110	3,500	4,000	4,500	4,800	2,400	3,200	3,800	4,300	1,100	2,100	2,900	3,500
115	3,000	3,500	3,900	4,200	2,000	2,600	3,200	3,700		1,500	2,300	2,900
120	2,500	3,000	3,400	3,600	1,500	2,200	2,700	3,100		1,000	1,700	2,300
125	2,100	2,500	2,800	3,000	1,100	1,700	2,200	2,500			1,200	1,700
130	1,800	2,100	2,400			1,300	1,700	2,000				1,200
135	1,400	1,700	1,900			900	1,300	1,500				
140	1,100	1,400	1,500				900	1,100				
145	900											

Min Angle	15.5	22.0	14.0	34.5	45.0	45.5	46.0	46.0	58.0	59.0	59.5	60.0
Max Rad.	145.8	145.0	143.8	135.0	129.2	135.6	140.6	142.5	113.1	121.9	129.4	133.5
Capacity	0	0	0	0	0	0	0	0	0	0	0	0

2091110

For sales use only

Not for crane operations

Rated Lifting Capacities In Pounds

Intermediate | 58ft Offset Fly | A C E B D 32,000 lbs | 360° | EM 3

Radius (ft)	Boom Length (ft) / Fly Offset 38.3				50.0				62.1			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
15	16,600				16,300							
20	14,700				14,900				14,800			
25	13,000				13,600				13,800			
30	11,600	9,600			12,400	9,900			12,800			
35	10,500	8,800			11,300	9,200			11,900	9,500		
40	9,500	8,200	7,200		10,300	8,600			11,000	8,900		
45	8,700	7,600	6,700		9,500	8,000	6,900		10,200	8,400	7,100	
50	8,100	7,100	6,300	5,700	8,800	7,600	6,600		9,500	7,900	6,700	
55	7,500	6,700	6,000	5,500	8,200	7,100	6,200	5,600	8,900	7,500	6,400	5,700
60	6,900	6,300	5,700	5,200	7,700	6,700	5,900	5,400	8,400	7,100	6,200	5,500
65	6,500	5,900	5,400	5,100	7,200	6,300	5,700	5,200	7,900	6,700	5,900	5,300
70	6,000	5,600	5,200	4,900	6,700	6,000	5,500	5,100	7,400	6,400	5,700	5,200
75	5,700	5,300	5,000	4,800	6,300	5,700	5,300	4,900	7,000	6,100	5,500	5,100
80	5,300	5,100	4,900	4,800	6,000	5,500	5,100	4,900	6,600	5,900	5,300	5,000
85	5,000	4,900	4,800		5,600	5,300	5,000	4,800	6,200	5,600	5,200	4,900
90					5,300	5,100	4,800		5,900	5,400	5,000	4,800
95					5,100	4,900	4,700		5,600	5,200	4,900	4,800
100					4,900	4,800			5,400	5,100	4,800	
105									4,800	4,900	4,700	
110									4,300	4,500		

Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	89.4	89.2	87.3	84.0	101.0	100.7	98.5	94.5	113.2	112.7	110.2	105.7
Capacity	4,800	4,900	4,800	4,800	4,800	4,800	4,700	4,800	4,000	4,100	4,400	4,800

2091120

For sales us

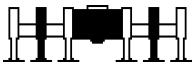
Radius (ft)	Boom Length (ft) / Fly Offset 87.3				113.4				140.3			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
25	13,600											
30	12,900				12,500							
35	12,300				12,100							
40	11,700	9,400			11,700				11,000			
45	11,200	8,900			11,300	9,200			11,000			
50	10,600	8,500			10,900	8,800			10,800			
55	10,100	8,100	6,700		10,500	8,500			10,500	8,700		
60	9,500	7,700	6,500		10,200	8,100	6,700		10,300	8,400		
65	9,000	7,400	6,300	5,500	9,800	7,900	6,500		9,100	8,100		
70	8,600	7,100	6,100	5,400	9,100	7,600	6,300	5,500	7,600	7,900	6,500	
75	8,100	6,800	5,900	5,200	7,800	7,300	6,200	5,400	6,400	7,700	6,400	
80	7,700	6,500	5,700	5,100	6,700	7,100	6,000	5,300	5,300	6,700	6,200	5,400
85	6,900	6,300	5,500	5,000	5,800	6,800	5,800	5,200	4,400	5,700	6,100	5,300
90	6,000	6,100	5,400	5,000	4,900	5,900	5,700	5,100	3,500	4,800	5,900	5,200
95	5,300	5,900	5,300	4,900	4,200	5,100	5,600	5,000	2,800	3,900	5,000	5,200
100	4,600	5,300	5,100	4,800	3,500	4,400	5,100	5,000	2,100	3,200	4,100	4,900
105	4,000	4,600	5,000	4,800	2,900	3,700	4,400	4,900	1,600	2,500	3,400	4,100
110	3,500	4,000	4,400	4,700	2,400	3,100	3,700	4,200	1,000	1,900	2,700	3,400
115	3,000	3,500	3,800	4,000	1,900	2,600	3,100	3,500		1,400	2,100	2,700
120	2,600	3,000	3,200		1,500	2,100	2,600	2,900		900	1,600	2,100
125	2,200	2,500	2,700		1,100	1,600	2,100	2,300			1,100	1,500
130	1,800	2,100				1,200	1,600	1,800				1,000
135	1,500	1,600					1,100	1,300				

Min Angle	0.0	0.0	0.0	0.0	40.0	41.0	42.0	41.5	56.0	56.5	57.0	57.5
Max Rad.	138.4	137.7	134.8	129.5	128.1	134.4	138.1	139.5	111.9	120.6	127.5	131.5
Capacity	1,400	1,400	1,500	1,700	0	0	0	0	0	0	0	0

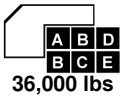
2091120

Not for crane operations

Rated Lifting Capacities In Pounds



Intermediate



36,000 lbs

Radius (ft)	Boom Length (ft) Extend Mode										
	38.3	50.0	50.5	60.0	61.7	62.1	63.0	73.8	74.3	74.7	75.0
	ALL	EM1,2,3,4,5	EM6	EM2	EM1, EM4	EM3, EM5	EM6	EM4	EM2	EM5	EM1
10	138,000	86,000	139,500	90,200	58,400	90,400	137,600				
12	121,400	80,400	123,200	85,000	54,200	85,400	123,400	55,600	59,800	88,300	55,500
15	102,100	73,000	104,200	78,200	49,000	78,700	104,700	50,900	54,200	82,400	50,900
20	71,800	63,600	75,600	68,900	42,000	69,700	76,700	44,700	46,800	74,100	44,800
25	47,500	51,900	51,200	53,400	36,700	53,600	52,200	39,800	41,000	54,000	40,000
30	33,800	38,000	37,300	39,600	32,700	39,900	38,600	35,800	36,400	40,200	36,000
35		29,100	28,500	30,700	29,400	30,900	29,700	32,400	32,000	31,400	32,500
40		22,900	22,300	24,400	25,100	24,700	23,500	26,200	25,800	25,200	26,300
45				19,800	20,500	20,100	18,900	21,600	21,200	20,600	21,600
50				16,300	17,000	16,500	15,500	18,000	17,600	17,100	18,100
55						13,800	12,700	15,200	14,900	14,300	15,300
60								13,000	12,600	12,100	13,000
65								11,100	10,700	10,200	11,200
Unpinned			106,000				106,400				
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	31.3	43.0	43.5	53.0	54.7	55.1	56.0	66.8	67.3	67.7	68.0
Capacity	31,000	19,900	19,000	14,500	14,400	13,700	12,200	10,500	9,900	9,300	10,200

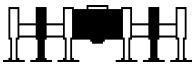
2100010

Radius (ft)	Boom Length (ft) Extend Mode										
	75.0	76.1	85.0	86.0	86.4	87.3	87.8	89.5	99.4	99.5	100.0
	EM3	EM6	EM2	EM1	EM4	EM3	EM5	EM6	EM4	EM2	EM1
12	88,300	120,400									
15	82,400	104,300	55,500	45,500	52,800	64,900	82,000	91,500			
20	74,100	76,500	48,600	39,600	47,000	56,200	77,000	75,300	48,600	47,500	41,100
25	54,000	52,000	43,200	34,900	42,400	49,500	53,600	51,000	44,400	42,200	36,900
30	40,200	38,400	38,800	31,100	38,600	40,500	39,800	37,400	40,800	37,800	33,100
35	31,400	29,700	32,100	28,000	32,500	31,700	31,000	28,800	32,000	32,200	30,200
40	25,200	23,600	26,000	25,400	26,400	25,500	24,900	22,700	25,900	26,100	26,900
45	20,600	19,000	21,400	22,300	21,800	21,000	20,400	18,300	21,300	21,600	22,300
50	17,100	15,600	17,900	18,700	18,200	17,400	16,800	14,900	17,800	18,100	18,800
55	14,300	12,800	15,100	15,900	15,500	14,700	14,100	12,200	15,200	15,400	16,000
60	12,100	10,500	12,900	13,700	13,200	12,400	11,900	9,900	12,900	13,100	13,800
65	10,200	8,700	11,000	11,800	11,300	10,600	10,000	8,100	11,000	11,200	11,900
70			9,400	10,200	9,700	9,000	8,400	6,500	9,400	9,600	10,300
75			8,000	8,800	8,400	7,600	7,100	5,200	8,100	8,300	8,900
80						6,500	5,900	4,100	6,900	7,100	7,800
85									5,900	6,100	6,800
90									5,000	5,200	5,900
Unpinned		106,300						91,500			
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	68.0	69.1	78.0	79.0	79.4	80.3	80.8	82.5	92.4	92.5	93.0
Capacity	9,200	7,400	7,300	7,900	7,400	6,400	5,800	3,500	4,600	4,800	5,400

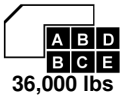
2100010

Not for crane operations

Rated Lifting Capacities In Pounds



Intermediate



36,000 lbs

Radius (ft)	Boom Length (ft) Extend Mode									
	100.0		110.0	111.2	113.4	114.6	115.0	125.0		125.5
	EM3	EM5	EM2	EM1	EM3	EM5	EM4	EM1	EM3	EM2
20	58,300	65,800	43,400	36,400	45,300	50,400	43,900			
25	52,000	52,500	43,400	36,400	45,300	50,400	43,900	29,900	38,700	33,300
30	40,100	38,800	39,500	33,700	39,700	37,900	39,700	29,900	38,700	33,300
35	31,300	30,100	31,800	31,000	31,000	29,300	30,900	29,900	30,300	31,500
40	25,100	24,000	25,800	26,900	24,800	23,200	24,800	26,400	24,200	25,400
45	20,600	19,500	21,200	22,300	20,300	18,800	20,300	21,800	19,700	20,800
50	17,200	16,100	17,800	18,800	16,900	15,500	16,800	18,300	16,200	17,400
55	14,500	13,400	15,100	16,000	14,200	12,800	14,200	15,700	13,600	14,800
60	12,200	11,200	12,900	13,900	12,000	10,600	12,000	13,400	11,400	12,500
65	10,300	9,300	11,000	12,000	10,200	8,700	10,100	11,600	9,600	10,700
70	8,800	7,800	9,400	10,400	8,600	7,200	8,500	10,000	8,100	9,100
75	7,400	6,400	8,000	9,000	7,200	5,800	7,200	8,700	6,700	7,800
80	6,300	5,300	6,900	7,800	6,100	4,700	6,000	7,500	5,600	6,600
85	5,300	4,300	5,900	6,800	5,100	3,700	5,000	6,500	4,600	5,600
90	4,400	3,400	5,000	5,900	4,200	2,800	4,200	5,600	3,700	4,700
95			4,200	5,100	3,400	2,000	3,400	4,800	2,900	3,900
100			3,500	4,400	2,700	1,400	2,700	4,100	2,200	3,200
105					2,100		2,100	3,500	1,600	2,600
110								2,900	1,000	2,000
115								2,400		1,500
Unpinned										

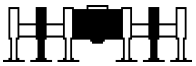
Min Angle	0.0	0.0	0.0	0.0	0.0	16.0	0.0	0.0	20.0	0.0
Max Rad.	93.0	93.0	103.0	104.2	106.4	104.3	108.0	118.0	112.0	118.5
Capacity	3,900	2,900	3,100	3,900	2,000	0	1,700	2,100	0	1,200

2100010

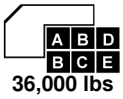
For sales use only

Not for crane operations

Rated Lifting Capacities In Pounds



Intermediate



36,000 lbs

Radius (ft)	Boom Length (ft) Extend Mode						
	126.3	137.2	140.0	140.3	150.0	152.4	164.1
	EM4	EM1	EM2	EM3	EM1	EM2	EM1
25	37,700	25,400					
30	37,700	25,400	28,300	30,800	22,500	24,400	
35	30,300	25,400	28,300	29,600	22,500	24,400	19,600
40	24,100	25,400	24,600	23,500	22,500	24,000	19,600
45	19,700	21,500	20,100	19,000	20,800	19,500	19,600
50	16,200	18,000	16,600	15,700	17,300	16,100	16,700
55	13,600	15,400	14,000	13,000	14,700	13,500	14,100
60	11,400	13,100	11,800	10,800	12,500	11,300	11,900
65	9,600	11,300	10,000	9,000	10,600	9,500	10,100
70	8,000	9,700	8,400	7,500	9,100	8,000	8,500
75	6,700	8,400	7,100	6,200	7,800	6,700	7,200
80	5,500	7,200	6,000	5,000	6,700	5,500	6,100
85	4,500	6,200	5,000	4,000	5,600	4,500	5,100
90	3,700	5,300	4,100	3,100	4,800	3,600	4,200
95	2,900	4,500	3,300	2,400	4,000	2,900	3,400
100	2,200	3,800	2,600	1,700	3,300	2,200	2,700
105	1,600	3,200	2,000	1,100	2,600	1,500	2,100
110	1,000	2,600	1,400		2,100	1,000	1,600
115		2,100	900		1,600		1,000
120		1,700			1,100		
125		1,200					
130		900					

Unpinned							

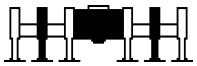
Min Angle	21.5	0.0	31.0	38.0	32.0	42.0	43.5
Max Rad.	112.0	130.2	116.0	107.5	123.8	112.0	117.5
Capacity	0	900	0	0	0	0	0

2100010

For sales use only

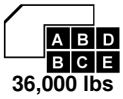
Not for crane operations

Rated Lifting Capacities In Pounds



Intermediate

10ft Offset Fly
0°- 45° Offset



36,000 lbs

Radius (ft)	Boom Length (ft) Extend Mode										
	38.3	50.0	50.5	60.0	61.7	62.1	63.0	73.8	74.3	74.7	75.0
	ALL	EM1,2,3,4,5	EM6	EM2	EM1, EM4	EM3, EM5	EM6	EM4	EM2	EM5	EM1
10	42,100	42,900	42,900	47,700	47,700	47,700	47,700				
12	41,100	42,100	42,100	42,600	38,900	42,600	42,800	46,400	47,600	47,600	47,600
15	39,400	40,900	40,900	41,500	35,400	41,600	41,700	36,400	41,800	42,000	42,300
20	36,400	38,400	38,600	39,700	31,200	39,900	40,200	32,500	38,700	40,700	32,600
25	34,400	34,400	36,300	36,900	27,500	37,300	38,000	29,100	34,400	38,800	29,200
30	33,400	31,600	34,400	34,100	24,600	34,400	36,200	26,300	30,600	36,500	26,400
35	28,600	29,000	30,000	31,300	22,200	31,400	30,300	24,000	27,600	31,400	24,100
40	22,600	24,500	23,900	25,100	20,300	25,200	24,200	22,100	25,000	25,300	22,200
45		20,000	19,500	20,600	18,600	20,700	19,700	20,400	21,300	20,700	20,600
50		16,600	16,100	17,200	17,300	17,300	16,300	18,200	17,800	17,300	18,200
55				14,500	15,000	14,600	13,700	15,500	15,100	14,600	15,500
60				12,300	12,800	12,400	11,500	13,300	12,900	12,400	13,300
65						10,600	9,700	11,400	11,100	10,600	11,500
70								9,900	9,600	9,100	9,900
75								8,600	8,300	7,800	8,600
Unpinned			42,900				47,700				
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	41.4	53.1	53.5	63.1	64.7	65.2	66.1	76.9	77.4	77.8	78.1
Capacity	21,400	15,000	14,200	11,200	11,200	10,600	9,400	8,200	7,800	7,200	8,000

2101010

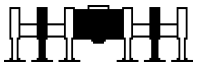
Radius (ft)	Boom Length (ft) Extend Mode										
	75.0	76.1	85.0	86.0	86.4	87.3	87.8	89.5	99.4	99.5	100.0
	EM3	EM6	EM2	EM1	EM4	EM3	EM5	EM6	EM4	EM2	EM1
12	47,600	47,600									
15	42,000	42,200	46,100	41,700	40,200	46,300	46,600	47,200			
20	40,700	40,900	39,600	32,700	33,700	40,800	41,000	41,300	34,500	38,500	32,800
25	38,800	39,200	35,300	29,700	30,500	39,300	39,600	40,100	31,600	35,600	30,300
30	36,500	37,500	32,000	27,000	27,800	37,800	38,100	37,300	29,100	32,400	28,000
35	31,400	29,800	29,000	24,300	25,600	31,400	30,800	28,700	27,000	29,800	25,700
40	25,300	23,700	25,700	22,000	23,700	25,300	24,700	22,700	25,100	25,700	23,600
45	20,700	19,200	21,200	20,100	21,500	20,800	20,200	18,200	20,900	21,100	21,700
50	17,300	15,800	17,700	18,500	18,000	17,300	16,700	14,900	17,500	17,700	18,300
55	14,600	13,200	15,100	15,800	15,400	14,700	14,100	12,300	14,800	15,000	15,700
60	12,400	11,000	12,900	13,600	13,200	12,400	11,900	10,100	12,600	12,800	13,500
65	10,600	9,200	11,000	11,700	11,300	10,600	10,100	8,300	10,800	11,000	11,600
70	9,100	7,700	9,500	10,200	9,800	9,100	8,600	6,800	9,200	9,400	10,100
75	7,800	6,400	8,200	8,900	8,500	7,800	7,300	5,500	7,900	8,100	8,700
80			7,100	7,800	7,400	6,700	6,200	4,400	6,800	7,000	7,600
85			6,100	6,800	6,400	5,700	5,200	3,500	5,800	6,000	6,600
90						4,900	4,400	2,600	5,000	5,200	5,800
95									4,200	4,400	5,000
100									3,500	3,700	4,300
Unpinned		47,600						47,200			
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	78.1	79.1	88.1	89.0	89.5	90.4	90.8	92.6	102.5	102.5	103.1
Capacity	7,100	5,600	5,600	6,100	5,600	4,800	4,300	2,300	3,300	3,500	4,000

2101010

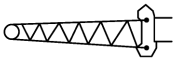
Sales use only

Not for crane operations

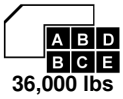
Rated Lifting Capacities In Pounds



Intermediate



10ft Offset Fly
0°- 45° Offset



36,000 lbs

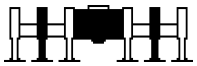
Radius (ft)	Boom Length (ft)									
	Extend Mode									
	100.0		110.0	111.2	113.4	114.6	115.0	125.0		125.5
	EM3	EM5	EM2	EM1	EM3	EM5	EM4	EM1	EM3	EM2
20	40,800	41,100	32,700	27,200	35,500	39,500	32,900			
25	39,500	39,900	32,700	27,200	35,500	39,500	32,400	23,600	30,400	26,600
30	38,200	38,400	32,700	27,200	35,500	37,400	30,100	23,600	30,400	26,600
35	30,900	29,800	30,400	26,300	30,500	28,800	28,100	23,600	29,700	26,600
40	24,800	23,700	25,300	24,300	24,300	22,800	24,300	23,600	23,600	24,700
45	20,300	19,200	20,700	21,700	19,800	18,400	19,800	21,200	19,100	20,200
50	16,800	15,800	17,300	18,200	16,400	15,100	16,300	17,700	15,700	16,800
55	14,200	13,200	14,700	15,600	13,800	12,400	13,800	15,100	13,200	14,200
60	12,000	11,000	12,400	13,400	11,600	10,200	11,600	12,900	11,000	12,000
65	10,200	9,200	10,600	11,500	9,800	8,400	9,700	11,000	9,200	10,200
70	8,600	7,700	9,100	10,000	8,300	6,900	8,200	9,500	7,600	8,600
75	7,300	6,400	7,800	8,600	7,000	5,600	6,900	8,200	6,300	7,300
80	6,200	5,300	6,600	7,500	5,800	4,500	5,800	7,000	5,200	6,200
85	5,200	4,400	5,700	6,500	4,900	3,600	4,800	6,000	4,300	5,200
90	4,400	3,500	4,800	5,700	4,000	2,700	4,000	5,200	3,400	4,400
95	3,600	2,800	4,000	4,900	3,300	2,000	3,200	4,400	2,700	3,600
100	3,000	2,100	3,400	4,200	2,600	1,300	2,500	3,700	2,000	2,900
105			2,800	3,600	2,000		1,900	3,100	1,400	2,300
110			2,200	3,100	1,500		1,400	2,600		1,800
115					1,000			2,100		1,300
120								1,600		
125								1,200		
Unpinned										
Min Angle	0.0	0.0	0.0	0.0	0.0	29.0	14.0	0.0	32.5	23.0
Max Rad.	103.1	103.1	113.1	114.2	116.4	103.8	115.0	128.1	109.6	119.5
Capacity	2,600	1,800	2,000	2,700	900	0	0	1,000	0	0

2101010

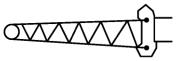
For sales use only

Not for crane operations

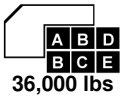
Rated Lifting Capacities In Pounds



Intermediate



10ft Offset Fly
0°- 45° Offset



36,000 lbs

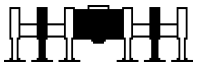
Radius (ft)	Boom Length (ft) Extend Mode						
	126.3	137.2	140.0	140.3	150.0	152.4	164.1
	EM4	EM1	EM2	EM3	EM1	EM2	EM1
25	29,000	20,500					
30	29,000	20,500	23,100	25,400	18,500		
35	28,400	20,500	23,100	25,400	18,500	20,400	15,900
40	23,600	20,500	23,100	22,800	18,500	20,400	15,900
45	19,100	20,500	19,400	18,400	18,500	18,800	15,900
50	15,700	17,300	16,000	15,100	16,600	15,600	15,900
55	13,100	14,700	13,400	12,400	14,000	12,900	13,400
60	10,900	12,500	11,200	10,300	11,800	10,700	11,200
65	9,100	10,700	9,400	8,500	10,000	8,900	9,400
70	7,600	9,100	7,900	7,000	8,500	7,300	7,800
75	6,300	7,800	6,600	5,700	7,100	6,100	6,500
80	5,200	6,700	5,500	4,600	6,000	4,900	5,400
85	4,200	5,700	4,500	3,600	5,000	4,000	4,400
90	3,400	4,800	3,600	2,700	4,200	3,100	3,600
95	2,600	4,100	2,900	2,000	3,400	2,400	2,800
100	1,900	3,400	2,200	1,300	2,700	1,700	2,200
105	1,300	2,800	1,600		2,100	1,100	1,500
110		2,200	1,100		1,600		1,000
115		1,700			1,100		
120		1,300					
125		900					
Unpinned							
Min Angle	33.5	28.0	39.5	44.5	41.5	48.0	50.0
Max Rad.	109.5	125.6	112.5	103.8	117.5	107.1	111.5
Capacity	0	0	0	0	0	0	0

2101010

For sales use only

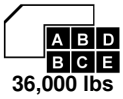
Not for crane operations

Rated Lifting Capacities In Pounds



Intermediate

35ft Offset Fly



36,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	38.3				61.7				86.0			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
10	28,700											
12	26,800											
15	24,400				25,200							
20	21,100	16,900			23,000				21,300			
25	18,600	15,300	13,000		21,000	16,400			20,700			
30	16,700	14,000	12,100	10,800	19,200	15,400	12,800		19,700	15,800		
35	15,000	12,900	11,400	10,300	17,700	14,400	12,200		18,700	15,100		
40	13,600	12,000	10,800	9,900	16,500	13,600	11,600	10,400	17,700	14,400	12,100	
45	12,500	11,200	10,200	9,600	15,300	12,800	11,200	10,100	16,800	13,800	11,700	10,400
50	11,500	10,500	9,700	9,200	14,300	12,200	10,700	9,800	16,000	13,200	11,300	10,100
55	10,700	9,900	9,300	8,900	13,100	11,600	10,400	9,600	15,200	12,700	11,000	9,900
60	9,900	9,300	8,900		12,000	11,000	10,000	9,300	14,400	12,200	10,700	9,800
65	9,200	8,900			11,000	10,500	9,600	9,100	12,800	11,700	10,400	9,500
70					10,200	9,800	9,300	8,900	11,200	11,300	10,100	9,300
75					9,500	9,200	9,000		9,900	10,400	9,800	9,100
80					8,700	8,600	8,500		8,700	9,200	9,500	9,000
85					7,700	7,900			7,700	8,100	8,500	8,700
90									6,800	7,200	7,500	7,600
95									6,100	6,400	6,600	
100									5,400	5,600	5,800	
105									4,700	4,900	5,000	
110									4,200	4,300		

Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	66.4	66.3	65.0	62.5	89.7	89.5	87.8	84.7	114.0	113.7	111.8	108.3
Capacity	9,000	8,900	8,900	8,900	6,900	7,000	7,300	7,800	3,800	3,900	4,000	4,300

2101070

For sales use only

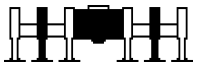
Radius (ft)	Boom Length (ft)											
	Fly Offset											
	111.2				137.2				164.1			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
25	16,200											
30	16,200											
35	16,200				13,200							
40	16,200	14,500			13,200				11,100			
45	16,200	14,100	12,000		13,200	13,700			11,100			
50	16,200	13,600	11,700	10,400	13,200	13,600			11,100			
55	15,800	13,200	11,400	10,200	13,200	13,300	11,600		11,100	11,600		
60	14,100	12,800	11,100	10,000	13,100	13,000	11,400	10,200	11,100	11,600		
65	12,300	12,500	10,900	9,900	11,300	12,200	11,200	10,100	9,900	11,100	11,300	
70	10,700	11,400	10,600	9,700	9,700	10,600	11,000	9,900	8,400	9,400	10,400	10,100
75	9,300	10,000	10,400	9,500	8,400	9,200	9,900	9,700	7,100	8,000	8,900	9,500
80	8,200	8,800	9,300	9,300	7,200	8,000	8,600	9,100	5,900	6,800	7,600	8,200
85	7,200	7,700	8,200	8,500	6,200	6,900	7,500	7,900	4,900	5,700	6,400	7,000
90	6,300	6,800	7,200	7,500	5,400	6,000	6,500	6,900	4,100	4,800	5,500	6,000
95	5,500	6,000	6,300	6,600	4,600	5,100	5,600	6,000	3,300	4,000	4,600	5,000
100	4,800	5,200	5,500	5,700	3,900	4,400	4,800	5,100	2,600	3,300	3,800	4,200
105	4,200	4,600	4,800	5,000	3,300	3,700	4,100	4,400	2,000	2,600	3,100	3,500
110	3,600	4,000	4,200	4,300	2,700	3,100	3,500	3,700	1,400	2,000	2,500	2,800
115	3,100	3,400	3,600		2,200	2,600	2,900	3,100	900	1,500	1,900	2,200
120	2,700	2,900	3,100		1,700	2,100	2,400	2,500		1,000	1,400	1,600
125	2,300	2,500	2,600		1,300	1,600	1,900	2,000				1,100
130	1,900	2,000			900	1,200	1,400	1,500				
135	1,500	1,600					1,000					

Min Angle	0.0	0.0	0.0	0.0	39.5	40.5	40.5	40.0	55.5	55.5	56.0	56.0
Max Rad.	139.2	138.8	136.7	132.9	130.8	134.4	136.9	138.1	115.6	121.5	125.0	127.5
Capacity	1,300	1,300	1,400	1,500	0	0	0	0	0	0	0	0

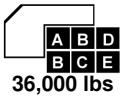
2101070

Not for rental operations

Rated Lifting Capacities In Pounds


Intermediate

35ft Offset Fly



36,000 lbs

Radius (ft)	Boom Length (ft) / Fly Offset 38.3 0°	38.3 15°	38.3 30°	38.3 45°	50.0 0°	50.0 15°	50.0 30°	50.0 45°	74.3 0°	74.3 15°	74.3 30°	74.3 45°
10	28,700											
12	26,800				27,600							
15	24,400				25,500							
20	21,100	16,900			22,600	17,400			23,400			
25	18,600	15,300	13,000		20,200	16,000			21,700	16,900		
30	16,700	14,000	12,100	10,800	18,200	14,800	12,500		20,200	15,900		
35	15,000	12,900	11,400	10,300	16,700	13,800	11,800	10,500	18,800	15,000	12,500	
40	13,600	12,000	10,800	9,900	15,300	12,900	11,300	10,200	17,500	14,200	12,000	10,500
45	12,500	11,200	10,200	9,600	14,100	12,100	10,700	9,900	16,500	13,500	11,500	10,300
50	11,500	10,500	9,700	9,200	13,000	11,400	10,300	9,600	15,500	12,800	11,100	10,000
55	10,700	9,900	9,300	8,900	12,100	10,800	9,900	9,300	14,600	12,200	10,700	9,800
60	9,900	9,300	8,900		11,400	10,300	9,500	9,000	13,700	11,700	10,400	9,600
65	9,200	8,900			10,700	9,800	9,100	8,900	12,500	11,200	10,100	9,300
70					10,000	9,300	8,900		10,900	10,800	9,800	9,100
75					9,300	8,900			9,600	10,100	9,500	9,000
80									8,400	8,900	9,200	8,900
85									7,400	7,800	8,100	
90									6,600	6,900	7,100	
95									5,800	6,000		
100									5,100	5,200		

Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	66.4	66.3	65.0	62.5	78.0	77.9	76.4	73.5	102.4	102.1	100.2	96.9
Capacity	9,000	8,900	8,900	8,900	8,800	8,900	8,900	8,900	4,900	4,900	5,100	5,500

2101080

For sales use only

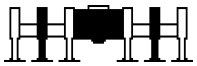
Radius (ft)	Boom Length (ft) / Fly Offset 99.5 0°	99.5 15°	99.5 30°	99.5 45°	125.5 0°	125.5 15°	125.5 30°	125.5 45°	152.4 0°	152.4 15°	152.4 30°	152.4 45°
25	21,100											
30	20,300				17,300							
35	19,400	15,500			17,300							
40	18,500	14,800	12,400		17,300	15,000			13,800			
45	17,600	14,200	12,000	10,500	17,300	14,500			13,800			
50	16,900	13,700	11,600	10,300	17,000	14,100	11,900		13,800	14,000		
55	16,000	13,200	11,300	10,100	15,100	13,700	11,600	10,300	13,600	13,700	11,800	
60	13,900	12,700	11,000	9,900	12,800	13,300	11,400	10,100	11,400	12,700	11,600	
65	12,000	12,300	10,700	9,800	11,000	12,000	11,100	10,000	9,600	10,800	11,400	10,200
70	10,400	11,200	10,500	9,500	9,400	10,300	10,900	9,900	8,000	9,100	10,100	10,000
75	9,100	9,700	10,200	9,300	8,100	8,900	9,600	9,700	6,700	7,700	8,600	9,300
80	7,900	8,500	9,000	9,200	6,900	7,700	8,300	8,800	5,600	6,500	7,300	7,900
85	6,900	7,500	7,900	8,200	5,900	6,600	7,200	7,600	4,600	5,400	6,100	6,700
90	6,000	6,500	6,900	7,100	5,100	5,700	6,200	6,600	3,800	4,500	5,200	5,700
95	5,300	5,700	6,000	6,200	4,300	4,900	5,300	5,600	3,000	3,700	4,300	4,700
100	4,600	4,900	5,200	5,400	3,600	4,100	4,500	4,800	2,300	2,900	3,500	3,900
105	4,000	4,300	4,500		3,000	3,500	3,800	4,100	1,700	2,300	2,800	3,100
110	3,400	3,700	3,800		2,400	2,900	3,200	3,400	1,100	1,700	2,100	2,500
115	2,900	3,100	3,200		1,900	2,300	2,600	2,700		1,100	1,600	1,800
120	2,400	2,600			1,500	1,800	2,100	2,200			1,000	1,300
125	2,000	2,100			1,100	1,400	1,600					
130						900	1,100					

Min Angle	0.0	0.0	0.0	0.0	35.0	36.0	36.0	35.5	53.5	53.5	54.0	54.0
Max Rad.	127.5	127.2	125.1	121.4	128.1	130.6	133.1	133.1	112.5	118.1	121.5	123.8
Capacity	1,900	1,900	2,000	2,100	0	0	0	0	0	0	0	0

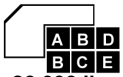
2101080

Not for crane operations

Rated Lifting Capacities In Pounds


Intermediate

35ft Offset Fly



36,000 lbs

Radius (ft)	Boom Length (ft) / Fly Offset 38.3 0°	38.3 15°	38.3 30°	38.3 45°	50.0 0°	50.0 15°	50.0 30°	50.0 45°	62.1 0°	62.1 15°	62.1 30°	62.1 45°
10	28,700											
12	26,800				27,600							
15	24,400				25,500				26,000			
20	21,100	16,900			22,600	17,400			23,500			
25	18,600	15,300	13,000		20,200	16,000			21,400	16,600		
30	16,700	14,000	12,100	10,800	18,200	14,800	12,500		19,500	15,500	12,800	
35	15,000	12,900	11,400	10,300	16,700	13,800	11,800	10,500	17,900	14,500	12,200	10,700
40	13,600	12,000	10,800	9,900	15,300	12,900	11,300	10,200	16,700	13,600	11,700	10,400
45	12,500	11,200	10,200	9,600	14,100	12,100	10,700	9,900	15,500	12,900	11,200	10,100
50	11,500	10,500	9,700	9,200	13,000	11,400	10,300	9,600	14,400	12,200	10,700	9,800
55	10,700	9,900	9,300	8,900	12,100	10,800	9,900	9,300	13,500	11,600	10,400	9,600
60	9,900	9,300	8,900		11,400	10,300	9,500	9,000	12,600	11,100	10,000	9,300
65	9,200	8,900			10,700	9,800	9,100	8,900	11,900	10,600	9,700	9,100
70					10,000	9,300	8,900		10,900	10,200	9,300	8,900
75					9,300	8,900			9,500	9,700	9,100	
80									8,400	8,700	8,900	
85									7,400	7,600		
90									6,600			
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	66.4	66.3	65.0	62.5	78.0	77.9	76.4	73.5	90.2	90.0	88.3	85.1
Capacity	9,000	8,900	8,900	8,900	8,800	8,900	8,900	8,900	6,600	6,600	6,900	7,400

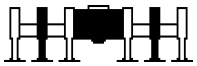
2101090

Radius (ft)	Boom Length (ft) / Fly Offset 87.3 0°	87.3 15°	87.3 30°	87.3 45°	113.4 0°	113.4 15°	113.4 30°	113.4 45°	140.3 0°	140.3 15°	140.3 30°	140.3 45°
20	23,700											
25	22,300				20,900							
30	20,900	16,300			20,800							
35	19,700	15,500	12,700		19,900	15,800			17,300			
40	18,500	14,700	12,200		19,100	15,200			17,300			
45	17,400	14,000	11,800	10,400	18,300	14,700	12,200		17,300	14,800		
50	16,600	13,400	11,400	10,200	17,500	14,100	11,900	10,400	16,000	14,400	12,100	
55	15,600	12,800	11,100	10,000	14,900	13,600	11,600	10,200	13,400	14,000	11,900	
60	13,800	12,300	10,700	9,800	12,700	13,200	11,300	10,000	11,200	12,500	11,600	10,200
65	11,900	11,900	10,500	9,600	10,800	11,800	11,000	9,900	9,400	10,600	11,400	10,100
70	10,300	11,000	10,200	9,400	9,300	10,100	10,700	9,800	7,800	8,900	9,900	10,000
75	9,000	9,600	9,900	9,200	7,900	8,700	9,400	9,600	6,500	7,500	8,400	9,000
80	7,800	8,400	8,900	9,000	6,800	7,500	8,100	8,600	5,400	6,300	7,100	7,700
85	6,800	7,300	7,700	8,000	5,800	6,500	7,000	7,400	4,400	5,200	5,900	6,500
90	6,000	6,400	6,700	6,900	4,900	5,500	6,000	6,300	3,500	4,300	4,900	5,400
95	5,200	5,500	5,800		4,200	4,700	5,100	5,400	2,800	3,500	4,100	4,500
100	4,500	4,800	5,000		3,500	3,900	4,300	4,600	2,100	2,700	3,300	3,600
105	3,900	4,100	4,200		2,800	3,300	3,600	3,800	1,500	2,100	2,500	2,900
110	3,300	3,500			2,300	2,700	3,000	3,100		1,500	1,900	2,200
115	2,900				1,800	2,100	2,400				1,300	1,600
120					1,300	1,600	1,800					1,000
125					900	1,200	1,300					
Min Angle	0.0	0.0	0.0	0.0	28.0	29.0	29.0	28.5	51.0	51.0	51.0	51.0
Max Rad.	115.4	115.1	113.1	109.6	125.8	128.5	129.5	128.8	110.0	115.0	119.5	121.3
Capacity	2,900	2,900	3,000	3,200	0	0	0	0	0	0	0	0

2101090

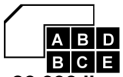
Not for crane operations

Rated Lifting Capacities In Pounds



Intermediate

58ft Offset Fly



36,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	38.3				61.7				86.0			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
15	16,600											
20	14,700				14,300							
25	13,000				13,400				12,400			
30	11,600	9,600			12,500				11,900			
35	10,500	8,800			11,700	9,400			11,500			
40	9,500	8,200	7,200		10,900	8,800			11,000	9,100		
45	8,700	7,600	6,700		10,100	8,300			10,600	8,700		
50	8,100	7,100	6,300	5,700	9,400	7,900	6,700		10,100	8,300		
55	7,500	6,700	6,000	5,500	8,800	7,400	6,400		9,700	7,900	6,700	
60	6,900	6,300	5,700	5,200	8,300	7,100	6,100	5,500	9,200	7,600	6,400	
65	6,500	5,900	5,400	5,100	7,800	6,700	5,900	5,300	8,800	7,300	6,200	5,500
70	6,000	5,600	5,200	4,900	7,300	6,400	5,700	5,200	8,300	7,000	6,000	5,400
75	5,700	5,300	5,000	4,800	6,900	6,100	5,500	5,100	8,000	6,700	5,800	5,200
80	5,300	5,100	4,900	4,800	6,600	5,800	5,300	5,000	7,600	6,500	5,700	5,100
85	5,000	4,900	4,800		6,200	5,600	5,200	4,900	7,200	6,200	5,500	5,000
90					5,900	5,400	5,000	4,800	6,900	6,000	5,400	5,000
95					5,600	5,200	4,900	4,800	6,600	5,800	5,200	4,900
100					5,400	5,000	4,800		6,000	5,600	5,100	4,800
105					5,100	4,900	4,700		5,400	5,500	5,000	4,800
110					4,900	4,800			4,800	5,300	4,900	4,700
115									4,300	4,700	4,800	4,700
120									3,900	4,200	4,400	
125									3,400	3,700	3,900	
130									3,100	3,300		
135									2,700	2,800		

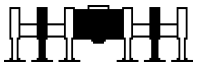
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	89.4	89.2	87.3	84.0	112.7	112.3	109.8	105.3	137.0	136.4	133.5	128.2
Capacity	4,800	4,900	4,800	4,800	4,800	4,800	4,700	4,800	2,600	2,700	2,800	3,100

2101100

For sales use

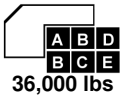
Not for crane operations

Rated Lifting Capacities In Pounds



Intermediate

58ft Offset Fly



36,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	111.2				137.2				164.1			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
30	10,100											
35	10,100											
40	10,100				8,600							
45	10,100				8,600							
50	10,000	8,500			8,600				7,500			
55	9,700	8,200			8,600	8,200			7,500			
60	9,500	7,900			8,600	8,000			7,500			
65	9,200	7,600	6,400		8,600	7,800			7,500	7,800		
70	8,900	7,400	6,300	5,500	8,600	7,600	6,400		7,500	7,600		
75	8,600	7,100	6,100	5,400	8,600	7,400	6,300		7,500	7,500		
80	8,300	6,900	5,900	5,300	7,800	7,200	6,100	5,400	6,500	7,300	6,300	
85	7,800	6,700	5,800	5,200	6,800	7,000	6,000	5,300	5,500	6,800	6,100	
90	6,900	6,500	5,700	5,100	5,900	6,800	5,900	5,200	4,600	5,800	6,000	5,300
95	6,100	6,300	5,500	5,000	5,100	6,100	5,700	5,100	3,800	5,000	5,900	5,200
100	5,400	6,100	5,400	5,000	4,400	5,300	5,600	5,100	3,100	4,200	5,100	5,200
105	4,800	5,400	5,300	4,900	3,800	4,600	5,300	5,000	2,500	3,500	4,400	5,100
110	4,200	4,800	5,200	4,900	3,200	4,000	4,600	5,000	2,000	2,900	3,700	4,300
115	3,700	4,200	4,700	4,800	2,700	3,400	4,000	4,500	1,400	2,300	3,100	3,700
120	3,200	3,700	4,100	4,400	2,200	2,900	3,400	3,800	1,000	1,800	2,500	3,000
125	2,800	3,200	3,600	3,800	1,800	2,400	2,900	3,300		1,300	2,000	2,500
130	2,400	2,800	3,100	3,300	1,400	2,000	2,400	2,800		900	1,500	1,900
135	2,000	2,400	2,700	2,800	1,100	1,600	2,000	2,300			1,000	1,500
140	1,700	2,000	2,200			1,200	1,600	1,800				1,000
145	1,400	1,700	1,800			900	1,200	1,400				
150	1,100	1,300	1,400					1,000				
155	900	1,000										

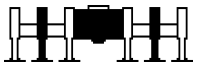
Min Angle	17.5	19.5	24.0	9.0	45.0	45.5	46.5	46.0	58.0	59.0	59.5	59.5
Max Rad.	156.3	157.5	155.0	146.9	138.1	145.6	149.4	151.9	121.9	130.6	136.9	141.9
Capacity	0	0	0	0	0	0	0	0	0	0	0	0

2101100

For sale in South Africa

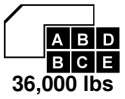
Not for crane operations

Rated Lifting Capacities In Pounds



Intermediate

58ft Offset Fly



36,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	38.3				50.0				74.3			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
15	16,600				16,300							
20	14,700				14,900							
25	13,000				13,600				13,500			
30	11,600	9,600			12,400	9,900			12,700			
35	10,500	8,800			11,300	9,200			12,000			
40	9,500	8,200	7,200		10,300	8,600			11,400	9,100		
45	8,700	7,600	6,700		9,500	8,000	6,900		10,700	8,600		
50	8,100	7,100	6,300	5,700	8,800	7,600	6,600		10,100	8,200	6,900	
55	7,500	6,700	6,000	5,500	8,200	7,100	6,200	5,600	9,500	7,800	6,600	
60	6,900	6,300	5,700	5,200	7,700	6,700	5,900	5,400	8,900	7,400	6,300	5,600
65	6,500	5,900	5,400	5,100	7,200	6,300	5,700	5,200	8,400	7,100	6,100	5,400
70	6,000	5,600	5,200	4,900	6,700	6,000	5,500	5,100	8,000	6,800	5,900	5,300
75	5,700	5,300	5,000	4,800	6,300	5,700	5,300	4,900	7,500	6,500	5,700	5,200
80	5,300	5,100	4,900	4,800	6,000	5,500	5,100	4,900	7,200	6,200	5,500	5,100
85	5,000	4,900	4,800		5,600	5,300	5,000	4,800	6,800	6,000	5,300	5,000
90					5,300	5,100	4,800		6,500	5,700	5,200	4,900
95					5,100	4,900	4,700		6,200	5,500	5,100	4,800
100					4,900	4,800			5,900	5,300	5,000	4,800
105									5,300	5,200	4,900	4,800
110									4,800	5,000	4,800	
115									4,200	4,500	4,700	
120									3,800	4,000		
125									3,400			

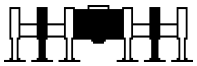
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	89.4	89.2	87.3	84.0	101.0	100.7	98.5	94.5	125.4	124.8	122.0	117.1
Capacity	4,800	4,900	4,800	4,800	4,800	4,800	4,700	4,800	3,400	3,500	3,700	4,100

2101110

For sales use

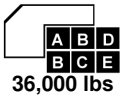
Not for crane operations

Rated Lifting Capacities In Pounds



Intermediate

58ft Offset Fly



36,000 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	99.5				125.5				152.4			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
30	12,300											
35	11,800				10,800							
40	11,400				10,800							
45	11,000	8,900			10,700				9,200			
50	10,600	8,600			10,500	8,700			9,200			
55	10,200	8,200	6,800		10,200	8,400			9,200			
60	9,800	7,900	6,600		9,900	8,200			9,200	8,300		
65	9,300	7,600	6,400	5,600	9,600	7,900	6,600		9,200	8,100		
70	8,900	7,300	6,200	5,400	9,400	7,700	6,400		8,700	7,900		
75	8,500	7,000	6,000	5,300	8,800	7,400	6,200	5,400	7,400	7,600	6,400	
80	8,100	6,800	5,800	5,200	7,600	7,200	6,100	5,300	6,300	7,500	6,300	5,400
85	7,700	6,500	5,700	5,100	6,600	7,000	5,900	5,300	5,300	6,600	6,100	5,400
90	6,800	6,300	5,500	5,000	5,700	6,700	5,800	5,200	4,400	5,600	6,000	5,300
95	6,000	6,100	5,400	5,000	4,900	5,900	5,700	5,100	3,600	4,800	5,800	5,200
100	5,300	5,900	5,300	4,900	4,200	5,100	5,600	5,000	2,900	4,000	4,900	5,100
105	4,600	5,300	5,200	4,900	3,600	4,400	5,100	5,000	2,300	3,300	4,200	4,900
110	4,100	4,600	5,100	4,800	3,000	3,800	4,400	4,900	1,700	2,700	3,500	4,100
115	3,600	4,100	4,500	4,800	2,500	3,200	3,800	4,200	1,200	2,100	2,900	3,400
120	3,100	3,500	3,900	4,100	2,100	2,700	3,200	3,600		1,600	2,300	2,800
125	2,700	3,100	3,400	3,500	1,600	2,200	2,700	3,000		1,100	1,800	2,200
130	2,300	2,600	2,900		1,300	1,800	2,200	2,500			1,300	1,700
135	1,900	2,200	2,400		900	1,400	1,800	2,000				1,200
140	1,600	1,800	1,900			1,000	1,400	1,500				
145	1,300	1,500					1,000	1,100				
150	1,100											

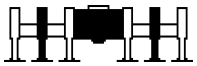
Min Angle	0.0	0.0	0.0	0.0	41.5	42.5	42.5	43.0	56.0	57.0	57.5	57.5
Max Rad.	150.5	149.8	146.7	141.1	135.8	142.5	146.9	147.5	119.4	128.1	134.5	138.5
Capacity	1,100	1,100	1,200	1,300	0	0	0	0	0	0	0	0

2101110

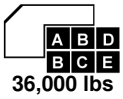
For sale/use only

Not for crane operations

Rated Lifting Capacities In Pounds


Intermediate

58ft Offset Fly



36,000 lbs

Radius (ft)	Boom Length (ft) / Fly Offset											
	38.3				50.0				62.1			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
15	16,600				16,300							
20	14,700				14,900				14,800			
25	13,000				13,600				13,800			
30	11,600	9,600			12,400	9,900			12,800			
35	10,500	8,800			11,300	9,200			11,900	9,500		
40	9,500	8,200	7,200		10,300	8,600			11,000	8,900		
45	8,700	7,600	6,700		9,500	8,000	6,900		10,200	8,400	7,100	
50	8,100	7,100	6,300	5,700	8,800	7,600	6,600		9,500	7,900	6,700	
55	7,500	6,700	6,000	5,500	8,200	7,100	6,200	5,600	8,900	7,500	6,400	5,700
60	6,900	6,300	5,700	5,200	7,700	6,700	5,900	5,400	8,400	7,100	6,200	5,500
65	6,500	5,900	5,400	5,100	7,200	6,300	5,700	5,200	7,900	6,700	5,900	5,300
70	6,000	5,600	5,200	4,900	6,700	6,000	5,500	5,100	7,400	6,400	5,700	5,200
75	5,700	5,300	5,000	4,800	6,300	5,700	5,300	4,900	7,000	6,100	5,500	5,100
80	5,300	5,100	4,900	4,800	6,000	5,500	5,100	4,900	6,600	5,900	5,300	5,000
85	5,000	4,900	4,800		5,600	5,300	5,000	4,800	6,200	5,600	5,200	4,900
90					5,300	5,100	4,800		5,900	5,400	5,000	4,800
95					5,100	4,900	4,700		5,600	5,200	4,900	4,800
100					4,900	4,800			5,400	5,100	4,800	
105									5,100	4,900	4,700	
110									4,900	4,800		

Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	89.4	89.2	87.3	84.0	101.0	100.7	98.5	94.5	113.2	112.7	110.2	105.7
Capacity	4,800	4,900	4,800	4,800	4,800	4,800	4,700	4,800	4,600	4,700	4,700	4,800

2101120

For sales us

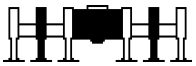
Radius (ft)	Boom Length (ft) / Fly Offset											
	87.3				113.4				140.3			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
25	13,600											
30	12,900				12,500							
35	12,300				12,100							
40	11,700	9,400			11,700				11,000			
45	11,200	8,900			11,300	9,200			11,000			
50	10,600	8,500			10,900	8,800			10,800			
55	10,100	8,100	6,700		10,500	8,500			10,500	8,700		
60	9,500	7,700	6,500		10,200	8,100	6,700		10,300	8,400		
65	9,000	7,400	6,300	5,500	9,800	7,900	6,500		10,000	8,100		
70	8,600	7,100	6,100	5,400	9,400	7,600	6,300	5,500	8,600	7,900	6,500	
75	8,100	6,800	5,900	5,200	8,700	7,300	6,200	5,400	7,300	7,700	6,400	
80	7,700	6,500	5,700	5,100	7,600	7,100	6,000	5,300	6,200	7,400	6,200	5,400
85	7,400	6,300	5,500	5,000	6,600	6,800	5,800	5,200	5,200	6,500	6,100	5,300
90	6,800	6,100	5,400	5,000	5,700	6,600	5,700	5,100	4,300	5,500	5,900	5,200
95	6,000	5,900	5,300	4,900	4,900	5,800	5,600	5,000	3,500	4,600	5,700	5,200
100	5,300	5,700	5,100	4,800	4,200	5,000	5,400	5,000	2,800	3,900	4,800	5,100
105	4,700	5,300	5,000	4,800	3,600	4,400	5,000	4,900	2,200	3,200	4,000	4,700
110	4,100	4,600	4,900	4,800	3,000	3,700	4,300	4,800	1,600	2,600	3,400	4,000
115	3,600	4,000	4,400	4,600	2,500	3,200	3,700	4,100	1,100	2,000	2,700	3,300
120	3,100	3,500	3,800		2,000	2,600	3,100	3,500		1,500	2,100	2,600
125	2,700	3,000	3,200		1,600	2,200	2,600	2,900		1,000	1,600	2,100
130	2,300	2,600			1,200	1,700	2,100	2,300			1,100	1,500
135	2,000	2,100			900	1,300	1,600	1,800				1,000
140						900	1,200					

Min Angle	0.0	0.0	0.0	0.0	35.5	37.0	37.0	36.5	53.5	54.5	55.0	55.0
Max Rad.	138.4	137.7	134.8	129.5	135.8	140.8	144.4	144.5	118.1	126.5	133.1	136.5
Capacity	1,800	1,900	2,000	2,200	0	0	0	0	0	0	0	0

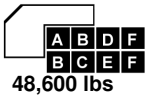
crane operations

2101120

Rated Lifting Capacities In Pounds



Intermediate



48,600 lbs

Radius (ft)	Boom Length (ft) Extend Mode										
	38.3	50.0	50.5	60.0	61.7	62.1	63.0	73.8	74.3	74.7	75.0
	ALL	EM1,2,3,4,5	EM6	EM2	EM1, EM4	EM3, EM5	EM6	EM4	EM2	EM5	EM1
10	142,300										
12	125,300										
15	105,500	73,000	107,600								
20	82,500	63,600	84,800	68,900	42,000	69,700	85,400				
25	58,500	56,300	62,200	61,800	36,700	62,600	63,300	39,800	41,000	65,000	40,000
30	42,400	46,600	45,900	48,100	32,700	48,400	47,200	35,800	36,400	48,700	36,000
35		36,100	35,500	37,600	29,400	37,900	36,700	32,500	32,800	38,400	32,700
40		28,800	28,300	30,400	26,700	30,600	29,500	29,800	29,700	31,200	29,900
45				25,000	24,400	25,200	24,100	26,700	26,300	25,800	26,800
50				20,800	21,600	21,100	20,000	22,600	22,200	21,600	22,600
55						17,800	16,700	19,300	18,900	18,400	19,400
60								16,600	16,200	15,800	16,700
65								14,500	14,100	13,600	14,500
Unpinned			106,000				85,400				
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	31.3	43.0	43.5	53.0	54.7	55.1	56.0	66.8	67.3	67.7	68.0
Capacity	33,100	24,700	23,800	18,800	18,500	17,700	16,200	13,700	13,200	12,500	13,400

2110010

⚠ WARNING

Do Not Raise Boom Above 71° Boom Angle, Loss of Backward Stability Will Occur Causing a Tipping Condition.

Radius (ft)	Boom Length (ft) Extend Mode										
	75.0	76.1	85.0	86.0	86.4	87.3	87.8	89.5	99.4	99.5	100.0
	EM3	EM6	EM2	EM1	EM4	EM3	EM5	EM6	EM4	EM2	EM1
25	65,000	63,000									
30	48,700	47,000	38,800	31,100	38,600	44,000	48,300	46,000			
35	38,400	36,600	35,200	28,000	35,400	38,600	38,000	35,700	37,700	34,000	30,200
40	31,200	29,500	31,900	25,400	32,200	31,500	30,900	28,700	31,700	31,000	27,600
45	25,800	24,200	26,600	23,200	27,000	26,200	25,500	23,500	26,500	26,700	25,400
50	21,600	20,000	22,400	21,300	22,800	22,000	21,400	19,400	22,400	22,600	23,400
55	18,400	16,800	19,100	19,700	19,500	18,700	18,100	16,200	19,100	19,400	20,100
60	15,800	14,200	16,500	17,300	16,800	16,100	15,600	13,600	16,500	16,700	17,400
65	13,600	12,100	14,300	15,200	14,700	13,900	13,400	11,500	14,400	14,600	15,300
70			12,500	13,300	12,800	12,100	11,500	9,600	12,500	12,700	13,400
75			10,900	11,700	11,300	10,500	10,000	8,100	10,900	11,200	11,800
80						9,200	8,600	6,700	9,600	9,800	10,500
85									8,400	8,600	9,300
90									7,400	7,600	8,200
Unpinned		63,000						46,000			
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	68.0	69.1	78.0	79.0	79.4	80.3	80.8	82.5	92.4	92.5	93.0
Capacity	12,400	10,500	10,100	10,600	10,100	9,100	8,400	6,100	6,900	7,100	7,700

2110010

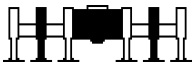
⚠ WARNING

Do Not Raise Boom Above 71° Boom Angle, Loss of Backward Stability Will Occur Causing a Tipping Condition.

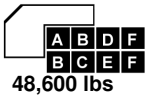
For sales use only

Not for crane operations

Rated Lifting Capacities In Pounds



Intermediate



48,600 lbs

	Boom Length (ft)									
	Extend Mode									
Radius (ft)	100.0		110.0	111.2	113.4	114.6	115.0	125.0		125.5
	EM3	EM5	EM2	EM1	EM3	EM5	EM4	EM1	EM3	EM2
35	38,200	37,100								
40	31,100	30,000	31,600	28,500	30,800	29,200	30,700			
45	25,800	24,700	26,400	26,200	25,500	23,900	25,400	27,000	24,900	26,000
50	21,700	20,700	22,300	23,300	21,400	19,900	21,400	22,900	20,800	21,900
55	18,500	17,400	19,100	20,100	18,200	16,700	18,200	19,600	17,600	18,700
60	15,800	14,900	16,500	17,400	15,700	14,300	15,700	17,000	15,100	16,100
65	13,700	12,700	14,400	15,300	13,500	12,100	13,500	15,000	13,000	14,100
70	11,900	10,900	12,500	13,500	11,700	10,300	11,600	13,100	11,200	12,200
75	10,300	9,300	10,900	11,900	10,100	8,700	10,100	11,500	9,600	10,600
80	8,900	8,000	9,600	10,500	8,800	7,400	8,700	10,200	8,300	9,300
85	7,800	6,800	8,400	9,300	7,600	6,200	7,500	9,000	7,100	8,100
90	6,700	5,800	7,300	8,300	6,600	5,200	6,500	7,900	6,000	7,100
95			6,400	7,400	5,600	4,300	5,600	7,000	5,100	6,100
100			5,600	6,500	4,800	3,500	4,800	6,200	4,300	5,300
105					4,100	2,700	4,100	5,400	3,600	4,600
110								4,800	2,900	3,900
115								4,200	2,300	3,300

Unpinned										

Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	93.0	93.0	103.0	104.2	106.4	107.6	108.0	118.0	118.0	118.5
Capacity	6,200	5,200	5,200	5,900	3,900	2,400	3,700	3,900	2,000	3,000

2110010

⚠ WARNING

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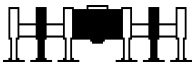
Not for crane operations

Rated Lifting Capacities In Pounds



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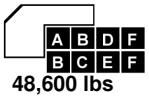

48,600 lbs

Radius (ft)	Boom Length (ft) Extend Mode						
	126.3 EM4	137.2 EM1	140.0 EM2	140.3 EM3	150.0 EM1	152.4 EM2	164.1 EM1
45	24,800						
50	20,800	22,500	21,200	20,100			
55	17,600	19,300	18,000	16,900	18,600	17,400	
60	15,100	16,700	15,500	14,500	16,000	15,000	15,600
65	13,000	14,700	13,400	12,400	14,000	12,900	13,400
70	11,100	12,800	11,600	10,600	12,200	11,100	11,600
75	9,600	11,300	10,000	9,000	10,700	9,500	10,100
80	8,200	9,900	8,700	7,700	9,300	8,200	8,800
85	7,100	8,700	7,500	6,500	8,200	7,000	7,600
90	6,000	7,700	6,400	5,500	7,100	6,000	6,600
95	5,100	6,800	5,500	4,600	6,200	5,100	5,700
100	4,300	5,900	4,700	3,800	5,400	4,300	4,800
105	3,600	5,200	4,000	3,000	4,600	3,500	4,100
110	2,900	4,500	3,300	2,400	4,000	2,900	3,400
115	2,300	3,900	2,700	1,800	3,400	2,300	2,800
120		3,400	2,200	1,300	2,800	1,700	2,300
125		2,900	1,700		2,300	1,200	1,800
130		2,500	1,200		1,900		1,300
135					1,500		900
140					1,100		
Unpinned							
Min Angle	0.0	0.0	0.0	23.0	0.0	29.0	32.5
Max Rad.	119.3	130.2	133.0	125.0	143.0	130.0	136.3
Capacity	1,900	2,400	1,000	0	900	0	0

2110010

For sales use only

⚠ WARNING

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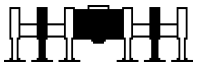
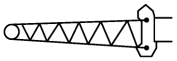
Not for crane operations

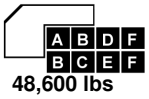
Rated Lifting Capacities In Pounds



Intermediate



10ft Offset Fly
0°- 45° Offset



48,600 lbs

Radius (ft)	Boom Length (ft) Extend Mode										
	38.3	50.0	50.5	60.0	61.7	62.1	63.0	73.8	74.3	74.7	75.0
	ALL	EM1,2,3,4,5	EM6	EM2	EM1, EM4	EM3, EM5	EM6	EM4	EM2	EM5	EM1
20	36,400		38,600								
25	34,400	34,400	36,300	36,900	27,500	37,300	38,000				
30	33,400	31,600	34,400	34,100	24,600	34,400	36,200	26,300	30,600	36,500	26,400
35	32,500	29,000	34,000	31,400	22,200	31,800	34,600	24,000	27,600	34,200	24,100
40	28,600	26,800	29,900	29,200	20,300	29,600	30,200	22,100	25,000	31,200	22,200
45		25,200	24,700	25,800	18,600	25,900	24,900	20,400	22,900	25,900	20,600
50		21,100	20,600	21,800	17,300	21,900	20,900	19,000	21,100	21,900	19,100
55				18,600	16,300	18,700	17,700	17,800	19,100	18,700	17,900
60				16,000	15,300	16,100	15,200	16,900	16,600	16,100	16,900
65						14,000	13,100	14,800	14,500	14,000	14,800
70								13,000	12,700	12,200	13,000
75								11,500	11,100	10,700	11,500
Unpinned			38,600				38,000				
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	41.4	53.1	53.5	63.1	64.7	65.2	66.1	76.9	77.4	77.8	78.1
Capacity	26,300	19,200	18,500	14,700	14,600	14,000	12,700	11,000	10,500	10,000	10,700

2111010

⚠ WARNING

Do Not Raise Boom Above 71° Boom Angle, Loss of Backward Stability Will Occur Causing a Tipping Condition.

Radius (ft)	Boom Length (ft) Extend Mode										
	75.0	76.1	85.0	86.0	86.4	87.3	87.8	89.5	99.4	99.5	100.0
	EM3	EM6	EM2	EM1	EM4	EM3	EM5	EM6	EM4	EM2	EM1
30	36,500	37,500									
35	34,200	36,000	29,000	24,300	25,600	34,900	35,900	35,600			
40	31,200	29,700	26,600	22,000	23,700	31,200	30,600	28,600	25,100		
45	25,900	24,400	24,500	20,100	22,100	25,900	25,400	23,400	23,500	25,600	21,700
50	21,900	20,400	22,300	18,500	20,600	21,900	21,300	19,400	22,000	22,200	20,100
55	18,700	17,200	19,100	17,200	19,400	18,700	18,100	16,300	18,800	19,000	18,700
60	16,100	14,700	16,500	16,000	16,800	16,100	15,600	13,800	16,200	16,400	17,000
65	14,000	12,600	14,400	14,900	14,700	14,000	13,500	11,700	14,200	14,400	15,000
70	12,200	10,800	12,600	13,300	12,900	12,200	11,700	9,900	12,400	12,600	13,200
75	10,700	9,300	11,100	11,800	11,400	10,700	10,200	8,400	10,800	11,000	11,600
80			9,800	10,400	10,000	9,300	8,800	7,100	9,500	9,700	10,300
85			8,600	9,300	8,900	8,200	7,700	6,000	8,300	8,500	9,100
90						7,200	6,700	5,000	7,300	7,500	8,100
95									6,400	6,600	7,200
100									5,600	5,800	6,400
Unpinned		37,500						35,600			
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	78.1	79.1	88.1	89.0	89.5	90.4	90.8	92.6	102.5	102.5	103.1
Capacity	9,900	8,300	8,000	8,500	8,000	7,200	6,600	4,600	5,300	5,500	6,000

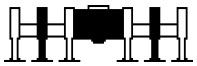
2111010

⚠ WARNING

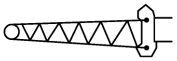
Do Not Raise Boom Above 71° Boom Angle, Loss of Backward Stability Will Occur Causing a Tipping Condition.

Not for crane operations

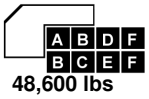
Rated Lifting Capacities In Pounds



Intermediate



10ft Offset Fly
0°- 45° Offset



48,600 lbs

Radius (ft)	Boom Length (ft) Extend Mode									
	100.0		110.0	111.2	113.4	114.6	115.0	125.0		125.5
	EM3	EM5	EM2	EM1	EM3	EM5	EM4	EM1	EM3	EM2
35		36,700								
40	30,700	29,700			30,300					
45	25,400	24,400	25,900		25,000	23,500			24,300	
50	21,400	20,400	21,800	20,900	21,000	19,500	20,900		20,300	21,300
55	18,200	17,200	18,600	19,600	17,800	16,400	17,700	19,000	17,100	18,100
60	15,700	14,700	16,000	16,900	15,300	13,900	15,300	16,400	14,700	15,700
65	13,600	12,600	14,000	14,900	13,200	11,800	13,100	14,400	12,500	13,500
70	11,800	10,800	12,200	13,100	11,400	10,000	11,300	12,600	10,700	11,700
75	10,200	9,300	10,600	11,500	9,800	8,500	9,800	11,000	9,200	10,200
80	8,900	8,000	9,300	10,200	8,500	7,200	8,500	9,700	7,900	8,900
85	7,800	6,900	8,200	9,000	7,400	6,100	7,300	8,500	6,800	7,700
90	6,800	5,900	7,200	8,000	6,400	5,100	6,300	7,500	5,800	6,700
95	5,900	5,000	6,300	7,100	5,500	4,200	5,400	6,600	4,900	5,800
100	5,100	4,200	5,500	6,300	4,700	3,400	4,600	5,800	4,100	5,000
105			4,800	5,600	4,000	2,700	3,900	5,100	3,400	4,300
110			4,100	5,000	3,400	2,100	3,300	4,500	2,700	3,700
115					2,800	1,500	2,700	3,900	2,200	3,100
120								3,400	1,600	2,600
125								2,900	1,200	2,100
Unpinned										

Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	103.1	103.1	113.1	114.2	116.4	117.7	118.1	128.1	128.1	128.6
Capacity	4,700	3,800	3,800	4,500	2,700	1,300	2,400	2,700	900	1,800

2111010

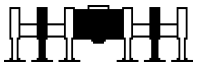
For sales use only

⚠ WARNING

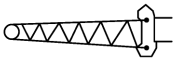
Do Not Raise Boom Above 71° Boom Angle, Loss of Backward Stability Will Occur Causing a Tipping Condition.

Not for crane operations

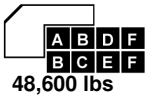
Rated Lifting Capacities In Pounds



Intermediate



10ft Offset Fly
0°- 45° Offset



48,600 lbs

Radius (ft)	Boom Length (ft) Extend Mode						
	126.3 EM4	137.2 EM1	140.0 EM2	140.3 EM3	150.0 EM1	152.4 EM2	164.1 EM1
50	20,200						
55	17,100	18,600	17,300	16,400			
60	14,600	16,000	14,900	14,000	15,500	14,400	
65	12,500	14,000	12,800	11,800	13,400	12,200	12,700
70	10,700	12,200	11,000	10,100	11,600	10,500	10,900
75	9,200	10,700	9,500	8,500	10,000	8,900	9,400
80	7,900	9,400	8,100	7,200	8,700	7,600	8,100
85	6,700	8,200	7,000	6,100	7,600	6,500	7,000
90	5,700	7,200	6,000	5,100	6,500	5,500	5,900
95	4,800	6,300	5,100	4,200	5,600	4,600	5,100
100	4,100	5,500	4,300	3,400	4,800	3,800	4,300
105	3,300	4,800	3,600	2,700	4,100	3,100	3,500
110	2,700	4,100	3,000	2,100	3,500	2,400	2,900
115	2,100	3,500	2,400	1,500	2,900	1,900	2,300
120	1,600	3,000	1,900	1,000	2,400	1,300	1,800
125		2,500	1,400		1,900		1,300
130		2,100	900		1,500		900
135		1,700			1,000		
140		1,300					
Unpinned							
Min Angle	16.5	0.0	26.0	34.0	28.0	38.5	40.5
Max Rad.	125.0	140.3	130.6	121.5	137.5	125.0	130.6
Capacity	0	1,300	0	0	0	0	0

2111010

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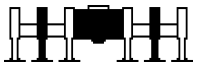
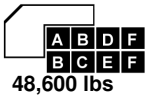
Not for crane operations

Rated Lifting Capacities In Pounds



Intermediate

35ft Offset Fly



48,600 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	38.3				61.7				86.0			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
20	21,100											
25	18,600											
30	16,700	14,000			19,200							
35	15,000	12,900	11,400		17,700							
40	13,600	12,000	10,800	9,900	16,500	13,600						
45	12,500	11,200	10,200	9,600	15,300	12,800	11,200		16,800			
50	11,500	10,500	9,700	9,200	14,300	12,200	10,700	9,800	16,000	13,200		
55	10,700	9,900	9,300	8,900	13,100	11,600	10,400	9,600	15,200	12,700	11,000	
60	9,900	9,300	8,900		12,000	11,000	10,000	9,300	14,400	12,200	10,700	9,800
65	9,200	8,900			11,000	10,500	9,600	9,100	13,300	11,700	10,400	9,500
70					10,200	9,800	9,300	8,900	12,300	11,300	10,100	9,300
75					9,500	9,200	9,000		11,500	10,900	9,800	9,100
80					8,900	8,600	8,500		10,700	10,300	9,500	9,000
85					8,300	8,200			10,000	9,800	9,300	8,900
90									9,200	9,200	8,900	8,800
95									8,300	8,600	8,600	
100									7,500	7,700	7,900	
105									6,700	6,900	7,000	
110									6,100	6,200		

Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	66.4	66.3	65.0	62.5	89.7	89.5	87.8	84.7	114.0	113.7	111.8	108.3
Capacity	9,000	8,900	8,900	8,900	7,900	8,000	8,100	8,500	5,700	5,700	5,900	6,200

2111070

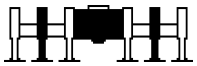
⚠ WARNING

Do Not Raise Boom Above 71° Boom Angle, Loss of Backward Stability Will Occur Causing a Tipping Condition.

For Sales Use Only

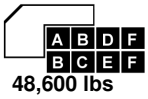
Not for crane operations

Rated Lifting Capacities In Pounds



Intermediate

35ft Offset Fly



48,600 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	111.2				137.2				164.1			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
55	15,800											
60	15,300	12,800										
65	14,800	12,500			13,200							
70	13,800	12,100	10,600	9,700	12,800							
75	12,200	11,800	10,400	9,500	11,300	12,100			9,900			
80	10,900	11,400	10,200	9,300	9,900	10,600	10,600		8,600			
85	9,700	10,200	9,900	9,200	8,700	9,400	10,000	9,400	7,400	8,300		
90	8,700	9,200	9,600	9,000	7,700	8,300	8,800	9,200	6,400	7,200	7,800	
95	7,700	8,200	8,600	8,800	6,800	7,400	7,800	8,200	5,500	6,200	6,800	7,300
100	6,900	7,300	7,600	7,800	6,000	6,500	6,900	7,200	4,700	5,400	5,900	6,300
105	6,200	6,600	6,800	7,000	5,300	5,700	6,100	6,400	4,000	4,600	5,100	5,500
110	5,500	5,900	6,100	6,200	4,600	5,000	5,400	5,600	3,300	3,900	4,400	4,700
115	4,900	5,200	5,400		4,000	4,400	4,700	4,900	2,800	3,300	3,700	4,000
120	4,400	4,600	4,800		3,500	3,800	4,100	4,300	2,200	2,700	3,100	3,300
125	3,900	4,100	4,200		3,000	3,300	3,500	3,700	1,700	2,200	2,500	2,700
130	3,500	3,600			2,500	2,800	3,000	3,100	1,300	1,700	2,000	2,200
135	3,100	3,200			2,100	2,400	2,600		900	1,200	1,500	1,700
140					1,700	2,000	2,100				1,100	1,200
145					1,400	1,600	1,700					
150					1,100	1,200	1,300					
155						900						

Min Angle	0.0	0.0	0.0	0.0	23.5	24.5	25.0	24.0	47.5	48.5	48.5	49.0
Max Rad.	139.2	138.8	136.7	132.9	154.2	155.8	155.6	154.4	135.6	139.4	143.1	144.4
Capacity	2,800	2,800	2,900	3,100	0	0	0	0	0	0	0	0

2111070

For Sales use only

⚠ WARNING

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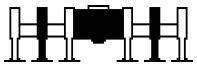
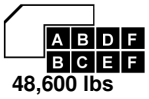
Not for crane operations

Rated Lifting Capacities In Pounds



Intermediate

35ft Offset Fly



48,600 lbs

Radius (ft)	Boom Length (ft) / Fly Offset											
	38.3				50.0				74.3			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
20	21,100											
25	18,600				20,200							
30	16,700	14,000			18,200							
35	15,000	12,900	11,400		16,700	13,800			18,800			
40	13,600	12,000	10,800	9,900	15,300	12,900	11,300		17,500			
45	12,500	11,200	10,200	9,600	14,100	12,100	10,700	9,900	16,500	13,500		
50	11,500	10,500	9,700	9,200	13,000	11,400	10,300	9,600	15,500	12,800	11,100	
55	10,700	9,900	9,300	8,900	12,100	10,800	9,900	9,300	14,600	12,200	10,700	9,800
60	9,900	9,300	8,900		11,400	10,300	9,500	9,000	13,700	11,700	10,400	9,600
65	9,200	8,900			10,700	9,800	9,100	8,900	13,000	11,200	10,100	9,300
70					10,000	9,300	8,900		12,300	10,800	9,800	9,100
75					9,300	8,900			11,700	10,400	9,500	9,000
80									11,100	10,000	9,200	8,900
85									10,000	9,600	9,000	
90									8,900	9,200	8,800	
95									8,000	8,200		
100									7,200	7,300		

Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	66.4	66.3	65.0	62.5	78.0	77.9	76.4	73.5	102.4	102.1	100.2	96.9
Capacity	9,000	8,900	8,900	8,900	9,000	8,900	8,900	8,900	6,900	7,000	7,200	7,700

2111080

⚠ WARNING

Do Not Raise Boom Above 71° Boom Angle, Loss of Backward Stability Will Occur Causing a Tipping Condition.

For Sales Use Only

Radius (ft)	Boom Length (ft) / Fly Offset											
	99.5				125.5				152.4			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
50	16,900											
55	16,100	13,200										
60	15,400	12,700	11,000		16,000							
65	14,700	12,300	10,700	9,800	14,400							
70	13,500	11,900	10,500	9,500	12,500	12,600			11,200			
75	12,000	11,500	10,200	9,300	11,000	11,800	10,700		9,600			
80	10,600	11,100	10,000	9,200	9,600	10,400	10,500	9,500	8,300	9,200		
85	9,400	10,000	9,700	9,000	8,500	9,100	9,700	9,300	7,100	7,900	8,700	
90	8,400	8,900	9,300	8,900	7,400	8,000	8,600	8,900	6,100	6,900	7,500	8,000
95	7,500	7,900	8,200	8,400	6,500	7,100	7,500	7,900	5,200	5,900	6,500	6,900
100	6,700	7,000	7,300	7,500	5,700	6,200	6,600	6,900	4,400	5,100	5,600	6,000
105	6,000	6,300	6,500		5,000	5,400	5,800	6,000	3,700	4,300	4,800	5,100
110	5,300	5,600	5,700		4,300	4,800	5,100	5,300	3,000	3,600	4,000	4,400
115	4,700	4,900	5,000		3,700	4,100	4,400	4,600	2,400	3,000	3,400	3,600
120	4,200	4,300			3,200	3,500	3,800	3,900	1,900	2,400	2,800	3,000
125	3,700	3,800			2,700	3,000	3,200		1,400	1,900	2,200	2,400
130					2,300	2,500	2,700		1,000	1,400	1,700	1,800
135					1,900	2,100	2,200			900	1,200	1,300
140					1,500	1,700	1,700					
145					1,100	1,300						

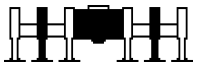
Min Angle	0.0	0.0	0.0	0.0	15.5	17.0	16.0	20.5	45.5	46.0	46.0	46.5
Max Rad.	127.5	127.2	125.1	121.4	149.2	150.0	149.5	145.0	131.9	135.6	139.4	140.0
Capacity	3,500	3,500	3,700	3,900	0	0	0	0	0	0	0	0

2111080

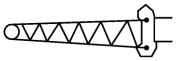
⚠ WARNING

Do Not Raise Boom Above 71° Boom Angle, Loss of Backward Stability Will Occur Causing a Tipping Condition.

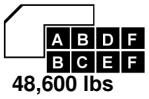
Rated Lifting Capacities In Pounds



Intermediate



35ft Offset Fly



48,600 lbs

Radius (ft)	Boom Length (ft) / Fly Offset 38.3 0°	38.3 15°	38.3 30°	38.3 45°	50.0 0°	50.0 15°	50.0 30°	50.0 45°	62.1 0°	62.1 15°	62.1 30°	62.1 45°
20	21,100											
25	18,600				20,200							
30	16,700	14,000			18,200				19,500			
35	15,000	12,900	11,400		16,700	13,800			17,900			
40	13,600	12,000	10,800	9,900	15,300	12,900	11,300		16,700	13,600		
45	12,500	11,200	10,200	9,600	14,100	12,100	10,700	9,900	15,500	12,900	11,200	
50	11,500	10,500	9,700	9,200	13,000	11,400	10,300	9,600	14,400	12,200	10,700	9,800
55	10,700	9,900	9,300	8,900	12,100	10,800	9,900	9,300	13,500	11,600	10,400	9,600
60	9,900	9,300	8,900		11,400	10,300	9,500	9,000	12,600	11,100	10,000	9,300
65	9,200	8,900			10,700	9,800	9,100	8,900	11,900	10,600	9,700	9,100
70					10,000	9,300	8,900		11,200	10,200	9,300	8,900
75					9,300	8,900			10,700	9,700	9,100	
80									10,100	9,300	8,900	
85									9,500	9,000		
90									8,900			
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	66.4	66.3	65.0	62.5	78.0	77.9	76.4	73.5	90.2	90.0	88.3	85.1
Capacity	9,000	8,900	8,900	8,900	9,000	8,900	8,900	8,900	8,900	9,000	8,800	8,900

2111090

⚠ WARNING

Do Not Raise Boom Above 71° Boom Angle, Loss of Backward Stability Will Occur Causing a Tipping Condition.

For safe use only

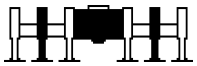
Radius (ft)	Boom Length (ft) / Fly Offset 87.3 0°	87.3 15°	87.3 30°	87.3 45°	113.4 0°	113.4 15°	113.4 30°	113.4 45°	140.3 0°	140.3 15°	140.3 30°	140.3 45°
40	18,500											
45	17,400											
50	16,600	13,400										
55	15,600	12,800	11,100		16,900							
60	14,800	12,300	10,700	9,800	16,200	13,200						
65	14,100	11,900	10,500	9,600	14,200	12,800	11,000		12,700			
70	13,400	11,400	10,200	9,400	12,400	12,400	10,700	9,800	10,900			
75	11,900	11,000	9,900	9,200	10,800	11,600	10,500	9,600	9,400	10,400		
80	10,500	10,700	9,600	9,000	9,500	10,200	10,300	9,400	8,100	9,000	9,700	
85	9,300	9,800	9,400	8,900	8,300	9,000	9,500	9,200	6,900	7,700	8,400	9,000
90	8,300	8,700	9,100	8,800	7,300	7,900	8,400	8,700	5,900	6,700	7,300	7,800
95	7,400	7,800	8,000		6,400	6,900	7,300	7,600	5,000	5,700	6,300	6,700
100	6,600	6,900	7,100		5,600	6,100	6,400	6,700	4,200	4,800	5,400	5,700
105	5,900	6,100	6,200		4,800	5,300	5,600	5,800	3,500	4,100	4,500	4,900
110	5,200	5,400			4,200	4,600	4,900	5,000	2,800	3,400	3,800	4,100
115	4,700				3,600	3,900	4,200		2,200	2,700	3,100	3,400
120					3,100	3,400	3,500		1,700	2,200	2,500	2,700
125					2,600	2,800	3,000		1,200	1,600	1,900	2,100
130					2,100	2,300				1,200	1,400	1,500
135					1,700	1,900					900	
140					1,400							
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	42.0	42.0	42.5	42.5
Max Rad.	115.4	115.1	113.1	109.6	141.4	141.0	138.9	135.1	129.4	133.5	135.6	136.5
Capacity	4,700	4,700	4,900	5,200	1,300	1,300	1,400	1,500	0	0	0	0

2111090

⚠ WARNING

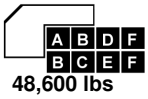
Do Not Raise Boom Above 71° Boom Angle, Loss of Backward Stability Will Occur Causing a Tipping Condition.

Rated Lifting Capacities In Pounds



Intermediate

58ft Offset Fly



48,600 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	38.3				61.7				86.0			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
30	11,600											
35	10,500											
40	9,500				10,900							
45	8,700	7,600			10,100							
50	8,100	7,100			9,400				10,100			
55	7,500	6,700	6,000		8,800	7,400			9,700			
60	6,900	6,300	5,700	5,200	8,300	7,100			9,200			
65	6,500	5,900	5,400	5,100	7,800	6,700	5,900		8,800	7,300		
70	6,000	5,600	5,200	4,900	7,300	6,400	5,700	5,200	8,300	7,000		
75	5,700	5,300	5,000	4,800	6,900	6,100	5,500	5,100	8,000	6,700	5,800	
80	5,300	5,100	4,900	4,800	6,600	5,800	5,300	5,000	7,600	6,500	5,700	5,100
85	5,000	4,900	4,800		6,200	5,600	5,200	4,900	7,200	6,200	5,500	5,000
90					5,900	5,400	5,000	4,800	6,900	6,000	5,400	5,000
95					5,600	5,200	4,900	4,800	6,600	5,800	5,200	4,900
100					5,400	5,000	4,800		6,300	5,600	5,100	4,800
105					5,100	4,900	4,700		6,100	5,500	5,000	4,800
110					4,900	4,800			5,800	5,300	4,900	4,700
115									5,600	5,200	4,800	4,700
120									5,400	5,000	4,800	
125									5,100	4,900	4,700	
130									4,700	4,800		
135									4,300	4,300		

Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	89.4	89.2	87.3	84.0	112.7	112.3	109.8	105.3	137.0	136.4	133.5	128.2
Capacity	4,800	4,900	4,800	4,800	4,800	4,800	4,700	4,800	4,100	4,200	4,400	4,700

2111100

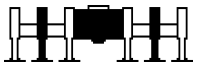
For sales us

⚠ WARNING

Do Not Raise Boom Above 71° Boom Angle, Loss of Backward Stability Will Occur Causing a Tipping Condition.

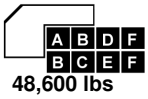
Not for crane operations

Rated Lifting Capacities In Pounds



Intermediate

58ft Offset Fly



48,600 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	111.2				137.2				164.1			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
65	9,200											
70	8,900											
75	8,600	7,100			8,600							
80	8,300	6,900			8,600							
85	8,000	6,700	5,800		8,400							
90	7,700	6,500	5,700		8,200	6,800			7,000			
95	7,400	6,300	5,500	5,000	7,300	6,700			6,100			
100	7,200	6,100	5,400	5,000	6,500	6,500	5,600		5,200	6,300		
105	6,800	5,900	5,300	4,900	5,800	6,300	5,500	5,000	4,500	5,500		
110	6,100	5,800	5,200	4,900	5,100	5,900	5,400	5,000	3,900	4,800	5,600	
115	5,500	5,600	5,100	4,800	4,500	5,200	5,300	4,900	3,300	4,100	4,900	
120	4,900	5,400	5,000	4,800	4,000	4,600	5,200	4,900	2,700	3,500	4,200	4,800
125	4,400	4,900	4,900	4,700	3,500	4,100	4,600	4,800	2,200	3,000	3,600	4,100
130	4,000	4,400	4,700	4,700	3,000	3,600	4,000	4,300	1,800	2,500	3,100	3,500
135	3,600	3,900	4,200	4,300	2,600	3,100	3,500	3,800	1,300	2,000	2,600	3,000
140	3,200	3,500	3,700		2,200	2,700	3,000	3,300	1,000	1,600	2,100	2,500
145	2,800	3,100	3,200		1,800	2,300	2,600	2,800		1,200	1,700	2,000
150	2,500	2,700	2,800		1,500	1,900	2,200	2,300			1,300	1,500
155	2,200	2,300			1,200	1,600	1,800	1,900			900	1,100
160	1,900	2,000			900	1,200	1,400					
165						900	1,100					

Min Angle	0.0	0.0	0.0	0.0	34.0	35.0	34.5	34.5	52.0	53.0	53.0	53.5
Max Rad.	162.2	161.5	158.1	152.4	160.8	165.8	169.2	168.1	141.9	149.4	155.6	158.1
Capacity	1,900	1,900	2,000	2,200	0	0	0	0	0	0	0	0

2111100

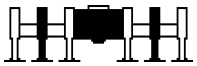
For sales use only

⚠ WARNING

Do Not Raise Boom Above 71° Boom Angle, Loss of Backward Stability Will Occur Causing a Tipping Condition.

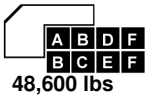
Not for crane operations

Rated Lifting Capacities In Pounds



Intermediate

58ft Offset Fly



48,600 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	38.3				50.0				74.3			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
30	11,600											
35	10,500				11,300							
40	9,500				10,300							
45	8,700	7,600			9,500				10,700			
50	8,100	7,100			8,800	7,600			10,100			
55	7,500	6,700	6,000		8,200	7,100			9,500			
60	6,900	6,300	5,700	5,200	7,700	6,700	5,900		8,900	7,400		
65	6,500	5,900	5,400	5,100	7,200	6,300	5,700	5,200	8,400	7,100		
70	6,000	5,600	5,200	4,900	6,700	6,000	5,500	5,100	8,000	6,800	5,900	
75	5,700	5,300	5,000	4,800	6,300	5,700	5,300	4,900	7,500	6,500	5,700	5,200
80	5,300	5,100	4,900	4,800	6,000	5,500	5,100	4,900	7,200	6,200	5,500	5,100
85	5,000	4,900	4,800		5,600	5,300	5,000	4,800	6,800	6,000	5,300	5,000
90					5,300	5,100	4,800		6,500	5,700	5,200	4,900
95					5,100	4,900	4,700		6,200	5,500	5,100	4,800
100					4,900	4,800			5,900	5,300	5,000	4,800
105									5,600	5,200	4,900	4,800
110									5,400	5,000	4,800	
115									5,200	4,900	4,700	
120									5,000	4,800		
125									4,800			

Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	89.4	89.2	87.3	84.0	101.0	100.7	98.5	94.5	125.4	124.8	122.0	117.1
Capacity	4,800	4,900	4,800	4,800	4,800	4,800	4,700	4,800	4,800	4,800	4,700	4,800

2111110

⚠ WARNING

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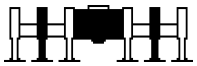
For sales use only

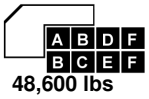
Not for crane operations

Rated Lifting Capacities In Pounds



Intermediate

58ft Offset Fly



48,600 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	99.5				125.5				152.4			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
55	10,200											
60	9,800											
65	9,300											
70	8,900	7,300			9,400							
75	8,500	7,000			9,100							
80	8,100	6,800	5,800		8,800	7,200			8,900			
85	7,800	6,500	5,700	5,100	8,500	7,000			7,800			
90	7,500	6,300	5,500	5,000	8,100	6,800	5,800		6,700			
95	7,100	6,100	5,400	5,000	7,200	6,600	5,700		5,800	6,900		
100	6,900	5,900	5,300	4,900	6,300	6,400	5,600	5,000	5,000	6,100		
105	6,600	5,700	5,200	4,900	5,600	6,200	5,400	5,000	4,300	5,300	5,700	
110	6,000	5,600	5,100	4,800	4,900	5,700	5,300	4,900	3,600	4,600	5,400	
115	5,400	5,400	5,000	4,800	4,300	5,000	5,200	4,900	3,000	3,900	4,700	5,000
120	4,800	5,300	4,900	4,700	3,800	4,400	5,000	4,800	2,500	3,300	4,000	4,500
125	4,300	4,700	4,800	4,700	3,300	3,900	4,400	4,700	2,000	2,800	3,400	3,900
130	3,900	4,200	4,500		2,900	3,400	3,800	4,100	1,600	2,300	2,900	3,300
135	3,500	3,700	3,900		2,400	2,900	3,300	3,500	1,100	1,800	2,300	2,700
140	3,100	3,300	3,400		2,000	2,500	2,800	3,000		1,400	1,900	2,200
145	2,700	2,900			1,700	2,100	2,400	2,500		1,000	1,400	1,700
150	2,400				1,400	1,700	1,900				1,000	1,300
155					1,100	1,400	1,500					
160						1,000	1,200					

Min Angle	0.0	0.0	0.0	0.0	28.0	29.5	29.0	28.0	49.5	50.0	51.0	51.0
Max Rad.	150.5	149.8	146.7	141.1	159.2	162.5	164.4	162.1	139.2	146.9	151.9	154.5
Capacity	2,400	2,500	2,600	2,900	0	0	0	0	0	0	0	0

2111110

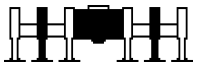
For sales use only

⚠ WARNING

Do Not Raise Boom Above 71° Boom Angle, Loss of Backward Stability Will Occur Causing a Tipping Condition.

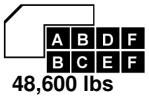
Not for crane operations

Rated Lifting Capacities In Pounds



Intermediate

58ft Offset Fly



48,600 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	38.3				50.0				62.1			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
30	11,600											
35	10,500				11,300							
40	9,500				10,300				11,000			
45	8,700	7,600			9,500				10,200			
50	8,100	7,100			8,800	7,600			9,500			
55	7,500	6,700	6,000		8,200	7,100			8,900	7,500		
60	6,900	6,300	5,700	5,200	7,700	6,700	5,900		8,400	7,100		
65	6,500	5,900	5,400	5,100	7,200	6,300	5,700	5,200	7,900	6,700	5,900	
70	6,000	5,600	5,200	4,900	6,700	6,000	5,500	5,100	7,400	6,400	5,700	5,200
75	5,700	5,300	5,000	4,800	6,300	5,700	5,300	4,900	7,000	6,100	5,500	5,100
80	5,300	5,100	4,900	4,800	6,000	5,500	5,100	4,900	6,600	5,900	5,300	5,000
85	5,000	4,900	4,800		5,600	5,300	5,000	4,800	6,200	5,600	5,200	4,900
90					5,300	5,100	4,800		5,900	5,400	5,000	4,800
95					5,100	4,900	4,700		5,600	5,200	4,900	4,800
100					4,900	4,800			5,400	5,100	4,800	
105									5,100	4,900	4,700	
110									4,900	4,800		

Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	89.4	89.2	87.3	84.0	101.0	100.7	98.5	94.5	113.2	112.7	110.2	105.7
Capacity	4,800	4,900	4,800	4,800	4,800	4,800	4,700	4,800	4,800	4,800	4,700	4,800

2111120

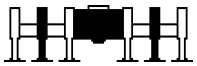
⚠ WARNING

Do Not Raise Boom Above 71° Boom Angle, Loss of Backward Stability Will Occur Causing a Tipping Condition.

For Sales Use Only

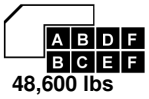
Not for crane operations

Rated Lifting Capacities In Pounds



Intermediate

58ft Offset Fly



48,600 lbs

Radius (ft)	Boom Length (ft)											
	Fly Offset											
	87.3				113.4				140.3			
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
50	10,600											
55	10,100											
60	9,500				10,200							
65	9,000	7,400			9,800							
70	8,600	7,100			9,400							
75	8,100	6,800	5,900		9,000	7,300			9,500			
80	7,700	6,500	5,700	5,100	8,600	7,100			8,800			
85	7,400	6,300	5,500	5,000	8,300	6,800	5,800		7,700			
90	7,000	6,100	5,400	5,000	8,000	6,600	5,700	5,100	6,600	7,000		
95	6,700	5,900	5,300	4,900	7,100	6,400	5,600	5,000	5,700	6,800		
100	6,400	5,700	5,100	4,800	6,300	6,200	5,400	5,000	4,900	6,000	5,700	
105	6,200	5,500	5,000	4,800	5,600	6,000	5,300	4,900	4,200	5,200	5,600	5,000
110	5,900	5,300	4,900	4,800	4,900	5,600	5,200	4,900	3,500	4,500	5,300	5,000
115	5,400	5,200	4,900	4,700	4,300	5,000	5,100	4,800	2,900	3,800	4,500	4,900
120	4,900	5,100	4,800		3,800	4,400	4,900	4,800	2,400	3,200	3,900	4,400
125	4,400	4,700	4,700		3,300	3,800	4,300	4,500	1,900	2,600	3,300	3,700
130	3,900	4,200			2,800	3,300	3,700	3,900	1,500	2,100	2,700	3,100
135	3,500	3,700			2,400	2,800	3,200	3,300	1,000	1,700	2,200	2,500
140					2,000	2,400	2,700			1,200	1,700	2,000
145					1,700	2,000	2,200				1,300	1,500
150					1,300	1,600	1,800					1,000
155					1,000	1,200						

Min Angle	0.0	0.0	0.0	0.0	17.0	19.0	20.5	4.0	46.5	47.5	47.5	47.5
Max Rad.	138.4	137.7	134.8	129.5	158.8	160.0	157.7	149.1	137.5	144.4	149.5	151.9
Capacity	3,300	3,400	3,600	3,900	0	0	0	0	0	0	0	0

2111120

For sales use only

⚠ WARNING

Do Not Raise Boom Above 71° Boom Angle, Loss of Backward Stability Will Occur Causing a Tipping Condition.

Not for crane operations

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For sales use only

Not for crane operations

Rated Lifting Capacities In Pounds

Retracted

0 lbs

Radius (ft)	Boom Length (ft) 38.3 360°	50.0 360°	61.7 360°
10	42,000	47,200	50,200
12	28,600	33,000	35,700
15	17,100	21,400	23,800
20	7,400	11,400	13,800
25	2,300	6,000	8,300
30		2,700	4,900
35			2,500

Min Angle	34.0	39.0	43.0
Max Rad.	26.2	33.6	40.0
Capacity	0	0	0

3010010

Rated Lifting Capacities In Pounds

Retracted

4,000 lbs

Radius (ft)	Boom Length (ft) 38.3 360°	50.0 360°	61.7 360°	75.0 360°
10	50,300	55,400	58,400	
12	34,800	39,300	42,000	43,400
15	21,700	26,000	28,400	29,500
20	10,600	14,600	16,900	17,900
25	4,700	8,500	10,700	11,800
30		4,700	6,800	7,900
35		2,100	4,200	5,300
40			2,300	3,300
45				1,900

Min Angle	20.5	28.0	35.5	43.5
Max Rad.	29.9	38.3	45.0	49.6
Capacity	0	0	0	0

3020010

For sale only

Not for crane operations

Rated Lifting Capacities In Pounds

Retracted

8,000 lbs

Radius (ft)	Boom Length (ft) 38.3 360°	50.0 360°	61.7 360°	75.0 360°	86.0 360°
10	58,600	63,700			
12	41,100	45,600	48,200		
15	26,300	30,600	32,900	34,000	
20	13,800	17,700	20,000	21,000	21,600
25	7,100	10,900	13,100	14,200	14,800
30	2,900	6,600	8,800	9,900	10,500
35		3,700	5,800	6,900	7,500
40			3,700	4,700	5,400
45			2,000	3,100	3,700
50				1,800	2,400
55					1,400

Min Angle	0.0	23.5	25.5	36.5	42.5
Max Rad.	31.3	40.0	50.0	55.0	58.3
Capacity	1,900	0	0	0	0

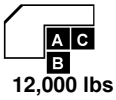
3030010

⚠ WARNING

Do Not Raise Boom Above 77° Boom Angle, Loss of Backward Stability Will Occur Causing a Tipping Condition.

Rated Lifting Capacities In Pounds

Retracted



12,000 lbs

Radius (ft)	Boom Length (ft) 38.3 360°	50.0 360°	61.7 360°	75.0 360°	86.0 360°	100.0 360°
10	66,900	72,000				
12	47,400	51,800				
15	30,900	35,100	37,500			
20	16,900	20,900	23,200	24,200	24,800	
25	9,500	13,300	15,600	16,600	17,100	17,100
30	4,800	8,600	10,700	11,900	12,500	12,500
35		5,300	7,500	8,500	9,200	9,300
40		3,000	5,100	6,100	6,800	6,900
45			3,300	4,300	4,900	5,100
50			1,900	2,900	3,500	3,600
55				1,800	2,400	2,500
60					1,400	1,500

Min Angle	0.0	0.0	0.0	29.0	37.0	46.5
Max Rad.	31.3	43.0	54.7	60.0	63.8	64.4
Capacity	3,700	1,800	800	0	0	0

3040010

⚠ WARNING

Do Not Raise Boom Above 75° Boom Angle, Loss of Backward Stability Will Occur Causing a Tipping Condition.

For sales use only

Not for crane operations

Rated Lifting Capacities In Pounds

Retracted

A B B C
16,000 lbs

360°

Radius (ft)	Boom Length (ft) 38.3 360°	50.0 360°	61.7 360°	75.0 360°	86.0 360°	100.0 360°
12	53,600					
15	35,400	39,700				
20	20,000	24,000	26,400			
25	11,900	15,700	17,900	19,000		
30	6,800	10,500	12,700	13,800	14,400	
35		7,000	9,100	10,200	10,800	10,900
40		4,400	6,500	7,600	8,200	8,300
45			4,500	5,600	6,200	6,300
50			3,000	4,000	4,600	4,700
55				2,800	3,400	3,500
60				1,700	2,300	2,400
65					1,500	1,600
70						900

Min Angle	0.0	0.0	0.0	19.0	30.0	41.5
Max Rad.	31.3	43.0	54.7	65.0	69.4	70.7
Capacity	5,600	3,100	1,800	0	0	0

3050010

⚠ WARNING

Do Not Raise Boom Above 68° Boom Angle, Loss of Backward Stability Will Occur Causing a Tipping Condition.

For sales use only

Not for crane operations

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For sales use only

Not for crane operations

Rated Lifting Capacities In Pounds

On Tires - Stationary
Boom Centered Over Rear

0 lbs

0°

Radius (ft)	Boom Length (ft) 38.3 Rear	50.0 Rear	61.7 Rear	75.0 Rear	86.0 Rear
10	29,900				
12	26,700	24,500			
15	22,700	24,500	18,400		
20	13,300	16,500	18,400	13,600	
25	7,700	10,800	12,600	13,600	10,300
30	4,000	7,100	8,900	9,800	10,300
35		4,500	6,200	7,100	7,700
40		2,600	4,300	5,200	5,700
45			2,800	3,700	4,200
50				2,500	3,000
55				1,600	2,100
60					1,300

Min Angle	0.0	0.0	25.5	32.5	39.0
Max Rad.	31.3	43.0	50.0	57.8	61.6
Capacity	3,100	1,600	0	0	0

4010130

Rated Lifting Capacities In Pounds

On Tires - Pick And Carry - 1 mph
Boom Centered Over Rear

0 lbs

0°

Radius (ft)	Boom Length (ft) 38.3 Rear	50.0 Rear	61.7 Rear	75.0 Rear	86.0 Rear
10	17,200				
12	15,000	16,600			
15	12,000	13,900	15,000		
20	8,200	10,300	11,500	12,100	
25	5,200	7,500	8,800	9,500	9,900
30	2,800	5,300	6,700	7,400	7,800
35		3,500	5,000	5,700	6,200
40		2,000	3,600	4,400	4,800
45			2,400	3,200	3,700
50				2,200	2,700
55				1,400	1,800
60					1,100

Min Angle	0.0	0.0	25.5	32.5	39.0
Max Rad.	31.3	43.0	50.0	57.8	61.6
Capacity	2,200	1,200	0	0	0

5010140

For sales use only

Not for crane operations

Rated Lifting Capacities In Pounds

On Tires - Stationary
Boom Centered Over Rear

4,000 lbs

0°

Radius (ft)	Boom Length (ft) 38.3 Rear	50.0 Rear	61.7 Rear	75.0 Rear	86.0 Rear
10	29,200				
12	26,100	27,800			
15	22,100	24,000	20,200		
20	15,700	18,900	20,200	15,500	
25	9,600	12,700	14,500	15,500	11,900
30	5,500	8,600	10,400	11,300	11,900
35		5,800	7,600	8,500	9,000
40		3,700	5,500	6,300	6,900
45			3,800	4,700	5,200
50			2,600	3,400	3,900
55				2,400	2,900
60				1,600	2,000
65					1,300

Min Angle	0.0	0.0	0.0	22.5	32.5
Max Rad.	31.3	43.0	54.7	63.1	67.4
Capacity	4,600	2,700	1,600	0	0

4020150

Rated Lifting Capacities In Pounds

On Tires - Pick And Carry - 1 mph
Boom Centered Over Rear

4,000 lbs

0°

Radius (ft)	Boom Length (ft) 38.3 Rear	50.0 Rear	61.7 Rear	75.0 Rear	86.0 Rear
10	16,500				
12	14,300	16,000			
15	11,400	13,300	14,400		
20	7,700	9,800	11,000	11,600	
25	4,800	7,000	8,400	9,100	9,500
30	2,500	4,900	6,300	7,000	7,400
35		3,100	4,600	5,400	5,800
40		1,700	3,200	4,000	4,500
45			2,100	2,900	3,400
50				1,900	2,400
55				1,100	1,600

Min Angle	0.0	0.0	25.5	34.0	41.0
Max Rad.	31.3	43.0	50.0	56.8	60.0
Capacity	1,800	900	0	0	0

5020160

For sale use only

Not for crane operations

Rated Lifting Capacities In Pounds

On Tires - Stationary
Boom Centered Over Rear

A
B
8,000 lbs

0°

Radius (ft)	Boom Length (ft) 38.3 Rear	50.0 Rear	61.7 Rear	75.0 Rear	86.0 Rear
10	28,500				
12	25,400	27,100			
15	21,500	23,400	19,700		
20	16,400	18,400	19,700	16,700	
25	11,400	14,600	16,000	16,700	13,400
30	7,100	10,200	12,000	12,900	13,400
35		7,100	8,900	9,800	10,300
40		4,800	6,600	7,500	8,000
45			4,800	5,700	6,200
50			3,500	4,300	4,800
55				3,200	3,700
60				2,300	2,800
65				1,500	2,000
70					1,300

Min Angle	0.0	0.0	0.0	0.0	23.5
Max Rad.	31.3	43.0	54.7	68.0	73.0
Capacity	6,100	3,700	2,400	1,100	0

4030170

Rated Lifting Capacities In Pounds

On Tires - Pick And Carry - 1 mph
Boom Centered Over Rear

A
B
8,000 lbs

0°

Radius (ft)	Boom Length (ft) 38.3 Rear	50.0 Rear	61.7 Rear	75.0 Rear	86.0 Rear
10	15,800				
12	13,700	15,300			
15	10,900	12,700	13,800		
20	7,200	9,300	10,500	11,100	
25	4,300	6,600	7,900	8,600	9,000
30	2,100	4,500	5,900	6,600	7,100
35		2,800	4,300	5,000	5,500
40			2,900	3,700	4,200
45			1,800	2,600	3,100
50				1,700	2,100
55					1,300

Min Angle	0.0	23.5	26.0	37.0	43.0
Max Rad.	31.3	40.0	49.8	54.7	58.2
Capacity	1,400	0	0	0	0

5030180

For sale use only

Not for crane operations

Rated Lifting Capacities In Pounds

On Tires - Stationary
Boom Centered Over Rear

12,000 lbs

0°

Radius (ft)	Boom Length (ft) 38.3 Rear	50.0 Rear	61.7 Rear	75.0 Rear	86.0 Rear
10	27,800				
12	24,800	26,400			
15	21,000	22,800	23,800		
20	15,900	17,900	19,200	16,200	
25	12,000	14,300	15,600	16,200	13,900
30	8,600	11,400	12,800	13,500	13,900
35		8,400	10,200	11,100	11,600
40		6,000	7,700	8,600	9,100
45			5,900	6,700	7,200
50			4,400	5,200	5,700
55				4,000	4,500
60				3,000	3,500
65				2,200	2,700
70					2,000
75					1,400

Min Angle	0.0	0.0	0.0	0.0	0.0
Max Rad.	31.3	43.0	54.7	68.0	79.0
Capacity	7,500	4,800	3,200	1,800	900

4040190

Rated Lifting Capacities In Pounds

On Tires - Pick And Carry - 1 mph
Boom Centered Over Rear

12,000 lbs

0°

Radius (ft)	Boom Length (ft) 38.3 Rear	50.0 Rear	61.7 Rear	75.0 Rear	86.0 Rear
10	15,600				
12	12,900	15,600			
15	10,300	12,100	12,900		
20	6,700	8,800	10,000	10,600	
25	3,900	6,200	7,500	8,200	8,600
30	1,700	4,100	5,500	6,200	6,700
35		2,400	3,900	4,700	5,100
40			2,600	3,400	3,800
45			1,500	2,300	2,800
50				1,400	1,900
55					1,100

Min Angle	0.0	23.5	28.5	38.5	44.0
Max Rad.	31.3	40.0	48.6	53.4	56.8
Capacity	1,100	0	0	0	0

5040200

For sales use only

Not for crane operations

Rated Lifting Capacities In Pounds

On Tires - Stationary
Boom Centered Over Rear

16,000 lbs

0°

Radius (ft)	Boom Length (ft) 38.3 Rear	50.0 Rear	61.7 Rear	75.0 Rear	86.0 Rear
10	27,000				
12	24,100	25,700			
15	20,400	22,200	23,200		
20	15,400	17,400	18,600	19,200	
25	11,600	13,900	15,200	15,900	13,500
30	8,500	11,000	12,400	13,100	13,500
35		8,600	10,100	10,900	11,300
40		6,700	8,300	9,000	9,500
45			6,700	7,500	8,000
50			5,300	6,100	6,600
55				4,900	5,300
60				3,800	4,300
65				2,900	3,400
70					2,600
75					2,000

Min Angle	0.0	0.0	0.0	0.0	0.0
Max Rad.	31.3	43.0	54.7	68.0	79.0
Capacity	7,700	5,700	4,000	2,400	1,500

4050210

Rated Lifting Capacities In Pounds

On Tires - Pick And Carry - 1 mph
Boom Centered Over Rear

16,000 lbs

0°

Radius (ft)	Boom Length (ft) 38.3 Rear	50.0 Rear	61.7 Rear	75.0 Rear	86.0 Rear
10	14,600				
12	12,500	14,300			
15	9,600	11,800	13,000		
20	6,200	8,200	9,300	10,100	
25	3,500	5,700	7,000	7,700	8,000
30		3,700	5,100	5,800	6,300
35		2,100	3,600	4,300	4,800
40			2,300	3,100	3,500
45			1,200	2,000	2,500
50				1,100	1,600

Min Angle	20.0	25.0	31.5	41.0	46.5
Max Rad.	30.0	39.5	46.9	51.6	54.7
Capacity	0	0	0	0	0

5050220

For sales use only

Not for crane operations

Rated Lifting Capacities In Pounds

On Tires - Stationary
Boom Centered Over Rear

20,000 lbs

0°

Radius (ft)	Boom Length (ft) 38.3 Rear	50.0 Rear	61.7 Rear	75.0 Rear	86.0 Rear
10	26,500				
12	23,400	24,500			
15	19,800	21,500	22,500		
20	14,900	16,900	18,100	18,700	
25	11,200	13,400	14,700	15,400	15,800
30	8,200	10,600	12,000	12,700	13,100
35		8,300	9,800	10,500	11,000
40		6,400	7,900	8,700	9,200
45			6,400	7,200	7,700
50			5,100	5,900	6,400
55				4,800	5,300
60				3,900	4,300
65				3,000	3,500
70					2,800
75					2,100

Min Angle	0.0	0.0	0.0	0.0	0.0
Max Rad.	31.3	43.0	54.7	68.0	79.0
Capacity	7,400	5,400	4,000	2,600	1,700

4060230

Rated Lifting Capacities In Pounds

On Tires - Pick And Carry - 1 mph
Boom Centered Over Rear

20,000 lbs

0°

Radius (ft)	Boom Length (ft) 38.3 Rear	50.0 Rear	61.7 Rear	75.0 Rear	86.0 Rear
10	13,900				
12	11,800	13,600			
15	9,200	11,100	12,300		
20	5,700	7,800	9,100	9,800	
25	3,000	5,300	6,800	7,500	7,900
30		3,300	4,700	5,400	5,700
35		1,700	3,200	4,000	4,400
40			2,000	2,700	3,200
45				1,700	2,200
50					1,300

Min Angle	20.0	28.0	35.5	43.5	47.5
Max Rad.	30.0	38.3	45.0	49.7	53.2
Capacity	0	0	0	0	0

5060240

For sales use only

Not for crane operations

Rated Lifting Capacities In Pounds

On Tires - Stationary
Boom Centered Over Rear

A B D
B C
24,000 lbs

0°

Radius (ft)	Boom Length (ft) 38.3 Rear	50.0 Rear	61.7 Rear	75.0 Rear	86.0 Rear
10	26,100				
12	23,400	25,300			
15	19,100	20,600	21,900		
20	14,400	16,400	17,600	18,100	
25	10,700	13,000	14,300	14,900	15,300
30	7,800	10,200	11,600	12,300	12,700
35		7,900	9,400	10,200	10,600
40		6,100	7,600	8,400	8,800
45			6,100	6,900	7,400
50			4,800	5,600	6,100
55				4,600	5,000
60				3,600	4,100
65				2,800	3,300
70					2,600
75					1,900

Min Angle	0.0	0.0	0.0	0.0	0.0
Max Rad.	31.3	43.0	54.7	68.0	79.0
Capacity	7,000	5,100	3,800	2,300	1,500

4070250

Rated Lifting Capacities In Pounds

On Tires - Pick And Carry - 1 mph
Boom Centered Over Rear

A B D
B C
24,000 lbs

0°

Radius (ft)	Boom Length (ft) 38.3 Rear	50.0 Rear	61.7 Rear	75.0 Rear	86.0 Rear
10	13,200				
12	11,200	12,900			
15	8,600	10,500	11,700		
20	5,200	7,300	8,600	9,200	
25	2,600	4,800	6,200	6,900	7,300
30		2,900	4,400	5,100	5,500
35		1,400	2,900	3,600	4,100
40			1,600	2,500	2,900
45				1,400	1,900
50					1,000

Min Angle	23.0	31.0	37.5	44.5	49.5
Max Rad.	29.2	37.1	43.8	48.4	51.1
Capacity	0	0	0	0	0

5070260

For sales use only

Not for crane operations

Rated Lifting Capacities In Pounds

On Tires - Stationary
Boom Centered Over Rear

A B E
B C
28,000 lbs

0°

Radius (ft)	Boom Length (ft) 38.3 Rear	50.0 Rear	61.7 Rear	75.0 Rear	86.0 Rear
10	25,300				
12	22,400	24,300			
15	18,700	20,900	22,100		
20	13,900	15,900	16,700	17,300	
25	10,300	12,500	13,800	14,400	14,700
30	7,400	9,800	11,200	11,900	12,300
35		7,600	9,100	9,800	10,200
40		5,700	7,300	8,100	8,500
45			5,800	6,600	7,100
50			4,500	5,400	5,800
55				4,300	4,800
60				3,400	3,900
65				2,600	3,100
70					2,300
75					1,700

Min Angle	0.0	0.0	0.0	0.0	0.0
Max Rad.	31.3	43.0	54.7	68.0	79.0
Capacity	6,600	4,800	3,500	2,100	1,300

4080270

Rated Lifting Capacities In Pounds

On Tires - Pick And Carry - 1 mph
Boom Centered Over Rear

A B E
B C
28,000 lbs

0°

Radius (ft)	Boom Length (ft) 38.3 Rear	50.0 Rear	61.7 Rear	75.0 Rear	86.0 Rear
10	12,500				
12	10,500	12,300			
15	8,000	9,900	11,100		
20	4,700	6,800	8,000	8,700	
25	2,100	4,400	5,700	6,500	6,900
30		2,500	3,900	4,700	5,100
35		1,000	2,500	3,300	3,700
40			1,300	2,100	2,600
45				1,100	1,600

Min Angle	26.5	34.5	39.5	47.0	51.0
Max Rad.	28.1	35.8	42.3	46.6	49.7
Capacity	0	0	0	0	0

5080280

For sales use only

Not for crane operations

Rated Lifting Capacities In Pounds

On Tires - Stationary
Boom Centered Over Rear

A C E
B D
32,000 lbs

0°

Radius (ft)	Boom Length (ft) 38.3 Rear	50.0 Rear	61.7 Rear	75.0 Rear	86.0 Rear
10	24,600				
12	21,700	23,500			
15	18,200	20,100	21,300		
20	13,400	15,900	17,000	17,800	
25	9,800	12,000	13,200	13,800	14,500
30	7,000	9,400	10,800	11,500	11,800
35		7,200	8,700	9,400	9,900
40		5,400	7,000	7,700	8,200
45			5,500	6,300	6,800
50			4,300	5,100	5,600
55				4,000	4,500
60				3,100	3,600
65				2,300	2,800
70					2,100
75					1,500

Min Angle	0.0	0.0	0.0	0.0	0.0
Max Rad.	31.3	43.0	54.7	68.0	79.0
Capacity	6,200	4,400	3,200	1,900	1,100

4090290

Rated Lifting Capacities In Pounds

On Tires - Pick And Carry - 1 mph
Boom Centered Over Rear

A C E
B D
32,000 lbs

0°

Radius (ft)	Boom Length (ft) 38.3 Rear	50.0 Rear	61.7 Rear	75.0 Rear	86.0 Rear
10	11,800				
12	9,900	11,600			
15	7,400	9,300	10,500		
20	4,200	6,300	7,500	8,200	
25	1,700	4,000	5,300	6,000	6,400
30		2,100	3,600	4,300	4,700
35			2,100	2,900	3,400
40			1,000	1,800	2,200
45					1,300

Min Angle	29.0	37.5	42.0	48.5	52.5
Max Rad.	27.5	34.5	40.8	44.8	47.8
Capacity	0	0	0	0	0

5090300

For sales use only

Not for crane operations

Rated Lifting Capacities In Pounds

On Tires - Stationary
Boom Centered Over Rear

A B D
B C E
36,000 lbs

0°

Radius (ft)	Boom Length (ft) 38.3 Rear	50.0 Rear	61.7 Rear	75.0 Rear	86.0 Rear
10	23,900				
12	21,100	22,900			
15	17,500	19,500	20,600		
20	13,000	15,100	16,300	17,000	
25	9,400	11,800	13,100	13,900	14,400
30	6,600	9,000	10,300	11,500	11,900
35		6,900	8,300	9,000	9,300
40		5,100	6,600	7,400	7,800
45			5,200	6,000	6,500
50			4,000	4,800	5,300
55				3,800	4,300
60				2,900	3,400
65				2,100	2,600
70					1,900
75					1,300

Min Angle	0.0	0.0	0.0	0.0	0.0
Max Rad.	31.3	43.0	54.7	68.0	79.0
Capacity	5,800	4,100	3,000	1,700	900

4100310

Rated Lifting Capacities In Pounds

On Tires - Pick And Carry - 1 mph
Boom Centered Over Rear

A B D
B C E
36,000 lbs

0°

Radius (ft)	Boom Length (ft) 38.3 Rear	50.0 Rear	61.7 Rear	75.0 Rear	86.0 Rear
10	11,200				
12	9,200	11,000			
15	6,800	8,700	9,900		
20	3,700	5,800	7,000	7,700	
25	1,300	3,500	4,900	5,600	6,000
30		1,700	3,200	3,900	4,300
35			1,800	2,600	3,000
40				1,400	1,900
45					1,000

Min Angle	32.0	40.0	44.0	50.5	54.0
Max Rad.	26.7	33.0	39.3	43.1	45.9
Capacity	0	0	0	0	0

5100320

For sales use only

Not for crane operations