

Link-Belt®

CONSTRUCTION EQUIPMENT

HC - 278H

CRANE RATING MANUAL

- 68" x 80" TUBULAR BOOM
- 30' OPEN THROAT PEAK SECTION
- 1.25" DIAMETER PENDANTS
- WITH LIVE MAST
- LBCE 288" TRUCK CARRIER

SERIAL NUMBER XXXX-XXXX

For Replacement, Order Part Number F6P0041.
(051500)

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WARNING

READ AND UNDERSTAND THE OPERATOR'S AND SAFETY MANUAL AND THE FOLLOWING INSTRUCTIONS AND CHART VALUES BEFORE OPERATING THE CRANE. OPERATION WHICH DOES NOT FOLLOW THESE INSTRUCTIONS MAY RESULT IN AN ACCIDENT.

OPERATING INSTRUCTIONS

GENERAL:

1. Rated lifting capacities as shown on lift chart 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 of 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 the manuals are missing, order replacements through the distributor.
3. The operator and other personnel associated with this crane shall fully acquaint themselves with the latest applicable American National Standards Institute (ANSI) safety standards for cranes.
4. All capacities listed in this book are in compliance with SAE J987—April 1994 (Crane Structures—Method Of Test) and SAE J765a – October 1990 (Crane Load Stability Test).

Lifting Crane Operation:

1. Capacities shown are not more than 85% of the tipping loads on outriggers and 75% of the tipping loads on tires with crane standing level on firm supporting surface. A deduction must be made from these capacities for weight of hook block, hook ball, sling, grapple, load weighing devices, etc. When using main hook while jib is attached, reduce capacities by values shown on chart "Capacity Deductions For Lifting Off Main Boom Hook With Jib Installed." See Operator's Manual for all limitations when raising or lowering attachment.
2. The crane capacities in the shaded areas are based on structural strength or hydraulic limitations. The crane capacities below the bold lines are based on stability ratings. Some capacities are limited by a maximum obtainable 82° boom angle.
3. For recommended reeving, parts of line, wire rope type and wire rope inspection, see Wire Rope Strength Chart, Parts Manual and Operator's Manual.
4. The maximum outrigger pontoon reaction seen under any condition listed in this crane rating manual is 285,000 lb (314 psi).
5. "On outrigger" capacities require that all four outrigger beams be fully extended, all five jacks be extended until all tires are clear of the ground and crane be properly leveled on a firm supporting surface.
6. The least stable rated condition is over the side.
7. "0+0" counterweight indicates no upper or bumper counterweight on the machine.
8. "A+0" counterweight indicates 30,000 lb "A" upper counterweight with no bumper counterweight.
9. "AB+0" counterweight indicates 55,200 lb "AB" upper counterweight with no bumper counterweight.
10. "ABCD+0" counterweight indicates 98,200 lb "ABCD" upper counterweight with no bumper counterweight.
11. "ABCD+A" counterweight indicates 98,200 lb "ABCD" upper counterweight and 11,400 lb "A" bumper counterweight.
12. "ABCD+AB" counterweight indicates 98,200 lb "ABCD" upper counterweight and 26,700 lb "AB" bumper counterweight.
13. Maximum boom length on outriggers without jib and with "0+0" counterweight is 210' and booms longer than 190' must be raised and lowered over the rear.
14. Maximum boom length on outriggers without jib and with "A+0" counterweight is 240' and booms longer than 230' must be raised and lowered over the rear.
15. Maximum boom length on outriggers without jib and with "AB+0" counterweight is 270' and booms longer than 250' must be raised and lowered over the rear.
16. Maximum boom length on outriggers without jib and with "ABCD+0" counterweight is 310' and booms longer than 300' must be raised and lowered over the rear.
17. Maximum boom length on outriggers without jib and with "ABCD+A" counterweight is 320' and booms longer than 300' must be raised and lowered over the rear.
18. Maximum boom length on outriggers without jib and with "ABCD+AB" counterweight is 330' and

booms longer than 310' must be raised and lowered over the rear.

19. For boom lengths exceeding 240' the midpoint suspension pendants are required.
20. Do not lift or suspend a load from the main boom and boom tip extension or jib at the same time.
21. Do not swing over side until all four outrigger beams are fully extended, all five jacks are extended until all tires are clear of the ground and crane is properly leveled on a firm supporting surface.

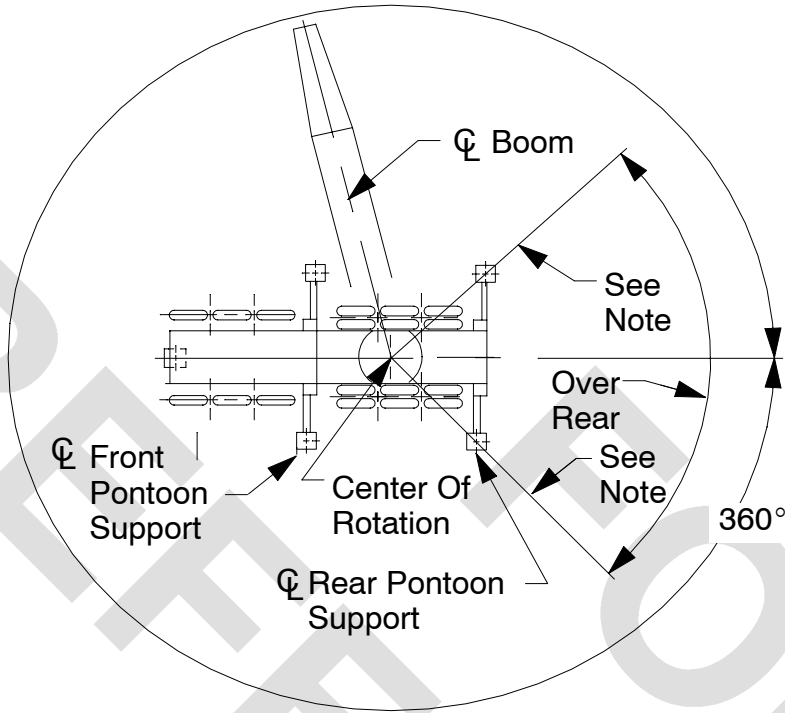
22. On tire capacities are restricted to a maximum travel speed of 1 mph. The boom must be centered straight over the rear with swing lock engaged and the load must be restrained from swinging.
23. Load ratings shown on chart are based on freely suspended loads and make no allowance for such factors as the effect of wind, ground conditions and operating speeds. Therefore the operator shall reduce load ratings in order to take these conditions into account.

REFERENCE ONLY

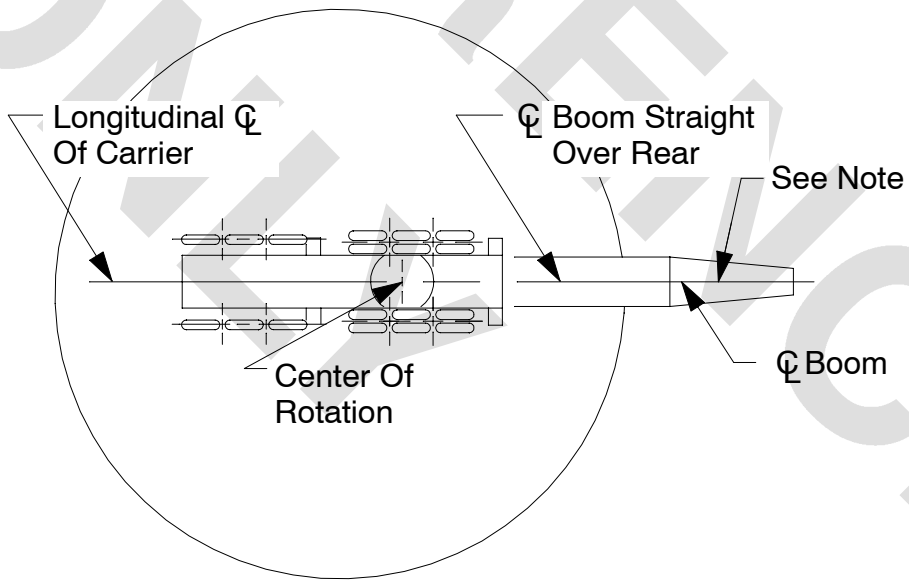
WIRE ROPE CAPACITY

Parts of Line	1"				1-1/8"					(28.5 mm)
	Type N	Type P	Type LB	Type RB	Type N	Type P	Type LB	Type RB	Type ZB	Type SB
1	29,500	16,800	32,500	22,700*	37,100	21,200	40,800	28,600*	35,300	52,400
2	59,000	33,600	65,000	45,400	74,200	42,400	81,600	57,200	70,600	104,800
3	88,500	50,400	97,500	68,100	111,300	63,600	122,400	85,800	105,900	157,200
4	118,000	67,200	130,000	90,800	148,400	84,800	163,200	114,400	141,200	209,600
5	147,500	84,000	162,500	113,500	185,500	106,000	204,000	143,000	176,500	262,000
6	177,000	100,800	195,000	136,200	222,600	127,200	244,800	171,600	211,800	314,400
7	206,500	117,600	227,500	158,900	259,700	148,400	285,600	200,200	247,100	366,800
8	236,000	134,400	260,000	181,600	296,800	169,600	326,400	228,800	282,400	419,200
9	265,500	151,200	292,500	204,300	333,900	190,800	367,200	257,400	317,700	471,600
10	295,000	168,000	325,000	227,000	371,000	212,000	408,000	286,000	353,000	524,000
11	324,500	184,800	357,500	249,700	408,100	233,200	448,800	314,600	388,300	576,400
12	354,000	201,600	390,000	272,400	445,200	254,400	489,600	343,200	423,600	628,800
13	383,500	218,400	422,500	295,100	482,300	275,600	530,400	371,800	458,900	681,200
14	413,000	235,200	455,000	317,800	519,400	296,800	571,200	400,400	494,200	733,600
LBCE Type	Description									
N	6 X 25 (6X19 Class) - Filler Wire - Extra Improved Plow Steel - Preformed - I.W.R.C. - Right Lay - Regular Lay									
P	19 X 7 Rotation Resistant - Extra Improved Plow Steel - Preformed - Wire Center Core									
LB	6 X 25 (6 X 19 Class - Filler Wire - Preformed - I.W.R.C. - Right Lay - Regular Lay - Compacted Strands									
RB	19 X 19 Rotation Resistant - Extra, Extra Improved Plow Steel - Preformed Right Lay - Regular Lay. Swaged									
SB	8 Strand Rope - Parallel Lay Construction - Compacted Strand - Right Lay - Regular Lay									
ZB	36 X 7 Non-Rotating - Extra Improved Plow Steel - Right Regular Lay									
* Use of swivel end with one part of line is not recommended.										
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. Study Operator's Manual for wire rope inspection procedures.										

WORKING AREAS



Carrier On Outriggers



Carrier On Tires

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

Working Areas Chart

ALLOWABLE COUNTERWEIGHTS

COUNTERWEIGHT COMBINATIONS ¹ UPPER + BUMPER	ALLOWABLE OPEN THROAT BOOM LENGTHS	
	W/O JIB	WITH JIB ³
0+0 On Outriggers	60 - 210	PROHIBITED
A+0 On Outriggers ²	60 - 240	
AB+0 On Outriggers ²	60 - 270	
ABCD+0 On Outriggers ²	60 - 310	60 - 270
ABCD+A On Outriggers ²	100 - 320	PROHIBITED
ABCD+AB On Outriggers ²	140 - 330	140 - 300

¹ Counterweight combinations are for a crane equipped with a 250 ton open throat boom. Counterweight combinations must be used only as shown on this chart, otherwise crane may overturn or other damage may occur.

"A" Upper Counterweight - 30,000 lb

"AB" Upper Counterweight - 55,200 lb

"ABC" Upper Counterweight - 76,700 lb

"ABCD" Upper Counterweight - 98,200 lb

"A" Bumper Counterweight - 11,400 lb

"AB" Bumper Counterweight - 26,700 lb

² Do not swing over the side until outrigger beams are fully extended and outrigger jacks properly set with upper counterweights, or crane may overturn.

³ Maximum jib length is 100 ft.

LIFTOFF CAPABILITIES ON OUTRIGGERS*				
Counterweight	Maximum Boom	Maximum Boom	Maximum Boom + Jib	
	Over Side	Over Rear	Over Side	Over Rear
upper+bumper	ft	ft	ft	ft
0+0	190	210	PROHIBITED	
A+0	230	240		
AB+0	250	270		
ABCD+0	300	310	260+100	270+100
ABCD+A	300	320	PROHIBITED	
ABCD+AB	310	330	270+100	300+100

- *NOTES:**
1. 95% of available crane stability.
 2. Machine on firm and level surface.

LIFTOFF CAPABILITIES ON TIRES OVER THE REAR*		
Counterweight	Boom	Boom + Jib
upper+bumper	ft	ft
0+0	110	PROHIBITED
A+0	150	
AB+0	180	
ABCD+0	210	170+100
ABCD+A	230	PROHIBITED
ABCD+AB	250	210+100

- *NOTES:**
1. 95% of available crane stability.
 2. Machine on firm and level surface.

LIVE MAST LIFTING CAPACITIES

MAST RADIUS	CAPACITY (NO COUNTERWEIGHT)	
	ON TIRES	ON OUTRIGGERS
12' - 17'	55,000 lb	76,500 lb
17' - 28'	30,000 lb	76,500 lb



CAUTION

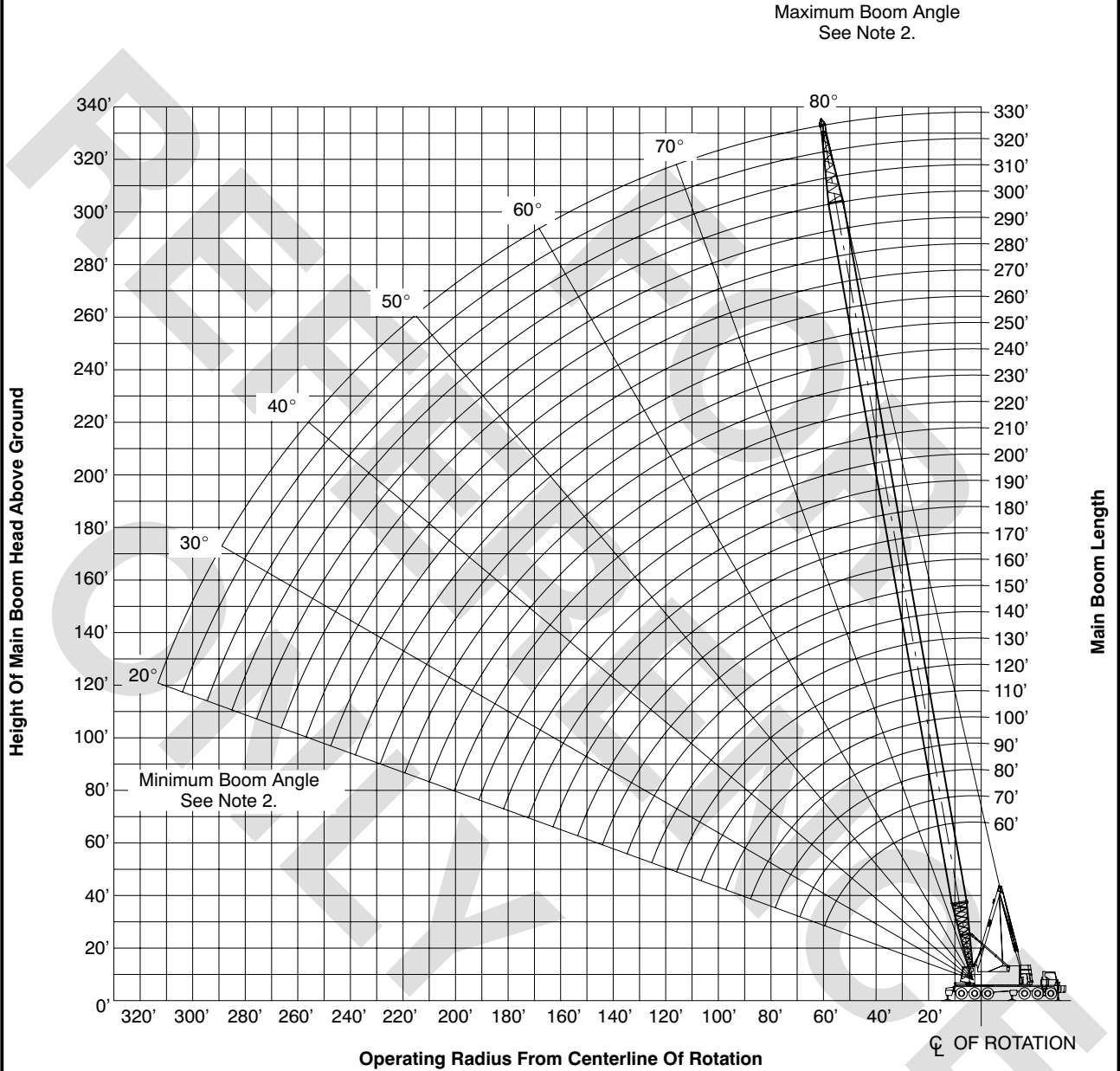
1. REFER TO OPERATOR'S MANUAL.
2. LIVE MAST BACKSTOPS MUST BE IN POSITION AND OPERATIVE.
3. USE REAR DRUM ONLY. REEVE HOIST LINE TO DRUM OVER MAST CROSS MEMBER.
4. REEVE HOIST ROPE WITH THREE (3) PARTS OF 1.00", 1-1/8" OR 28.5 mm DIAMETER WIRE ROPE.
5. 76,500 LB CAPACITY IS BASED ON STRENGTH OF MATERIAL.
6. REFER TO "CRANE ASSEMBLY COMPONENT WEIGHTS" FOR WEIGHTS OF COMPONENTS WHEN LIFTING FROM LIVE MAST.

CRANE ASSEMBLY COMPONENT WEIGHTS

COMPONENT	WEIGHT
	POUNDS
1. 30 ft Base Section	4,124
2. 10 ft Boom Extension With Lifting Sheaves	2,600
3. Boom Extensions	78 lb/ft
4. 30 ft Top Section With 6 Sheave Head Machinery	5,150
5. Front Outrigger Assembly	12,760
6. Rear Outrigger Assembly	12,760
7. Upper Counterweights	
● Counterweight "A"	30,000
● Counterweight "B"	25,200
● Counterweight "C"	21,500
● Counterweight "D"	21,500
● Counterweight "AB"	55,200
● Counterweight "ABC"	76,700
● Counterweight "ABCD"	98,200
8. Bumper Counterweights	
● Counterweight "A"	11,400
● Counterweight "B"	15,300
● Counterweight "AB"	26,700

WORKING RANGE DIAGRAM

(60' TO 330') MAIN BOOM ON OUTRIGGERS



Notes:

1. Boom geometry shown is 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.
2. Maximum and minimum boom angles are equal to the values listed in the capacity chart for each boom length.

Working Range Diagram

CAPACITY DEDUCTIONS FOR LIFTING OFF MAIN BOOM HOOK WITH JIB INSTALLED

When using main boom hook while jib is attached, reduce boom capacities by the values in the following chart:

Jib Length	Capacity Deduction
30'	2,600
50'	3,400
70'	4,200
90'	5,000
100'	5,800

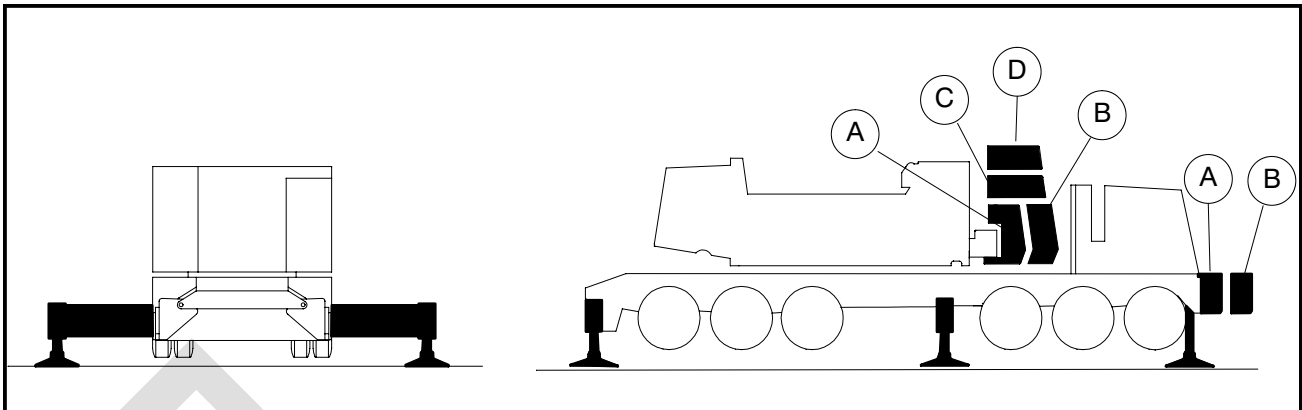
10 FT EXTENSION LIFTING CAPACITIES - 360°

Load Radius (ft)	Boom Angle (deg)	On Tires Without Ctwt (lb)	On Outriggers With/Without Ctwt (lb)	Load Radius (ft)
10.31	82.0	55,000	76,500	10.31
11	80.9	55,000	76,500	11
12	79.3	55,000	76,500	12
13	77.6	55,000	76,500	13
14	75.9	55,000	76,500	14
15	74.3	55,000	76,500	15
16	72.6	52,400	76,500	16
17	70.9	49,600	76,500	17
18	69.1	47,000	76,500	18
19	67.4	44,700	76,500	19
20	65.6	42,500	76,500	20
21	63.8	40,500	76,500	21
22	61.9	38,600	76,500	22
23	60.1	36,200	76,500	23
24	58.1	34,000	76,500	24
25	56.2	32,000	76,500	25
26	54.1	30,100	76,500	26
27	52.1	28,500	76,500	27
28	49.9	27,000	76,500	28
29	47.7	25,600	76,500	29
30	45.4	24,300	76,500	30
31	42.9	23,100	76,500	31
32	40.3	21,900	76,500	32
33	37.6	20,900	76,500	33
34	34.7	19,900	75,000	34
35	31.5	19,000	70,800	35
36	27.9	18,100	66,900	36



CAUTION

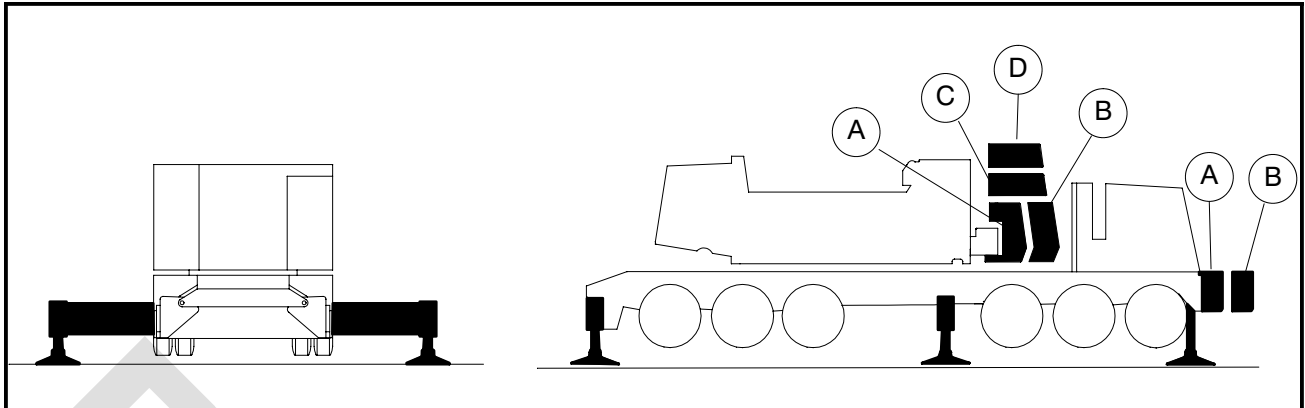
1. REFER TO OPERATOR'S MANUAL.
2. USE FRONT DRUM ONLY. REEVE HOIST LINE UNDER MAST CROSS MEMBER.
3. REEVE HOIST ROPE WITH THREE (3) PARTS OF 1.125" OR 1.00 DIAMETER WIRE ROPE. SEE OPERATORS MANUAL FOR CORRECT PROCEDURE.
4. DO NOT SWING UPPER WHEN CRANE IS ON TIRES AND UPPER EQUIPPED WITH "A", "AB", "ABC", OR "ABCD" COUNTERWEIGHTS.
5. REFER TO "CRANE ASSEMBLY COMPONENT WEIGHTS" FOR WEIGHTS OF COMPONENTS WHEN LIFTING WITH THE 10 FT. EXTENSION.



Main Boom Capacities - On Outriggers - 60 Ft Open Throat Tube Boom

Load Radius (ft)	Boom Angle (deg)	Counterweight Combinations - Upper + Bumper						Load Radius (ft)
		Over Rear						
		0+0	A+0	AB+0	ABCD+0	ABCD+A	ABCD+AB	
12	81.5	384,100	424,100	441,600	500,000	PROHIBITED	12	
13	80.6	354,900	391,900	421,200	437,200		13	
14	79.6	329,700	364,200	395,800	417,900		14	
15	78.6	307,700	339,900	369,600	400,300		15	
16	77.6	288,500	318,700	346,500	383,900		16	
17	76.7	271,300	299,800	326,200	367,900		17	
18	75.7	256,200	283,100	307,900	347,300		18	
19	74.7	242,400	268,000	291,700	329,100		19	
20	73.7	230,100	254,600	276,900	312,500		20	
25	68.7	183,100	202,700	220,700	249,300		25	
30	63.4	130,100	167,900	183,000	206,800		30	
35	58.0	99,900	132,400	155,800	176,400		35	
40	52.1	80,500	107,300	130,800	153,400		40	
50	38.7	57,200	76,700	94,200	121,200		50	
60	18.7	43,500	59,000	72,800	93,100		60	

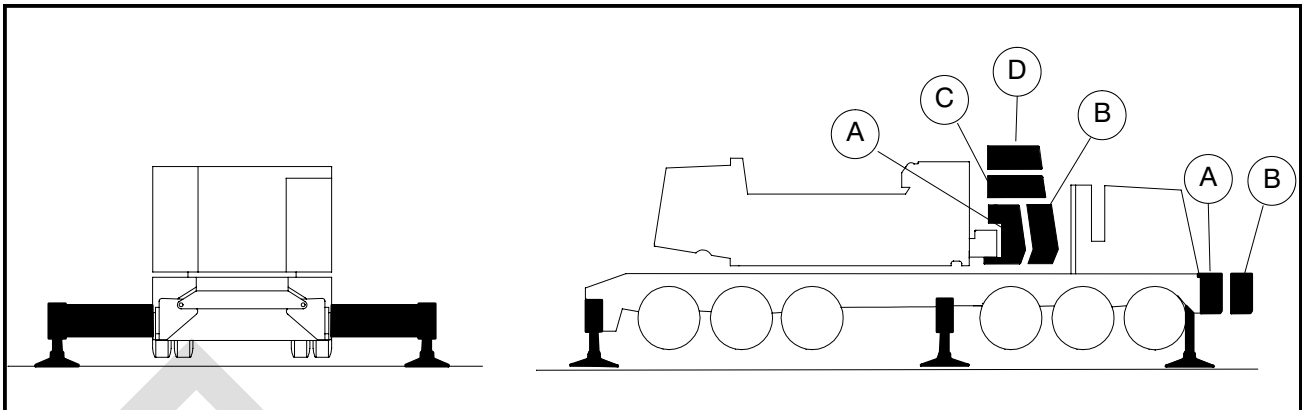
Note: Refer To Page 12 For "Capacity Deductions" Caused By Any Jib Attachment.



Main Boom Capacities - On Outriggers - 60 Ft Open Throat Tube Boom

Load Radius (ft)	Boom Angle (deg)	Counterweight Combinations - Upper + Bumper					Load Radius (ft)
		360° Rotation					
		0+0	A+0	AB+0	ABCD+0	ABCD+A	
12	81.5	384,100	400,300	411,600	445,100	PROHIBITED	12
13	80.6	354,900	381,700	392,600	437,200		13
14	79.6	329,700	364,200	375,100	417,900		14
15	78.6	307,700	339,900	359,300	400,300		15
16	77.6	288,500	318,700	344,600	383,900		16
17	76.7	271,300	299,800	326,200	367,900		17
18	75.7	256,200	283,100	307,900	347,300		18
19	74.7	242,500	268,000	291,700	329,100		19
20	73.7	230,100	254,600	276,900	312,500		20
25	68.7	153,900	202,700	220,700	249,300		25
30	63.4	108,600	150,200	183,000	206,800		30
35	58.0	83,000	115,600	144,500	176,400		35
40	52.1	66,800	93,400	117,000	153,400		40
50	38.7	47,000	66,700	84,000	112,500		50
60	18.7	35,500	51,000	64,800	87,300		60

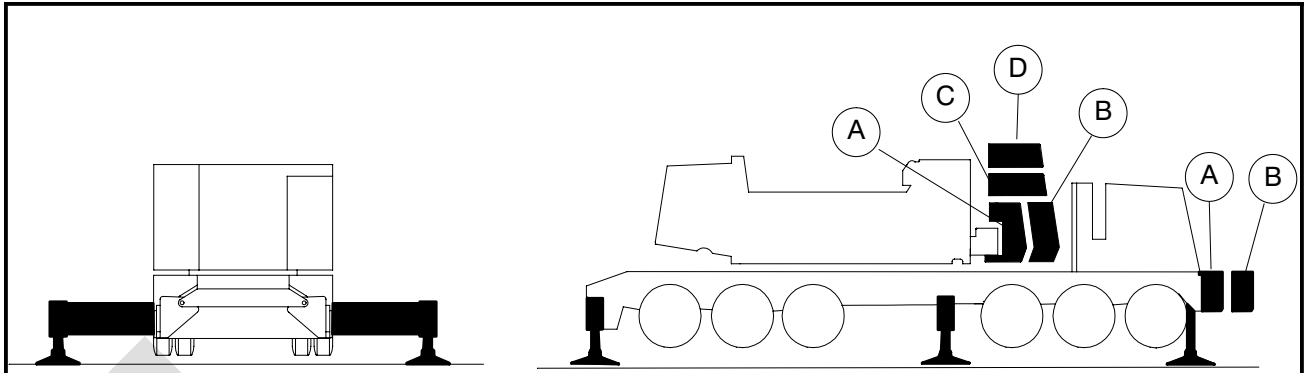
Note: Refer To Page 12 For "Capacity Deductions" Caused By Any Jib Attachment.



Main Boom Capacities - On Outriggers - 70 Ft Open Throat Tube Boom

Load Radius (ft)	Boom Angle (deg)	Counterweight Combinations - Upper + Bumper					Load Radius (ft)
		Over Rear					
		0+0	A+0	AB+0	ABCD+0	ABCD+A	
12.91	82.0	356,700	366,400	366,400	366,400	PROHIBITED	12.91
13	81.9	354,200	366,400	366,400	366,400		13
14	81.1	329,100	358,400	358,400	358,400		14
15	80.3	307,200	339,300	351,700	351,700		15
16	79.4	288,000	318,200	344,000	344,000		16
17	78.6	270,900	299,500	325,600	337,500		17
18	77.8	255,800	282,700	307,400	329,100		18
19	76.9	242,100	267,700	291,300	322,900		19
20	76.1	229,800	254,200	276,500	312,000		20
25	71.8	183,000	202,400	220,500	249,000		25
30	67.5	130,600	167,700	182,800	206,600		30
35	63.0	100,300	132,800	155,600	176,200		35
40	58.3	80,800	107,600	131,100	153,200		40
50	48.0	57,400	77,000	94,400	120,900		50
60	35.7	43,700	59,300	73,100	95,500	60	
70	17.3	34,800	47,600	59,000	77,500	70	

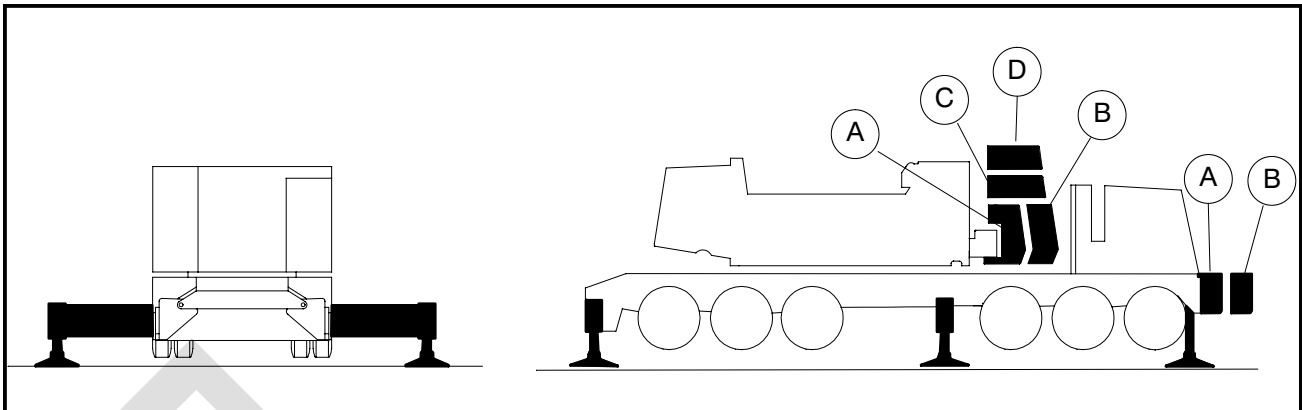
Note: Refer To Page 12 For "Capacity Deductions" Caused By Any Jib Attachment.



Main Boom Capacities - On Outriggers - 70 Ft Open Throat Tube Boom

Load Radius (ft)	Boom Angle (deg)	Counterweight Combinations - Upper + Bumper					Load Radius (ft)
		360° Rotation					
		0+0	A+0	AB+0	ABCD+0	ABCD+A	
12.91	82.0	356,700	366,400	366,400	366,400	PROHIBITED	12.91
13	81.9	354,200	366,400	366,400	366,400		13
14	81.1	329,100	358,400	358,400	358,400		14
15	80.3	307,200	339,300	351,700	351,700		15
16	79.4	288,000	318,200	343,800	344,000		16
17	78.6	270,900	299,500	325,600	337,500		17
18	77.8	255,800	282,700	307,400	329,100		18
19	76.9	242,200	267,700	291,300	322,900		19
20	76.1	229,800	254,200	276,500	312,000		20
25	71.8	154,600	202,400	220,500	249,000		25
30	67.5	109,100	150,600	182,800	206,600		30
35	63.0	83,400	115,900	144,800	176,200		35
40	58.3	67,100	93,700	117,300	153,200		40
50	48.0	47,300	66,900	84,200	112,600		50
60	35.7	35,800	51,200	65,000	87,500	60	
70	17.3	28,100	40,900	52,300	71,000	70	

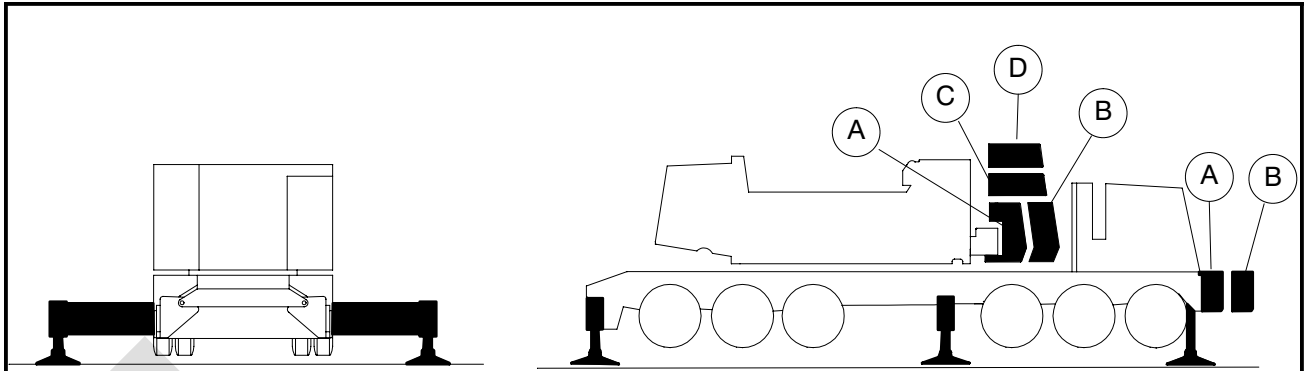
Note: Refer To Page 12 For "Capacity Deductions" Caused By Any Jib Attachment.



Main Boom Capacities - On Outriggers - 80 Ft Open Throat Tube Boom

Load Radius (ft)	Boom Angle (deg)	Counterweight Combinations - Upper + Bumper						Load Radius (ft)
		Over Rear						
		0+0	A+0	AB+0	ABCD+0	ABCD+A	ABCD+AB	
14.3	82.0	321,400	331,700	331,700	331,700	PROHIBITED	14.3	
15	81.5	306,400	327,600	327,600	327,600		15	
16	80.8	287,400	317,500	321,400	321,400		16	
17	80.0	270,300	298,900	314,400	314,400		17	
18	79.3	255,300	282,200	306,800	308,500		18	
19	78.6	241,700	267,100	290,700	302,700		19	
20	77.9	229,400	253,800	276,000	295,100		20	
25	74.2	182,600	202,100	220,100	248,500		25	
30	70.4	130,900	167,400	182,500	206,200		30	
35	66.6	100,500	133,000	155,300	175,900		35	
40	62.6	80,900	107,700	131,200	152,400		40	
50	54.2	57,500	77,000	94,400	117,400		50	
60	44.7	43,800	59,300	73,100	94,500		60	
70	33.3	34,900	47,600	59,000	77,300		70	
80	16.2	28,500	39,400	49,100	63,900		80	

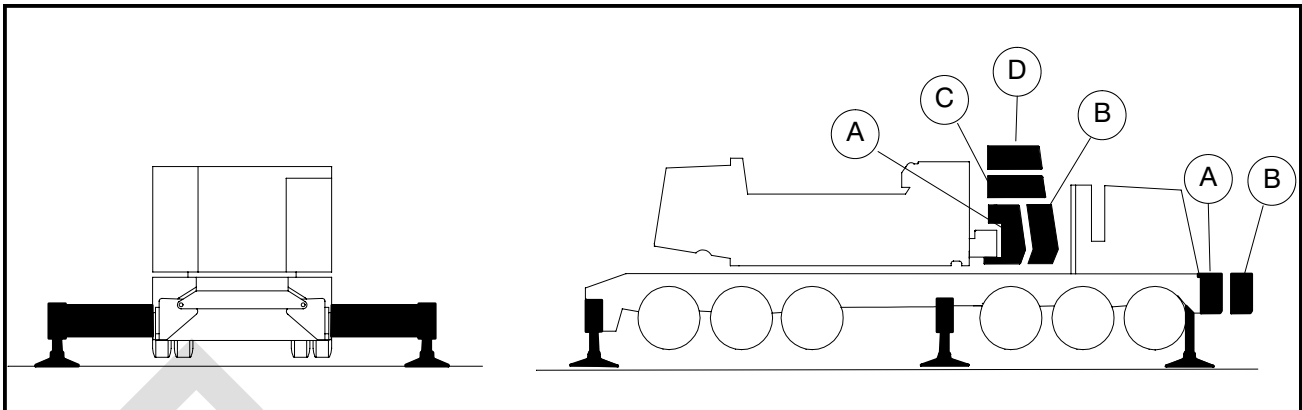
Note: Refer To Page 12 For "Capacity Deductions" Caused By Any Jib Attachment.



Main Boom Capacities - On Outriggers - 80 Ft Open Throat Tube Boom

Load Radius (ft)	Boom Angle (deg)	Counterweight Combinations - Upper + Bumper					Load Radius (ft)
		360° Rotation					
		0+0	A+0	AB+0	ABCD+0	ABCD+A	
14.3	82.0	321,400	331,700	331,700	331,700	PROHIBITED	14.3
15	81.5	306,400	327,600	327,600	327,600		15
16	80.8	287,400	317,500	321,400	321,400		16
17	80.0	270,300	298,900	314,400	314,400		17
18	79.3	255,300	282,200	306,800	308,500		18
19	78.6	241,700	267,100	290,700	302,700		19
20	77.9	229,400	253,800	276,000	295,100		20
25	74.2	155,100	202,100	220,100	248,500		25
30	70.4	109,400	150,900	182,500	206,200		30
35	66.6	83,600	116,100	145,000	175,900		35
40	62.6	67,300	93,900	117,400	152,400		40
50	54.2	47,300	67,000	84,300	112,600		50
60	44.7	35,900	51,300	65,100	87,500		60
70	33.3	28,300	41,000	52,400	71,000		70
80	16.2	22,800	33,800	43,400	59,300		80

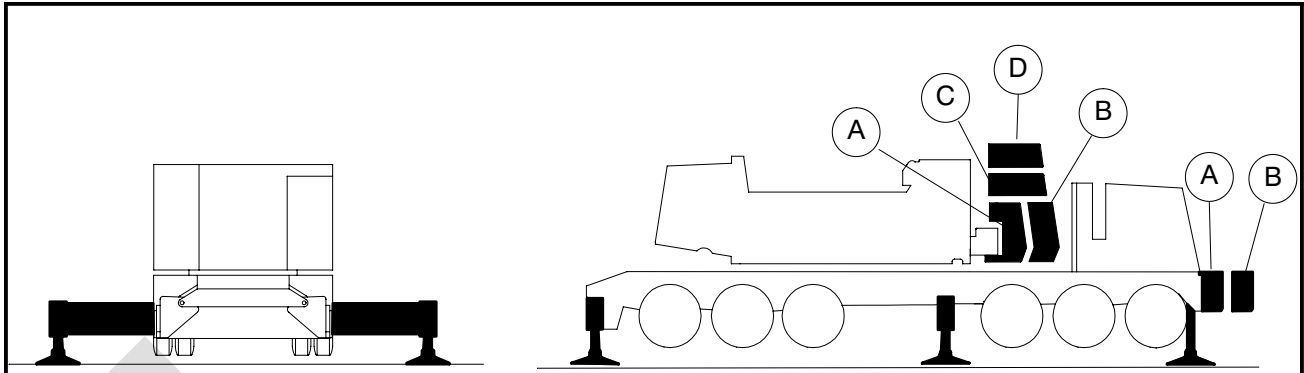
Note: Refer To Page 12 For "Capacity Deductions" Caused By Any Jib Attachment.



Main Boom Capacities - On Outriggers - 90 Ft Open Throat Tube Boom

Load Radius (ft)	Boom Angle (deg)	Counterweight Combinations - Upper + Bumper					Load Radius (ft)
		Over Rear					
		0+0	A+0	AB+0	ABCD+0	ABCD+A	
15.69	82.0	293,800	316,400	316,400	316,400	PROHIBITED	15.69
16	81.8	288,100	315,400	315,400	315,400		16
17	81.2	271,100	299,300	310,500	310,500		17
18	80.5	256,100	282,800	305,600	305,600		18
19	79.9	242,400	267,700	291,200	300,800		19
20	79.2	230,000	254,400	276,500	293,300		20
25	76.0	183,200	202,600	220,600	249,000		25
30	72.7	132,300	167,800	182,900	206,600		30
35	69.3	101,600	134,000	155,700	176,200		35
40	65.8	81,800	108,600	132,000	153,200		40
50	58.6	58,100	77,600	95,000	121,000		50
60	50.8	44,200	59,800	73,500	95,900		60
70	42.0	35,200	48,000	59,300	77,800		70
80	31.4	28,800	39,600	49,300	65,200		80
90	15.2	23,900	33,400	41,800	55,700		90

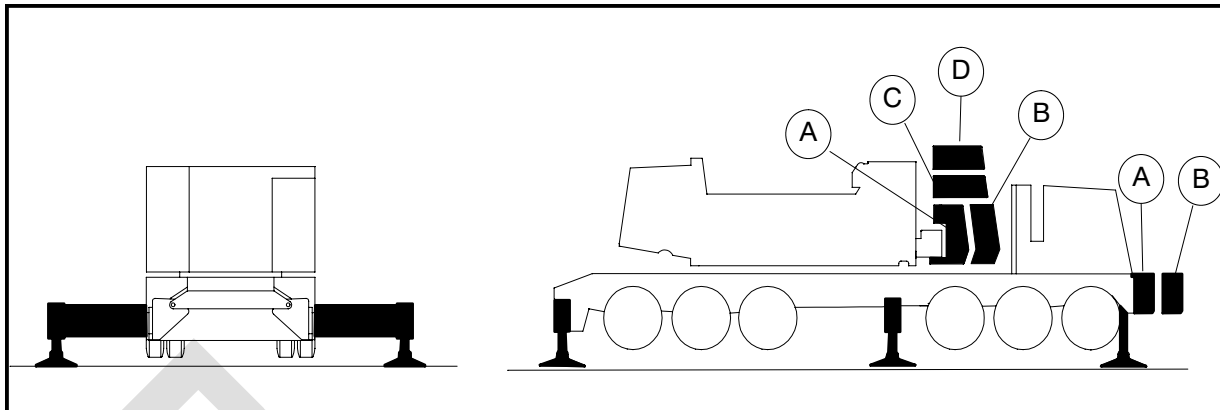
Note: Refer To Page 12 For "Capacity Deductions" Caused By Any Jib Attachment.



Main Boom Capacities - On Outriggers - 90 Ft Open Throat Tube Boom

Load Radius (ft)	Boom Angle (deg)	Counterweight Combinations - Upper + Bumper						Load Radius (ft)
		360° Rotation						
		0+0	A+0	AB+0	ABCD+0	ABCD+A	ABCD+AB	
15.69	82.0	293,800	316,400	316,400	316,400	PROHIBITED	15.69	
16	81.8	288,100	315,400	315,400	315,400		16	
17	81.2	271,100	299,300	310,500	310,500		17	
18	80.5	256,000	282,800	305,600	305,600		18	
19	79.9	242,400	267,700	291,200	300,800		19	
20	79.2	230,000	254,400	276,500	293,300		20	
25	76.0	157,200	202,600	220,600	249,000		25	
30	72.7	110,900	152,400	182,900	206,600		30	
35	69.3	84,700	117,200	146,100	176,200		35	
40	65.8	68,200	94,700	118,200	153,200		40	
50	58.6	47,900	67,600	84,800	113,200		50	
60	50.8	36,300	51,700	65,500	87,900		60	
70	42.0	28,600	41,300	52,700	71,300		70	
80	31.4	23,100	34,100	43,700	59,600		80	
90	15.2	18,900	28,500	37,000	50,700		90	

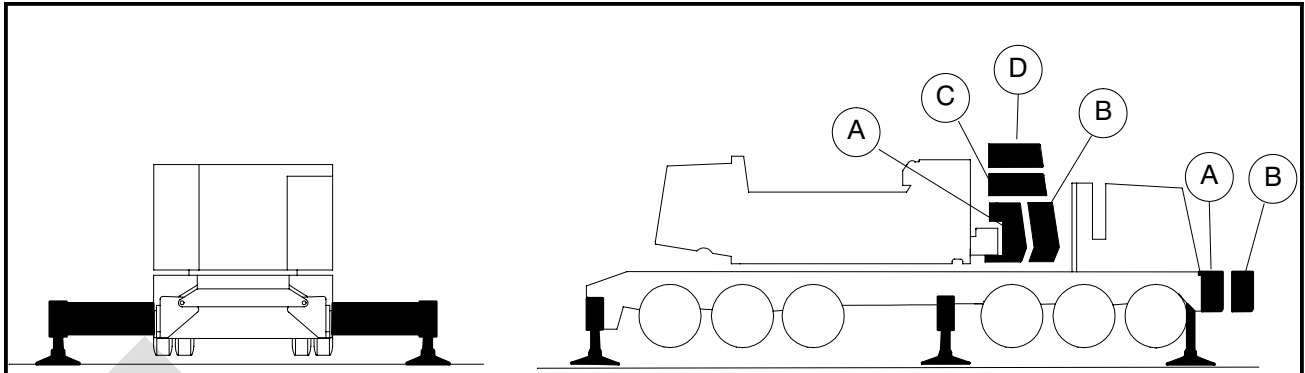
Note: Refer To Page 12 For "Capacity Deductions" Caused By Any Jib Attachment.



Main Boom Capacities - On Outriggers - 100 Ft Open Throat Tube Boom

Load Radius (ft)	Boom Angle (deg)	Counterweight Combinations - Upper + Bumper						Load Radius (ft)
		Over Rear						
		0+0	A+0	AB+0	ABCD+0	ABCD+A	ABCD+AB	
17.08	82.0	268,900	289,600	289,600	289,600	289,600	PROHIBITED	17.08
18	81.5	255,400	282,000	285,100	285,100	285,100		18
19	80.9	241,700	267,000	281,500	281,500	281,500		19
20	80.3	229,400	253,700	275,800	277,100	277,100		20
25	77.4	182,700	202,100	220,000	248,300	248,300		25
30	74.4	132,400	167,400	182,400	206,100	206,100		30
35	71.4	101,600	134,100	155,200	175,800	175,800		35
40	68.4	81,800	108,500	132,000	152,700	152,800		40
50	62.1	58,000	77,500	94,900	120,600	120,600		50
60	55.4	44,100	59,700	73,400	95,800	99,200		60
70	48.1	35,200	47,800	59,200	77,700	83,600		70
80	39.8	28,700	39,500	49,200	65,100	71,200		80
90	29.7	23,900	33,400	41,800	55,600	60,900		90
100	14.5	20,100	28,500	36,000	48,200	52,900	100	

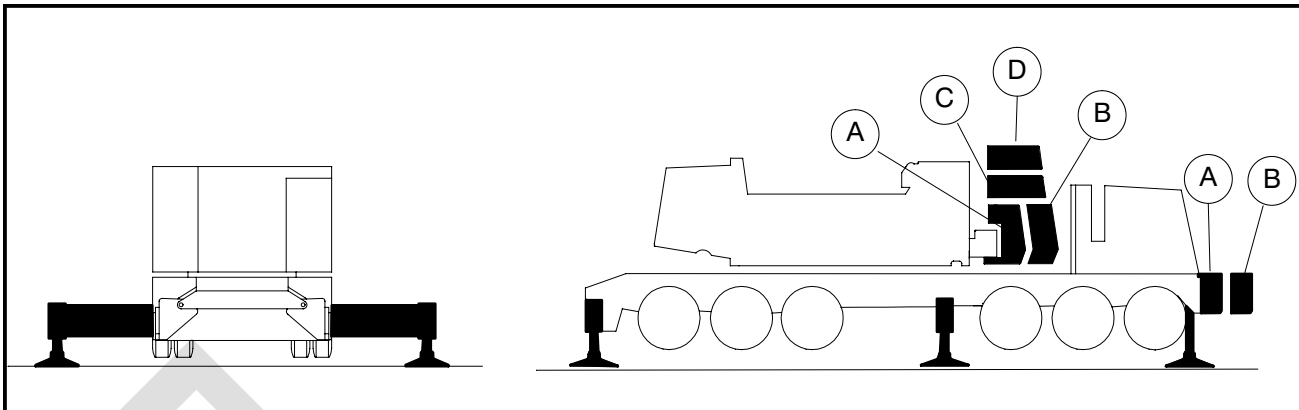
Note: Refer To Page 12 For "Capacity Deductions" Caused By Any Jib Attachment.



Main Boom Capacities - On Outriggers - 100 Ft Open Throat Tube Boom

Load Radius (ft)	Boom Angle (deg)	Counterweight Combinations - Upper + Bumper						Load Radius (ft)
		360° Rotation						
		0+0	A+0	AB+0	ABCD+0	ABCD+A	ABCD+AB	
17.08	82.0	268,900	289,600	289,600	289,600	289,600	PROHIBITED	17.08
18	81.5	255,300	282,000	285,100	285,100	285,100		18
19	80.9	241,700	267,000	281,500	281,500	281,500		19
20	80.3	229,400	253,700	275,800	277,100	277,100		20
25	77.4	157,500	202,100	220,000	248,300	248,300		25
30	74.4	111,100	152,500	182,400	206,100	206,100		30
35	71.4	84,800	117,200	146,100	175,800	175,800		35
40	68.4	68,200	94,700	118,200	152,800	152,800		40
50	62.1	47,900	67,600	84,800	113,100	116,200		50
60	55.4	36,300	51,600	65,400	87,700	90,200		60
70	48.1	28,500	41,200	52,600	71,200	73,300		70
80	39.8	23,000	34,000	43,500	59,400	61,200		80
90	29.7	18,900	28,500	37,000	50,700	52,200		90
100	14.5	15,700	24,200	31,700	43,900	45,200		100

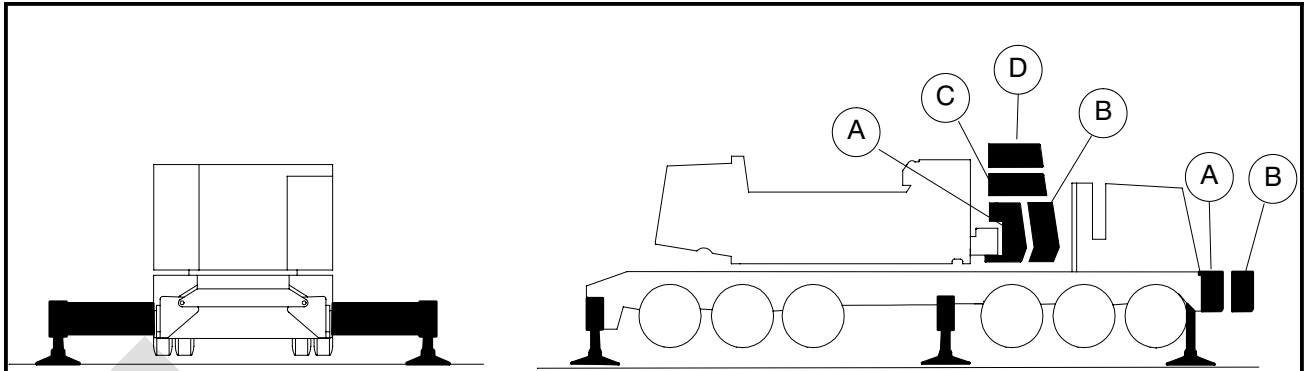
Note: Refer To Page 12 For "Capacity Deductions" Caused By Any Jib Attachment.



Main Boom Capacities - On Outriggers - 110 Ft Open Throat Tube Boom

Load Radius (ft)	Boom Angle (deg)	Counterweight Combinations - Upper + Bumper						Load Radius (ft)
		Over Rear						
		0+0	A+0	AB+0	ABCD+0	ABCD+A	ABCD+AB	
18.48	82.0	247,900	267,600	267,600	267,600	267,600	PROHIBITED	18.48
19	81.7	241,000	265,100	265,100	265,100	265,100		19
20	81.2	228,700	252,900	261,800	261,800	261,800		20
25	78.6	182,200	201,500	219,400	243,000	243,000		25
30	75.9	132,500	166,900	181,900	205,500	205,500		30
35	73.2	101,600	134,000	154,700	175,300	175,300		35
40	70.4	81,700	108,500	131,900	152,300	152,300		40
50	64.8	57,900	77,400	94,800	120,200	120,200		50
60	58.9	43,900	59,500	73,300	95,600	98,800		60
70	52.6	35,000	47,700	59,100	77,500	83,200		70
80	45.7	28,600	39,300	49,000	64,900	71,000		80
90	37.9	23,700	33,300	41,600	55,400	60,700		90
100	28.3	20,000	28,500	36,000	48,100	52,800	100	
110	13.8	17,000	24,600	31,300	42,200	46,400	110	

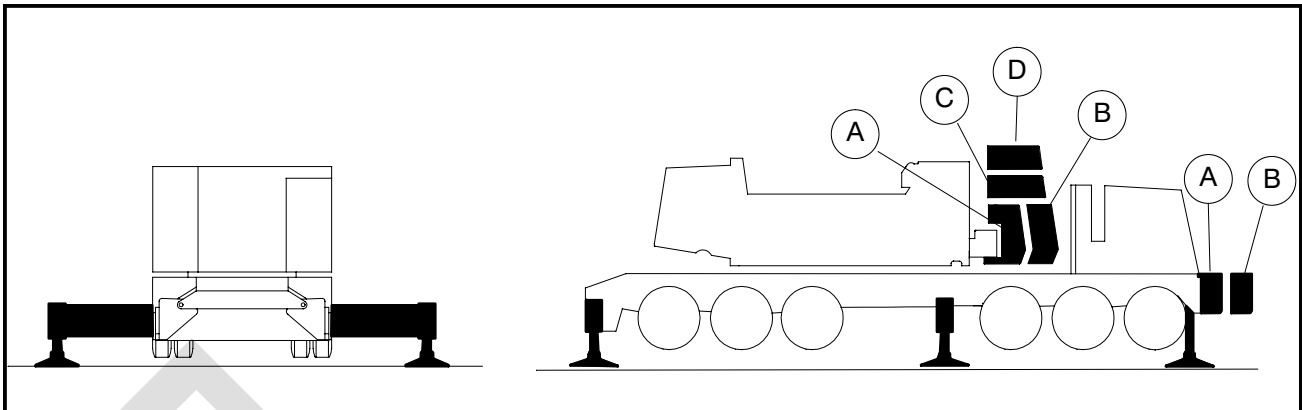
Note: Refer To Page 12 For "Capacity Deductions" Caused By Any Jib Attachment.



Main Boom Capacities - On Outriggers - 110 Ft Open Throat Tube Boom

Load Radius (ft)	Boom Angle (deg)	Counterweight Combinations - Upper + Bumper						Load Radius (ft)
		360° Rotation						
		0+0	A+0	AB+0	ABCD+0	ABCD+A	ABCD+AB	
18.48	82.0	247,900	267,600	267,600	267,600	267,600	PROHIBITED	18.48
19	81.7	241,000	265,100	265,100	265,100	265,100		19
20	81.2	228,700	252,900	261,800	261,800	261,800		20
25	78.6	157,700	201,500	219,400	243,000	243,000		25
30	75.9	111,100	152,500	181,900	205,500	205,500		30
35	73.2	84,800	117,200	146,100	175,300	175,300		35
40	70.4	68,100	94,600	118,100	152,300	152,300		40
50	64.8	47,800	67,400	84,600	112,900	116,000		50
60	58.9	36,100	51,500	65,200	87,600	90,000		60
70	52.6	28,400	41,000	52,400	71,100	73,100		70
80	45.7	22,900	33,900	43,400	59,300	61,000		80
90	37.9	18,800	28,400	36,800	50,500	52,000		90
100	28.3	15,600	24,100	31,600	43,700	45,100		100
110	13.8	13,000	20,600	27,400	38,300	39,500	110	

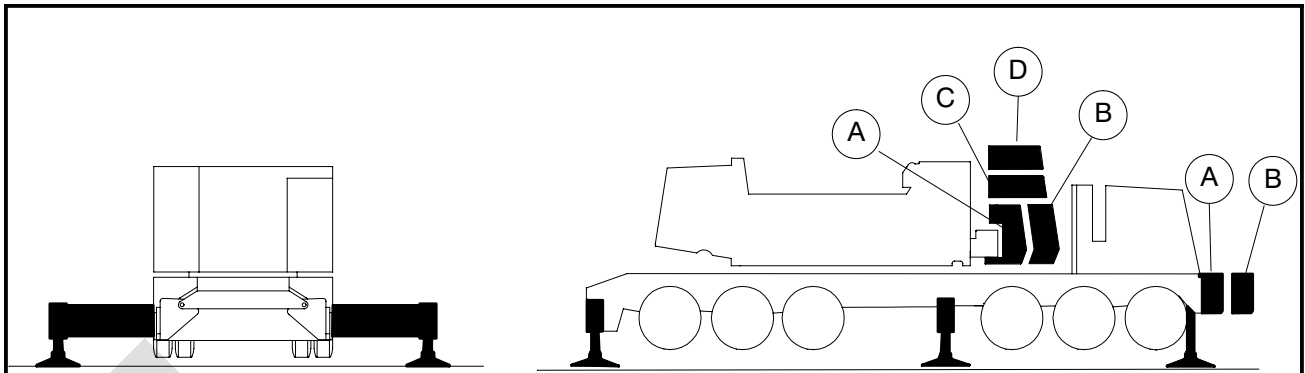
Note: Refer To Page 12 For "Capacity Deductions" Caused By Any Jib Attachment.



Main Boom Capacities - On Outriggers - 120 Ft Open Throat Tube Boom

Load Radius (ft)	Boom Angle (deg)	Counterweight Combinations - Upper + Bumper						Load Radius (ft)
		Over Rear						
		0+0	A+0	AB+0	ABCD+0	ABCD+A	ABCD+AB	
19.87	82.0	229,500	245,100	245,100	245,100	245,100	PROHIBITED	19.87
20	81.9	228,000	245,100	245,100	245,100	245,100		20
25	79.5	181,600	200,800	218,800	229,800	229,800		25
30	77.1	132,500	166,300	181,300	204,900	204,900		30
35	74.6	101,600	133,900	154,200	174,700	174,700		35
40	72.1	81,600	108,300	131,800	151,800	151,800		40
50	67.0	57,800	77,200	94,600	119,700	119,700		50
60	61.7	43,800	59,300	73,100	95,400	98,300		60
70	56.2	34,800	47,500	58,800	77,200	82,800		70
80	50.2	28,400	39,100	48,800	64,700	70,800		80
90	43.6	23,500	33,100	41,300	55,200	60,500		90
100	36.2	19,800	28,300	35,800	47,900	52,600		100
110	27.1	16,800	24,400	31,100	42,000	46,200	110	
120	13.2	14,300	21,200	27,300	37,300	41,100	120	

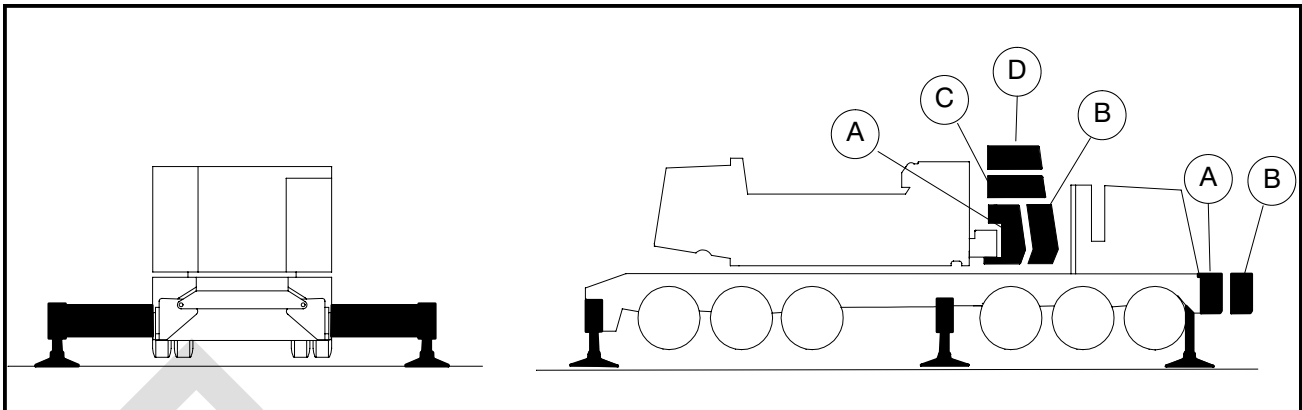
Note: Refer To Page 12 For "Capacity Deductions" Caused By Any Jib Attachment.



Main Boom Capacities - On Outriggers - 120 Ft Open Throat Tube Boom

Load Radius (ft)	Boom Angle (deg)	Counterweight Combinations - Upper + Bumper						Load Radius (ft)
		360° Rotation						
		0+0	A+0	AB+0	ABCD+0	ABCD+A	ABCD+AB	
19.87	82.0	229,500	245,100	245,100	245,100	245,100	PROHIBITED	19.87
20	81.9	228,000	245,100	245,100	245,100	245,100		20
25	79.5	157,800	200,800	218,800	229,800	229,800		25
30	77.1	111,200	152,500	181,300	204,900	204,900		30
35	74.6	84,700	117,100	146,000	174,700	174,700		35
40	72.1	68,000	94,500	117,900	151,800	151,800		40
50	67.0	47,600	67,300	84,400	112,700	115,800		50
60	61.7	36,000	51,300	65,100	87,300	89,800		60
70	56.2	28,200	40,800	52,200	70,900	72,900		70
80	50.2	22,700	33,700	43,100	59,000	60,800		80
90	43.6	18,600	28,200	36,600	50,300	51,800		90
100	36.2	15,400	23,900	31,400	43,500	44,800		100
110	27.1	12,900	20,500	27,200	38,100	39,300		110
120	13.2	10,800	17,700	23,800	33,800	34,900		120

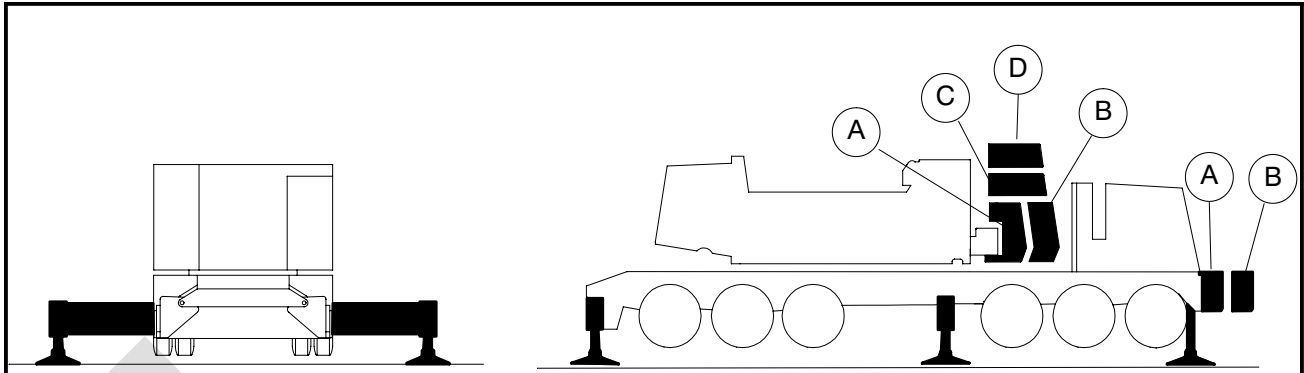
Note: Refer To Page 12 For "Capacity Deductions" Caused By Any Jib Attachment.



Main Boom Capacities - On Outriggers - 130 Ft Open Throat Tube Boom

Load Radius (ft)	Boom Angle (deg)	Counterweight Combinations - Upper + Bumper						Load Radius (ft)
		Over Rear						
		0+0	A+0	AB+0	ABCD+0	ABCD+A	ABCD+AB	
21.26	82.0	213,700	227,100	227,100	227,100	227,100	PROHIBITED	21.26
25	80.3	181,000	200,200	215,000	215,000	215,000		25
30	78.1	132,500	165,800	180,800	203,600	203,600		30
35	75.8	101,500	133,800	153,700	174,100	174,100		35
40	73.5	81,400	108,200	131,600	151,200	151,200		40
50	68.9	57,600	77,000	94,400	119,200	119,200		50
60	64.1	43,500	59,100	72,900	95,100	97,900		60
70	59.1	34,600	47,200	58,600	77,000	82,400		70
80	53.8	28,100	38,800	48,600	64,400	70,500		80
90	48.1	23,300	32,900	41,100	54,900	60,200		90
100	41.9	19,600	28,000	35,500	47,600	52,300		100
110	34.7	16,600	24,200	30,900	41,800	46,000		110
120	26.0	14,200	21,100	27,200	37,200	40,800		120
130	12.7	12,100	18,400	24,000	33,100	36,600	130	

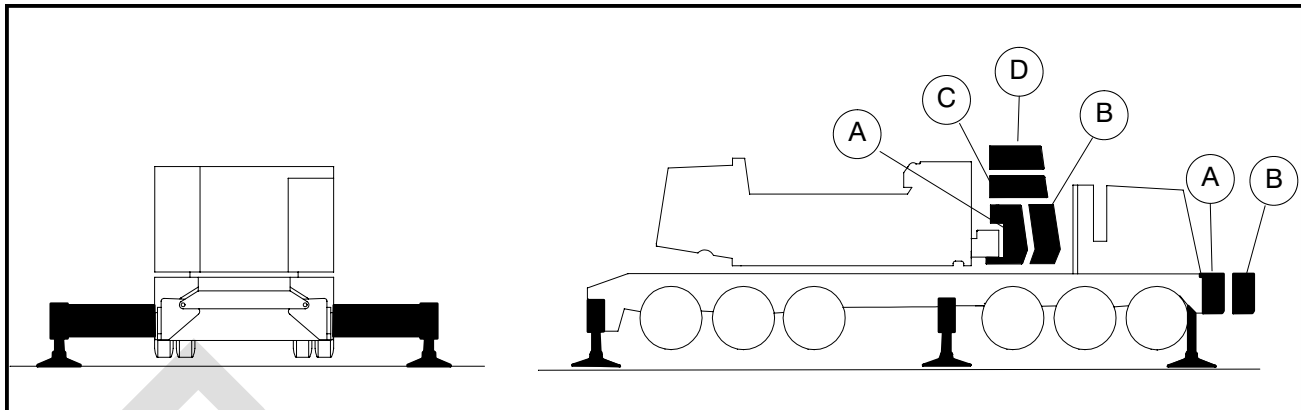
Note: Refer To Page 12 For "Capacity Deductions" Caused By Any Jib Attachment.



Main Boom Capacities - On Outriggers - 130 Ft Open Throat Tube Boom

Load Radius (ft)	Boom Angle (deg)	Counterweight Combinations - Upper + Bumper						Load Radius (ft)
		360° Rotation						
		0+0	A+0	AB+0	ABCD+0	ABCD+A	ABCD+AB	
21.26	82.0	213,700	227,100	227,100	227,100	227,100	PROHIBITED	21.26
25	80.3	157,900	200,200	215,000	215,000	215,000		25
30	78.1	111,200	152,400	180,700	203,600	203,600		30
35	75.8	84,600	117,000	145,900	174,100	174,200		35
40	73.5	67,900	94,400	117,800	151,200	151,200		40
50	68.9	47,400	67,100	84,200	112,400	115,600		50
60	64.1	35,800	51,100	64,800	87,100	89,600		60
70	59.1	28,000	40,600	52,000	70,600	72,700		70
80	53.8	22,500	33,400	42,900	58,800	60,500		80
90	48.1	18,400	27,900	36,400	50,000	51,500		90
100	41.9	15,200	23,700	31,200	43,200	44,600		100
110	34.7	12,700	20,300	27,000	37,800	39,000		110
120	26.0	10,600	17,500	23,600	33,600	34,700		120
130	12.7	8,800	15,100	20,700	29,900	30,900		130

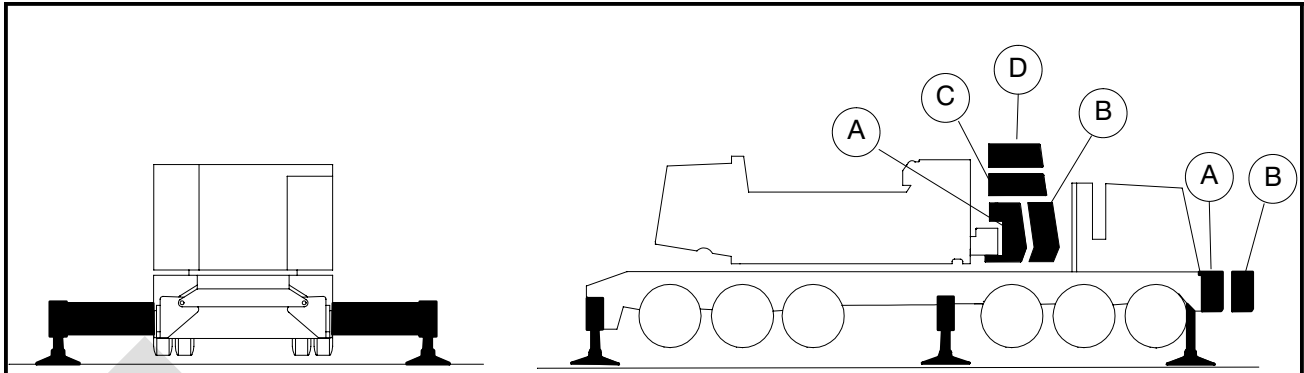
Note: Refer To Page 12 For "Capacity Deductions" Caused By Any Jib Attachment.



Main Boom Capacities - On Outriggers - 140 Ft Open Throat Tube Boom

Load Radius (ft)	Boom Angle (deg)	Counterweight Combinations - Upper + Bumper						Load Radius (ft)
		Over Rear						
		0+0	A+0	AB+0	ABCD+0	ABCD+A	ABCD+AB	
22.65	82.0	199,500	208,800	208,800	208,800	208,800	208,800	22.65
25	81.0	180,400	199,500	203,600	203,600	203,600	203,600	25
30	79.0	132,400	165,200	180,100	192,800	192,800	192,800	30
35	76.9	101,400	133,700	153,100	173,600	173,600	173,600	35
40	74.7	81,300	108,000	131,400	150,600	150,600	150,600	40
50	70.5	57,400	76,700	94,200	118,700	118,700	118,700	50
60	66.0	43,300	58,900	72,600	94,900	97,400	97,400	60
70	61.5	34,400	47,000	58,300	76,700	81,900	81,900	70
80	56.7	27,900	38,600	48,300	64,200	70,300	70,600	80
90	51.7	23,100	32,600	40,800	54,700	60,000	61,500	90
100	46.2	19,300	27,800	35,300	47,300	52,000	54,200	100
110	40.3	16,300	23,900	30,700	41,500	45,700	48,300	110
120	33.4	13,900	20,800	26,900	36,900	40,500	43,300	120
130	25.0	11,900	18,200	23,800	32,900	36,400	39,100	130
140	12.2	10,100	16,000	21,100	29,500	32,800	35,600	140

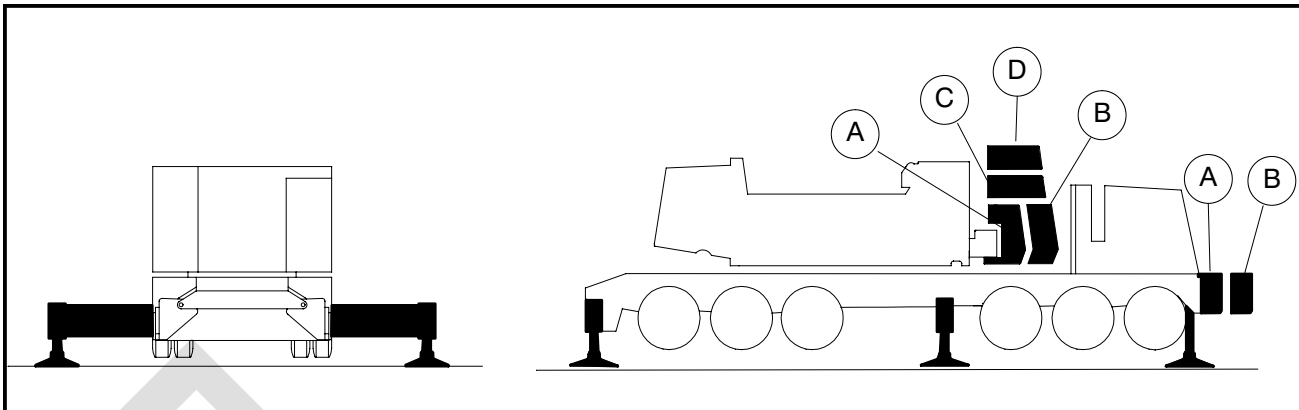
Note: Refer To Page 12 For "Capacity Deductions" Caused By Any Jib Attachment.



Main Boom Capacities - On Outriggers - 140 Ft Open Throat Tube Boom

Load Radius (ft)	Boom Angle (deg)	Counterweight Combinations - Upper + Bumper						Load Radius (ft)
		360° Rotation						
		0+0	A+0	AB+0	ABCD+0	ABCD+A	ABCD+AB	
22.65	82.0	195,800	208,800	208,800	208,800	208,800	208,800	22.65
25	81.0	158,000	199,500	203,600	203,600	203,600	203,600	25
30	79.0	111,100	152,300	180,100	192,800	192,800	192,800	30
35	76.9	84,500	116,800	145,700	173,500	173,600	173,600	35
40	74.7	67,800	94,200	117,600	150,600	150,600	150,600	40
50	70.5	47,200	66,900	84,000	112,200	115,300	118,700	50
60	66.0	35,600	50,800	64,600	86,800	89,300	92,700	60
70	61.5	27,800	40,300	51,700	70,400	72,400	74,900	70
80	56.7	22,200	33,200	42,600	58,500	60,300	62,600	80
90	51.7	18,100	27,700	36,100	49,700	51,200	53,300	90
100	46.2	15,000	23,400	30,900	42,900	44,300	46,100	100
110	40.3	12,400	20,000	26,700	37,500	38,800	40,400	110
120	33.4	10,400	17,200	23,400	33,300	34,400	35,900	120
130	25.0	8,600	14,900	20,500	29,700	30,700	32,000	130
140	12.2	7,100	13,000	18,100	26,500	27,500	28,700	140

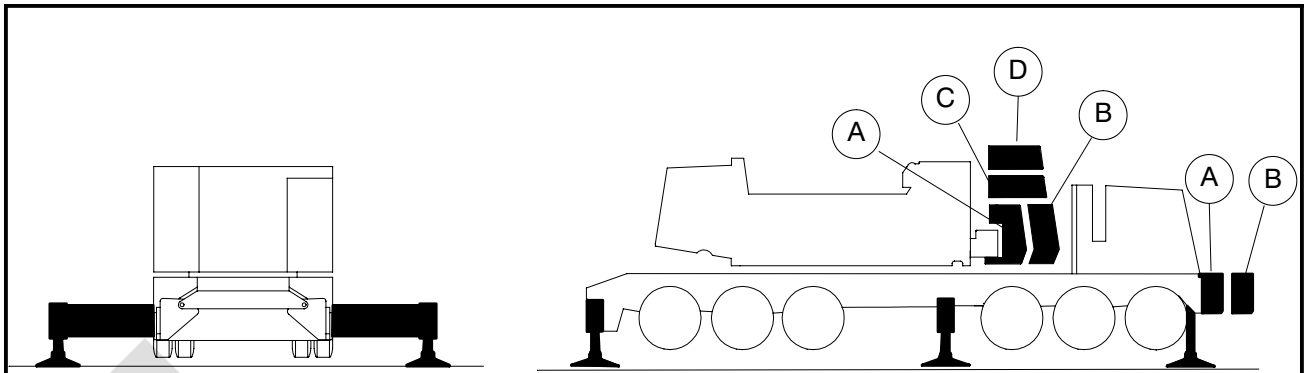
Note: Refer To Page 12 For "Capacity Deductions" Caused By Any Jib Attachment.



Main Boom Capacities - On Outriggers - 150 Ft Open Throat Tube Boom

Load Radius (ft)	Boom Angle (deg)	Counterweight Combinations - Upper + Bumper						Load Radius (ft)
		Over Rear						
		0+0	A+0	AB+0	ABCD+0	ABCD+A	ABCD+AB	
24.04	82.0	186,800	193,700	193,700	193,700	193,700	193,700	24.04
25	81.6	179,700	191,900	191,900	191,900	191,900	191,900	25
30	79.7	132,300	164,500	179,500	180,500	180,500	180,500	30
35	77.7	101,200	133,500	152,500	172,000	172,000	172,000	35
40	75.8	81,100	107,900	131,200	150,100	150,100	150,100	40
50	71.8	57,200	76,500	93,900	118,200	118,200	118,200	50
60	67.7	43,000	58,600	72,400	94,600	96,900	96,900	60
70	63.5	34,100	46,700	58,100	76,400	81,400	81,400	70
80	59.2	27,600	38,300	48,000	63,900	70,000	70,100	80
90	54.6	22,800	32,300	40,500	54,300	59,700	61,000	90
100	49.8	19,000	27,500	35,000	47,000	51,700	53,800	100
110	44.6	16,100	23,700	30,400	41,100	45,400	47,800	110
120	38.8	13,600	20,500	26,600	36,600	40,200	42,900	120
130	32.3	11,600	17,900	23,500	32,600	36,200	38,700	130
140	24.2	9,900	15,700	20,900	29,300	32,500	35,300	140
150	11.8	8,400	13,800	18,600	26,400	29,400	32,100	150

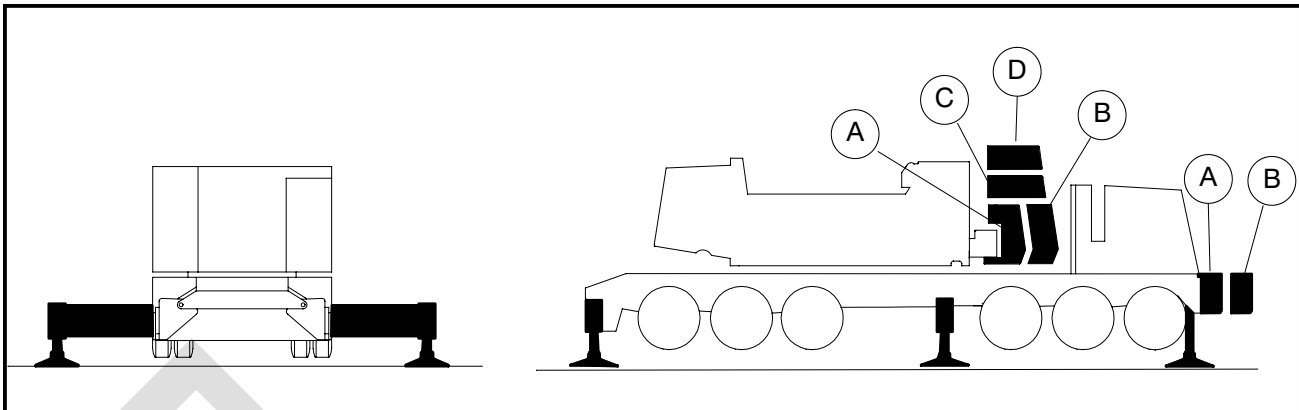
Note: Refer To Page 12 For "Capacity Deductions" Caused By Any Jib Attachment.



Main Boom Capacities - On Outriggers - 150 Ft Open Throat Tube Boom

Load Radius (ft)	Boom Angle (deg)	Counterweight Combinations - Upper + Bumper						Load Radius (ft)
		360° Rotation						
		0+0	A+0	AB+0	ABCD+0	ABCD+A	ABCD+AB	
24.04	82.0	171,800	193,700	193,700	193,700	193,700	193,700	24.04
25	81.6	158,100	191,900	191,900	191,900	191,900	191,900	25
30	79.7	111,100	152,200	179,500	180,500	180,500	180,500	30
35	77.7	84,400	116,700	145,600	172,000	172,000	172,000	35
40	75.8	67,600	94,000	117,400	150,100	150,100	150,100	40
50	71.8	47,000	66,700	83,800	111,900	115,100	118,200	50
60	67.7	35,400	50,600	64,300	86,600	89,000	92,400	60
70	63.5	27,500	40,000	51,400	70,100	72,100	74,600	70
80	59.2	22,000	32,900	42,300	58,200	60,000	62,300	80
90	54.6	17,900	27,400	35,900	49,400	50,900	53,000	90
100	49.8	14,700	23,100	30,600	42,600	44,000	45,800	100
110	44.6	12,100	19,700	26,500	37,200	38,400	40,100	110
120	38.8	10,100	17,000	23,100	33,100	34,200	35,600	120
130	32.3	8,400	14,700	20,200	29,400	30,400	31,800	130
140	24.2	6,900	12,700	17,900	26,300	27,200	28,500	140
150	11.8	5,600	11,000	15,800	23,600	24,500	25,600	150

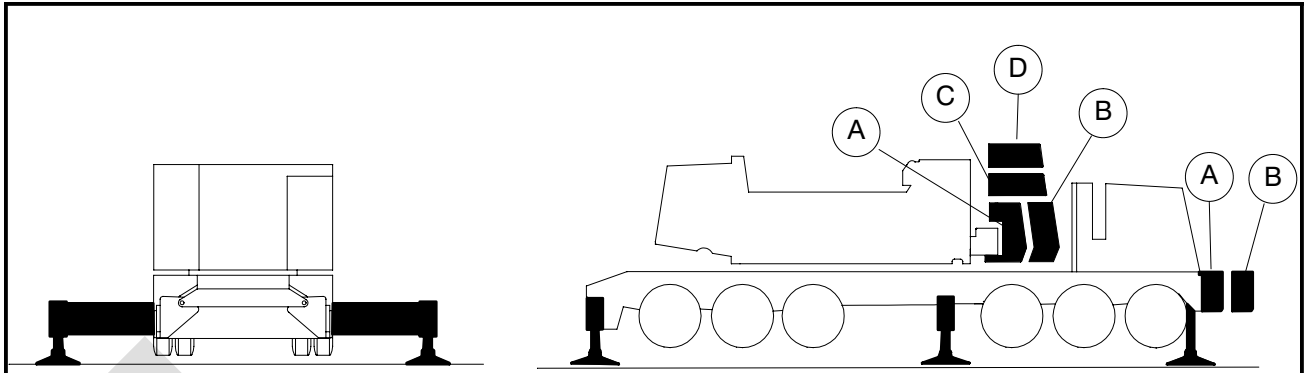
Note: Refer To Page 12 For "Capacity Deductions" Caused By Any Jib Attachment.



Main Boom Capacities - On Outriggers - 160 Ft Open Throat Tube Boom

Load Radius (ft)	Boom Angle (deg)	Counterweight Combinations - Upper + Bumper						Load Radius (ft)
		Over Rear						
		0+0	A+0	AB+0	ABCD+0	ABCD+A	ABCD+AB	
25.43	82.0	175,800	177,700	177,700	177,700	177,700	177,700	25.43
30	80.3	132,300	163,900	170,500	170,500	170,500	170,500	30
35	78.5	101,100	133,400	151,900	163,000	163,000	163,000	35
40	76.7	80,900	107,700	131,000	149,500	149,500	149,500	40
50	73.0	56,900	76,200	93,700	117,600	117,600	117,600	50
60	69.2	42,800	58,300	72,100	94,300	96,400	96,400	60
70	65.3	33,900	46,400	57,800	76,100	80,900	81,000	70
80	61.3	27,400	38,000	47,700	63,600	69,700	69,700	80
90	57.1	22,500	32,100	40,200	54,000	59,300	60,600	90
100	52.8	18,800	27,200	34,700	46,700	51,400	53,300	100
110	48.1	15,800	23,400	30,100	40,800	45,000	47,400	110
120	43.1	13,300	20,200	26,300	36,300	39,900	42,400	120
130	37.6	11,300	17,600	23,200	32,400	35,900	38,200	130
140	31.2	9,600	15,400	20,600	29,000	32,200	34,900	140
150	23.4	8,100	13,500	18,300	26,100	29,100	31,700	150
160	11.4	6,800	11,900	16,300	23,600	26,400	28,900	160

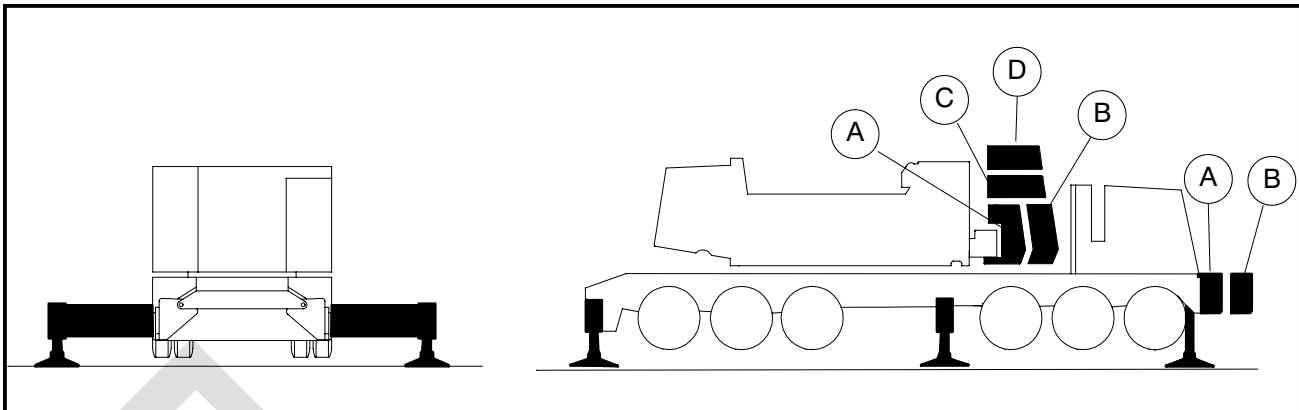
Note: Refer To Page 12 For "Capacity Deductions" Caused By Any Jib Attachment.



Main Boom Capacities - On Outriggers - 160 Ft Open Throat Tube Boom

Load Radius (ft)	Boom Angle (deg)	Counterweight Combinations - Upper + Bumper						Load Radius (ft)
		360° Rotation						
		0+0	A+0	AB+0	ABCD+0	ABCD+A	ABCD+AB	
25.43	82.0	152,500	177,700	177,700	177,700	177,700	177,700	25.43
30	80.3	111,000	152,100	170,500	170,500	170,500	170,500	30
35	78.5	84,200	116,500	145,400	163,000	163,000	163,000	35
40	76.7	67,400	93,800	117,200	149,500	149,500	149,500	40
50	73.0	46,800	66,400	83,500	111,600	114,800	117,600	50
60	69.2	35,100	50,300	64,100	86,300	88,700	92,100	60
70	65.3	27,200	39,800	51,100	69,800	71,800	74,200	70
80	61.3	21,700	32,700	42,000	57,900	59,700	62,000	80
90	57.1	17,600	27,100	35,600	49,100	50,600	52,700	90
100	52.8	14,400	22,800	30,300	42,300	43,700	45,500	100
110	48.1	11,800	19,400	26,200	37,200	38,100	39,700	110
120	43.1	9,800	16,700	22,800	32,800	33,900	35,300	120
130	37.6	8,100	14,400	19,900	29,100	30,100	31,500	130
140	31.2	6,600	12,400	17,600	26,000	26,900	28,200	140
150	23.4	5,300	10,700	15,500	23,300	24,200	25,400	150
160	11.4	4,300	9,300	13,700	21,000	21,800	22,900	160

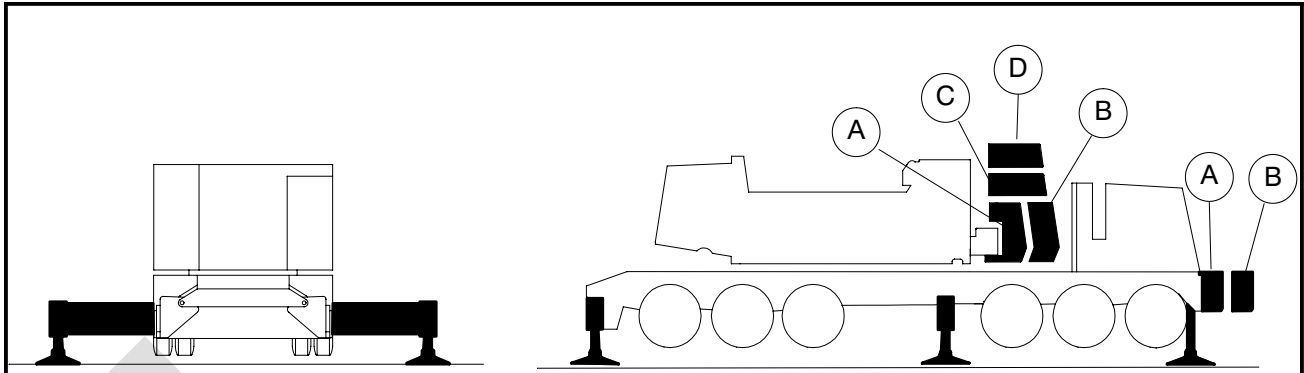
Note: Refer To Page 12 For "Capacity Deductions" Caused By Any Jib Attachment.



Main Boom Capacities - On Outriggers - 170 Ft Open Throat Tube Boom

Load Radius (ft)	Boom Angle (deg)	Counterweight Combinations Upper + Bumper						Load Radius (ft)
		Over Rear						
		0+0	A+0	AB+0	ABCD+0	ABCD+A	ABCD+AB	
26.83	82.0	163,100	163,800	163,800	163,800	163,800	163,800	26.83
30	80.9	132,100	159,700	159,700	159,700	159,700	159,700	30
35	79.2	100,900	133,200	151,300	152,700	152,700	152,700	35
40	77.5	80,700	107,500	130,700	144,100	144,100	144,100	40
50	74.0	56,700	76,000	93,400	117,100	117,100	117,100	50
60	70.5	42,500	58,100	71,800	94,000	95,900	95,900	60
70	66.9	33,600	46,100	57,500	75,700	80,400	80,400	70
80	63.1	27,100	37,700	47,400	63,300	69,200	69,200	80
90	59.3	22,200	31,800	39,900	53,700	59,000	60,100	90
100	55.3	18,400	26,900	34,400	46,300	51,000	52,900	100
110	51.1	15,500	23,100	29,800	40,500	44,700	46,900	110
120	46.6	13,000	19,900	26,000	36,000	39,500	42,000	120
130	41.7	11,000	17,300	22,900	32,000	35,500	37,800	130
140	36.4	9,300	15,100	20,300	28,700	31,900	34,400	140
150	30.3	7,800	13,200	18,000	25,800	28,800	31,300	150
160	22.7	6,600	11,600	16,000	23,300	26,100	28,500	160
170	11.1	5,400	10,100	14,300	21,100	23,800	26,100	170

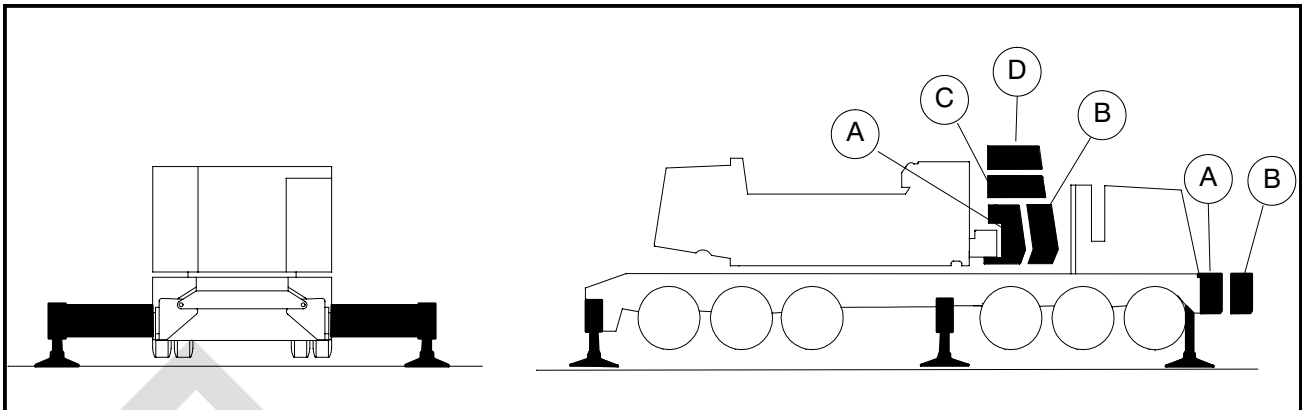
Note: Refer To Page 12 For "Capacity Deductions" Caused By Any Jib Attachment.



Main Boom Capacities - On Outriggers - 170 Ft Open Throat Tube Boom

Load Radius (ft)	Boom Angle (deg)	Counterweight Combinations Upper + Bumper						Load Radius (ft)
		360° Rotation						
		0+0	A+0	AB+0	ABCD+0	ABCD+A	ABCD+AB	
26.83	82.0	137,200	163,800	163,800	163,800	163,800	163,800	26.83
30	80.9	111,000	152,000	159,700	159,700	159,700	159,700	30
35	79.2	84,100	116,300	145,200	152,700	152,700	152,700	35
40	77.5	67,300	93,600	116,900	144,100	144,100	144,100	40
50	74.0	46,500	66,200	83,200	111,400	114,500	117,100	50
60	70.5	34,900	50,000	63,800	86,000	88,400	91,800	60
70	66.9	27,000	39,500	50,800	69,500	71,500	74,300	70
80	63.1	21,400	32,400	41,700	57,600	59,400	61,700	80
90	59.3	17,300	26,800	35,300	48,800	50,300	52,400	90
100	55.3	14,100	22,500	30,000	42,000	43,300	45,100	100
110	51.1	11,500	19,100	25,900	36,900	37,800	39,400	110
120	46.6	9,500	16,400	22,500	32,500	33,600	35,000	120
130	41.7	7,700	14,000	19,600	28,800	29,800	31,100	130
140	36.4	6,300	12,100	17,200	25,700	26,600	27,900	140
150	30.3	5,000	10,400	15,200	23,000	23,900	25,000	150
160	22.7	4,000	9,000	13,400	20,700	21,500	22,600	160
170	11.1	3,000	7,700	11,900	18,700	19,500	20,500	170

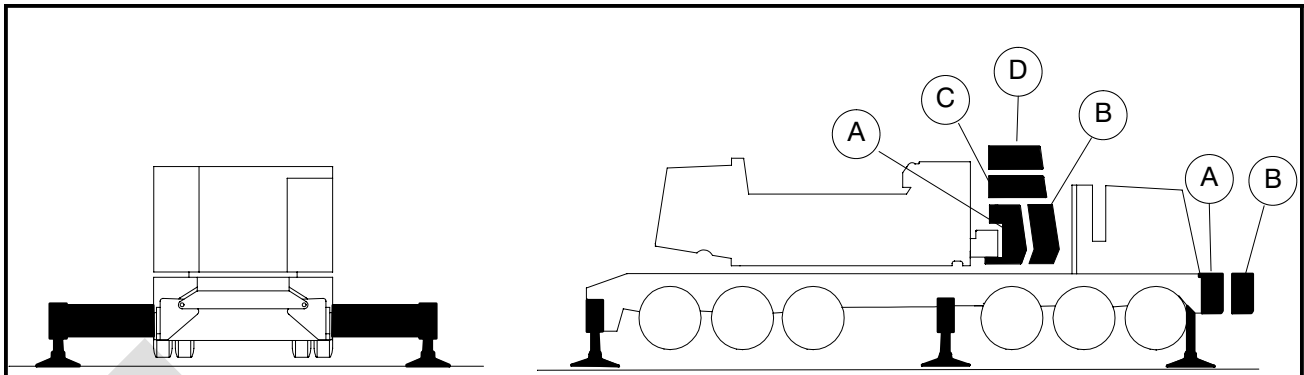
Note: Refer To Page 12 For "Capacity Deductions" Caused By Any Jib Attachment.



Main Boom Capacities - On Outriggers - 180 Ft Open Throat Tube Boom

Load Radius (ft)	Boom Angle (deg)	Counterweight Combinations - Upper + Bumper						Load Radius (ft)
		Over Rear						
		0+0	A+0	AB+0	ABCD+0	ABCD+A	ABCD+AB	
28.22	82.0	148,100	152,500	152,500	152,500	152,500	152,500	28.22
30	81.4	132,000	150,200	150,200	150,200	150,200	150,200	30
35	79.8	100,700	133,000	142,200	142,200	142,200	142,200	35
40	78.2	80,500	107,200	130,500	136,400	136,400	136,400	40
50	74.9	56,400	75,700	93,100	116,500	116,500	116,500	50
60	71.6	42,200	57,800	71,500	93,700	95,400	95,400	60
70	68.2	33,300	45,800	57,200	75,400	79,900	79,900	70
80	64.7	26,800	37,300	47,000	62,900	68,700	68,700	80
90	61.2	21,900	31,500	39,500	53,400	58,700	59,600	90
100	57.5	18,100	26,600	34,100	46,000	50,700	52,400	100
110	53.6	15,100	22,700	29,500	40,100	44,300	46,400	110
120	49.5	12,700	19,600	25,700	35,700	39,200	41,500	120
130	45.2	10,700	17,000	22,600	31,700	35,200	37,300	130
140	40.5	9,000	14,800	19,900	28,400	31,600	34,000	140
150	35.3	7,500	12,900	17,700	25,500	28,500	30,900	150
160	29.4	6,200	11,300	15,700	23,000	25,800	28,100	160
170	22.1	5,100	9,800	14,000	20,800	23,400	25,700	170
180	10.8	4,100	8,600	12,500	18,900	21,400	23,400	180

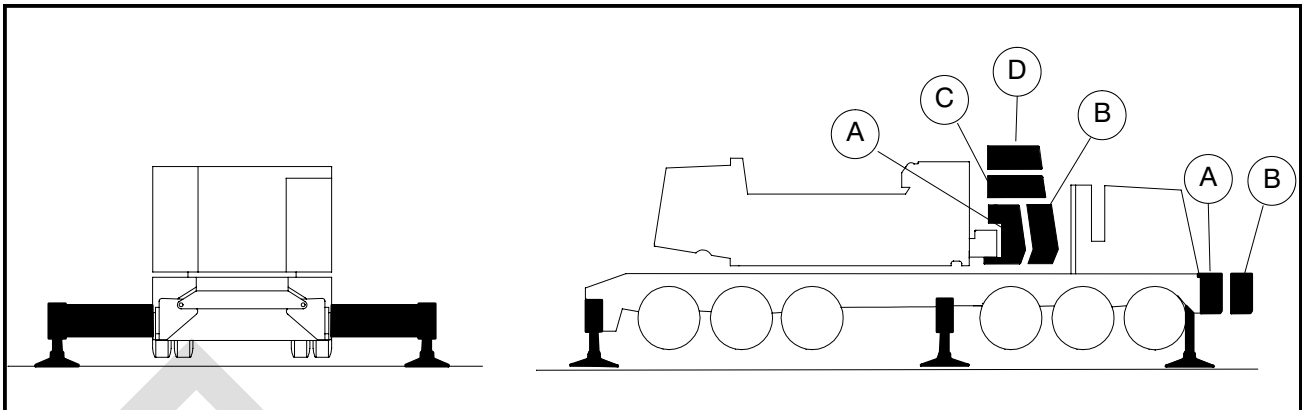
Note: Refer To Page 12 For "Capacity Deductions" Caused By Any Jib Attachment.



Main Boom Capacities - On Outriggers - 180 Ft Open Throat Tube Boom

Load Radius (ft)	Boom Angle (deg)	Counterweight Combinations - Upper + Bumper						Load Radius (ft)
		360° Rotation						
		0+0	A+0	AB+0	ABCD+0	ABCD+A	ABCD+AB	
28.22	82.0	124,100	152,500	152,500	152,500	152,500	152,500	28.22
30	81.4	110,900	150,200	150,200	150,200	150,200	150,200	30
35	79.8	83,900	116,100	142,200	142,200	142,200	142,200	35
40	78.2	67,100	93,400	116,700	136,400	136,400	136,400	40
50	74.9	46,300	66,000	82,900	111,500	114,200	116,500	50
60	71.6	34,600	49,700	63,500	85,600	88,100	91,500	60
70	68.2	26,700	39,100	50,500	69,200	71,200	74,000	70
80	64.7	21,100	32,100	41,400	57,300	59,000	61,400	80
90	61.2	17,000	26,500	35,000	48,400	50,000	52,000	90
100	57.5	13,800	22,200	29,700	41,600	43,000	44,800	100
110	53.6	11,200	18,800	25,500	36,600	37,400	39,000	110
120	49.5	9,100	16,000	22,100	32,100	33,200	34,700	120
130	45.2	7,400	13,700	19,300	28,500	29,500	30,800	130
140	40.5	6,000	11,800	16,900	25,400	26,300	27,500	140
150	35.3	4,700	10,100	14,900	22,700	23,600	24,700	150
160	29.4	3,600	8,700	13,100	20,400	21,200	22,300	160
170	22.1	2,700	7,400	11,600	18,400	19,200	20,200	170
180	10.8		6,300	10,200	16,600	17,300	18,300	180

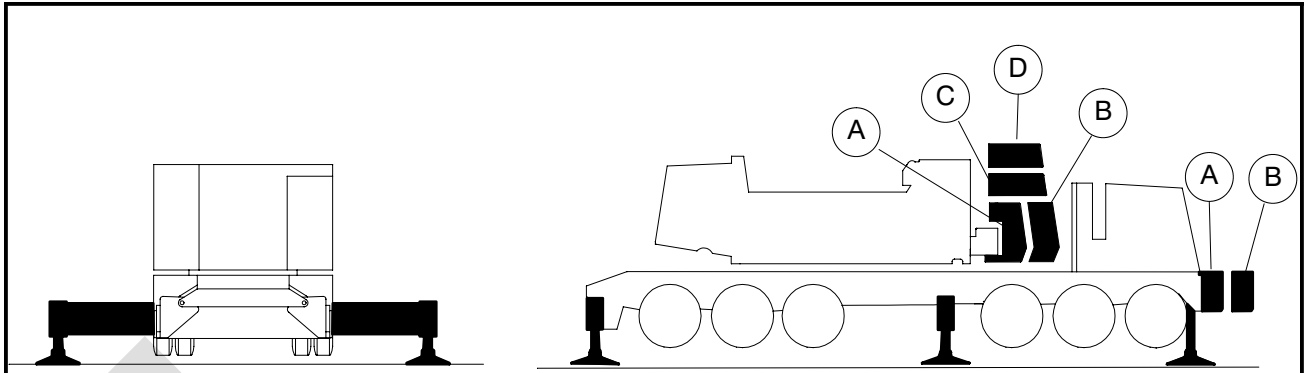
Note: Refer To Page 12 For "Capacity Deductions" Caused By Any Jib Attachment.



Main Boom Capacities - On Outriggers - 190 Ft Open Throat Tube Boom

Load Radius (ft)	Boom Angle (deg)	Counterweight Combinations -Upper + Bumper						Load Radius (ft)
		Over Rear						
		0+0	A+0	AB+0	ABCD+0	ABCD+A	ABCD+AB	
29.61	82.0	135,200	139,300	139,300	139,300	139,300	139,300	29.61
30	81.9	131,900	138,900	138,900	138,900	138,900	138,900	30
35	80.4	100,600	132,800	134,100	134,100	134,100	134,100	35
40	78.8	80,200	107,000	128,700	128,700	128,700	128,700	40
50	75.7	56,200	75,400	92,800	116,000	116,000	116,000	50
60	72.6	41,900	57,500	71,200	93,400	94,900	94,900	60
70	69.4	33,000	45,500	56,900	75,100	79,400	79,400	70
80	66.1	26,500	37,000	46,700	62,600	68,200	68,200	80
90	62.8	21,600	31,100	39,200	53,000	58,300	59,200	90
100	59.4	17,800	26,300	33,800	45,600	50,300	51,900	100
110	55.8	14,800	22,400	29,100	39,800	44,000	46,000	110
120	52.1	12,400	19,300	25,400	35,400	38,800	41,000	120
130	48.1	10,300	16,600	22,200	31,400	34,900	37,200	130
140	43.9	8,600	14,400	19,600	28,000	31,200	33,600	140
150	39.4	7,200	12,600	17,300	25,100	28,100	30,400	150
160	34.4	5,900	10,900	15,400	22,700	25,500	27,700	160
170	28.6	4,800	9,500	13,700	20,500	23,100	25,300	170
180	21.5	3,800	8,200	12,200	18,600	21,000	23,100	180
190	10.5	2,900	7,100	10,800	16,900	19,200	20,900	190

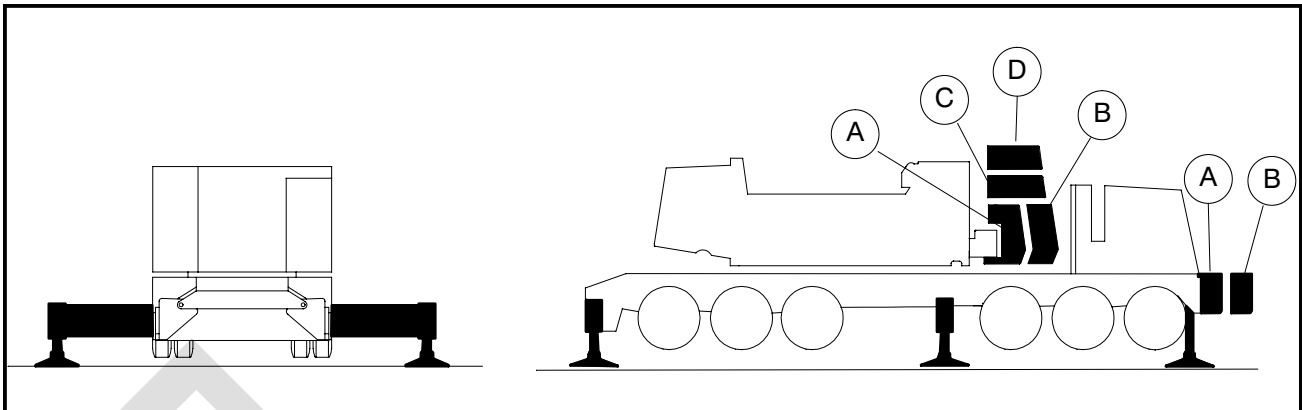
Note: Refer To Page 12 For "Capacity Deductions" Caused By Any Jib Attachment.



Main Boom Capacities - On Outriggers - 190 Ft Open Throat Tube Boom

Load Radius (ft)	Boom Angle (deg)	Counterweight Combinations - Upper + Bumper						Load Radius (ft)
		360° Rotation						
		0+0	A+0	AB+0	ABCD+0	ABCD+A	ABCD+AB	
29.61	82.0	113,100	139,300	139,300	139,300	139,300	139,300	29.61
30	81.9	110,800	138,900	138,900	138,900	138,900	138,900	30
35	80.4	83,700	115,900	134,100	134,100	134,100	134,100	35
40	78.8	66,900	93,200	116,400	128,700	128,700	128,700	40
50	75.7	46,000	65,700	82,700	111,200	113,900	116,000	50
60	72.6	34,300	49,400	63,200	85,300	87,800	91,200	60
70	69.4	26,400	38,800	50,200	68,900	70,900	73,700	70
80	66.1	20,800	31,800	41,100	56,900	58,700	61,100	80
90	62.8	16,600	26,200	34,700	48,100	49,600	51,700	90
100	59.4	13,400	21,900	29,400	41,300	42,600	44,400	100
110	55.8	10,900	18,500	25,200	36,200	37,100	38,700	110
120	52.1	8,800	15,700	21,800	31,800	32,900	34,400	120
130	48.1	7,100	13,400	19,000	28,100	29,100	30,500	130
140	43.9	5,600	11,400	16,600	25,000	25,900	27,200	140
150	39.4	4,400	9,800	14,500	22,400	23,200	24,400	150
160	34.4	3,300	8,300	12,800	20,100	20,900	21,900	160
170	28.6	2,400	7,100	11,200	18,100	18,800	19,800	170
180	21.5		6,000	9,900	16,300	17,000	18,000	180
190	10.5		5,000	8,700	14,700	15,400	16,300	190

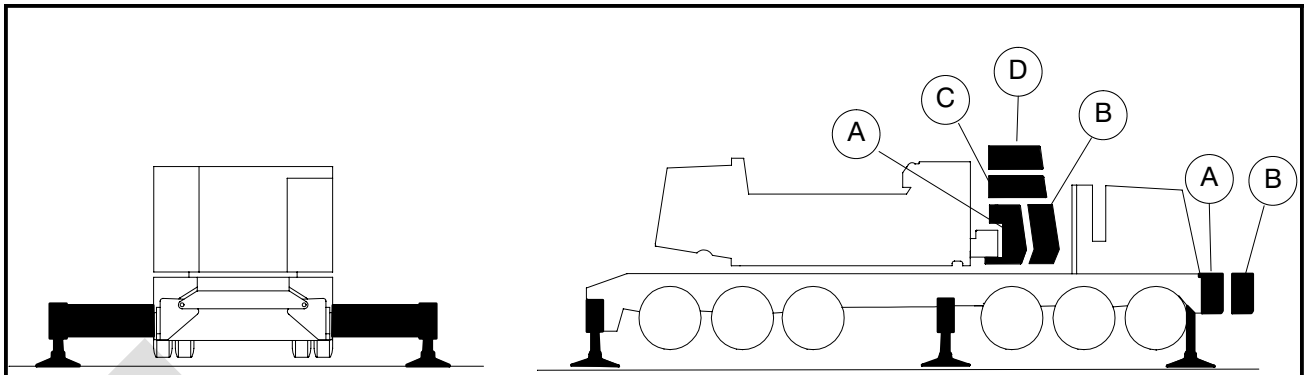
Note: Refer To Page 12 For "Capacity Deductions" Caused By Any Jib Attachment.



Main Boom Capacities - On Outriggers - 200 Ft Open Throat Tube Boom

Load Radius (ft)	Boom Angle (deg)	Counterweight Combinations - Upper + Bumper						Load Radius (ft)
		Over Rear						
		0+0	A+0	AB+0	ABCD+0	ABCD+A	ABCD+AB	
31	82.0	124,000	129,800	129,800	129,800	129,800	129,800	31
35	80.8	100,400	126,100	126,100	126,100	126,100	126,100	35
40	79.4	80,000	106,800	120,800	120,800	120,800	120,800	40
50	76.5	55,900	75,100	92,500	107,000	107,000	107,000	50
60	73.5	41,600	57,200	71,000	93,000	94,300	94,300	60
70	70.5	32,700	45,100	56,500	74,700	78,900	78,900	70
80	67.4	26,200	37,100	46,400	62,300	67,700	67,700	80
90	64.3	21,300	30,800	38,800	52,700	58,000	58,700	90
100	61.0	17,500	25,900	33,400	45,300	50,000	51,400	100
110	57.7	14,500	22,100	28,800	39,400	43,600	45,500	110
120	54.3	12,000	18,900	25,000	35,000	38,400	40,500	120
130	50.6	10,000	16,300	21,900	31,000	34,500	36,700	130
140	46.8	8,300	14,100	19,200	27,700	30,900	33,100	140
150	42.8	6,800	12,200	17,000	24,800	27,800	30,000	150
160	38.4	5,500	10,600	15,000	22,300	25,100	27,200	160
170	33.5	4,400	9,200	13,300	20,100	22,800	24,800	170
180	27.9	3,500	7,900	11,800	18,200	20,700	22,700	180
190	20.9	2,600	6,800	10,500	16,500	18,900	20,700	190
200	10.2		5,800	9,300	15,000	17,200	18,700	200

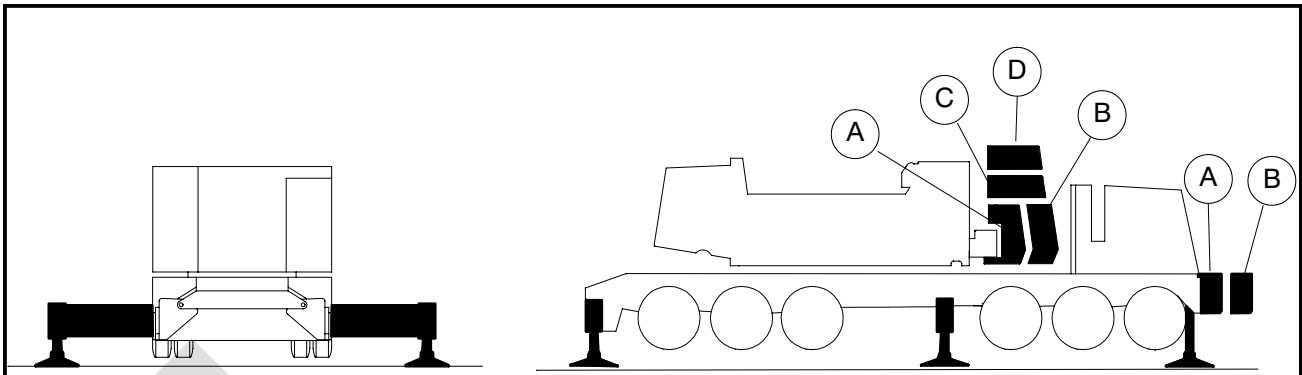
Note: Refer To Page 12 For "Capacity Deductions" Caused By Any Jib Attachment.



Main Boom Capacities - On Outriggers - 200 Ft Open Throat Tube Boom

Load Radius (ft)	Boom Angle (deg)	Counterweight Combinations - Upper + Bumper						Load Radius (ft)
		360° Rotation						
		0+0	A+0	AB+0	ABCD+0	ABCD+A	ABCD+AB	
31	82.0	104,100	129,800	129,800	129,800	129,800	129,800	31
35	80.8	83,500	115,700	126,100	126,100	126,100	126,100	35
40	79.4	66,700	93,000	116,200	120,800	120,800	120,800	40
50	76.5	45,700	65,400	82,400	107,000	107,000	107,000	50
60	73.5	34,100	49,100	62,900	85,000	87,500	90,800	60
70	70.5	26,100	38,500	49,900	68,500	70,600	73,400	70
80	67.4	20,500	31,500	40,700	56,600	58,400	60,700	80
90	64.3	16,300	25,900	34,300	47,800	49,300	51,300	90
100	61.0	13,100	21,600	29,100	40,900	42,300	44,100	100
110	57.7	10,500	18,200	24,900	35,900	37,100	38,300	110
120	54.3	8,500	15,400	21,500	31,500	32,600	34,000	120
130	50.6	6,700	13,000	18,600	27,800	28,800	30,100	130
140	46.8	5,300	11,100	16,200	24,700	25,600	26,800	140
150	42.8	4,000	9,400	14,200	22,000	22,900	24,000	150
160	38.4	3,000	8,000	12,400	19,700	20,500	21,600	160
170	33.5		6,700	10,900	17,700	18,500	19,500	170
180	27.9		5,600	9,500	16,000	16,700	17,600	180
190	20.9		4,600	8,300	14,400	15,100	16,000	190
200	10.2		3,700	7,300	13,000	13,600	14,500	200

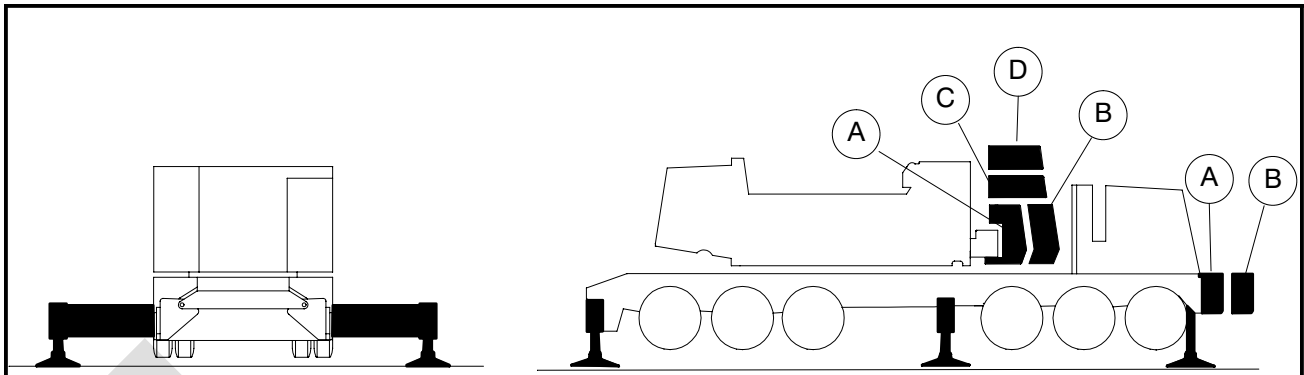
Note: Refer To Page 12 For "Capacity Deductions" Caused By Any Jib Attachment.



Main Boom Capacities - On Outriggers - 210 Ft Open Throat Tube Boom

Load Radius (ft)	Boom Angle (deg)	Counterweight Combinations - Upper + Bumper						Load Radius (ft)
		Over Rear						
		0+0	A+0	AB+0	ABCD+0	ABCD+A	ABCD+AB	
32.39	82.0	114,400	120,000	120,000	120,000	120,000	120,000	32.39
35	81.3	100,200	118,500	118,500	118,500	118,500	118,500	35
40	79.9	79,800	106,500	113,300	113,300	113,300	113,300	40
50	77.1	55,600	74,800	92,200	100,600	100,600	100,600	50
60	74.3	41,300	56,900	70,600	91,500	91,500	91,500	60
70	71.4	32,400	44,800	56,200	74,400	78,400	78,400	70
80	68.5	25,800	36,800	46,000	61,900	67,200	67,200	80
90	65.6	20,900	30,500	38,500	52,300	57,600	58,200	90
100	62.5	17,100	25,600	33,100	44,900	49,600	50,900	100
110	59.4	14,100	21,700	28,500	39,000	43,300	45,000	110
120	56.2	11,700	18,600	24,700	34,700	38,100	40,000	120
130	52.8	9,600	16,000	21,500	30,700	34,200	36,200	130
140	49.3	7,900	13,700	18,900	27,300	30,500	32,600	140
150	45.6	6,500	11,900	16,600	24,400	27,400	29,500	150
160	41.7	5,200	10,200	14,700	22,000	24,800	26,800	160
170	37.4	4,100	8,800	13,000	19,800	22,400	24,400	170
180	32.6	3,100	7,500	11,500	17,900	20,300	22,200	180
190	27.2	2,300	6,400	10,100	16,200	18,500	20,300	190
200	20.4		5,400	8,900	14,700	16,900	18,500	200
210	10.0		4,500	7,900	13,300	15,400	16,600	210

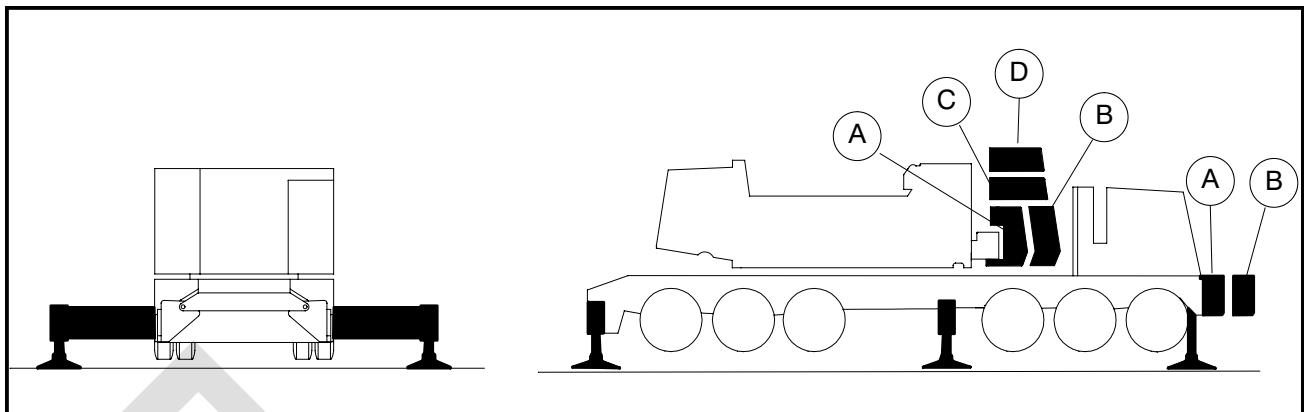
Note: Refer To Page 12 For "Capacity Deductions" Caused By Any Jib Attachment.



Main Boom Capacities - On Outriggers - 210 Ft Open Throat Tube Boom

Load Radius (ft)	Boom Angle (deg)	Counterweight Combinations - Upper + Bumper						Load Radius (ft)
		360° Rotation						
		0+0	A+0	AB+0	ABCD+0	ABCD+A	ABCD+AB	
32.39	82.0	95,800	120,000	120,000	120,000	120,000	120,000	32.39
35	81.3	83,300	115,500	118,500	118,500	118,500	118,500	35
40	79.9	66,400	92,700	113,300	113,300	113,300	113,300	40
50	77.1	45,500	65,200	82,100	100,600	100,600	100,600	50
60	74.3	33,800	48,800	62,600	84,700	87,200	90,500	60
70	71.4	25,800	38,200	49,600	68,200	70,300	73,000	70
80	68.5	20,200	31,100	40,400	56,300	58,000	60,400	80
90	65.6	16,000	25,600	34,000	47,400	48,900	51,000	90
100	62.5	12,800	21,200	28,700	40,600	41,900	43,700	100
110	59.4	10,200	17,800	24,500	35,600	36,800	38,000	110
120	56.2	8,100	15,000	21,100	31,100	32,200	33,700	120
130	52.8	6,400	12,700	18,300	27,400	28,400	29,800	130
140	49.3	4,900	10,700	15,900	24,300	25,200	26,500	140
150	45.6	3,700	9,100	13,800	21,700	22,500	23,700	150
160	41.7	2,600	7,600	12,100	19,400	20,200	21,200	160
170	37.4		6,400	10,500	17,400	18,100	19,100	170
180	32.6		5,300	9,200	15,600	16,300	17,300	180
190	27.2		4,300	8,000	14,000	14,700	15,600	190
200	20.4		3,400	6,900	12,600	13,300	14,100	200
210	10.0		2,600	5,900	11,400	12,000	12,800	210

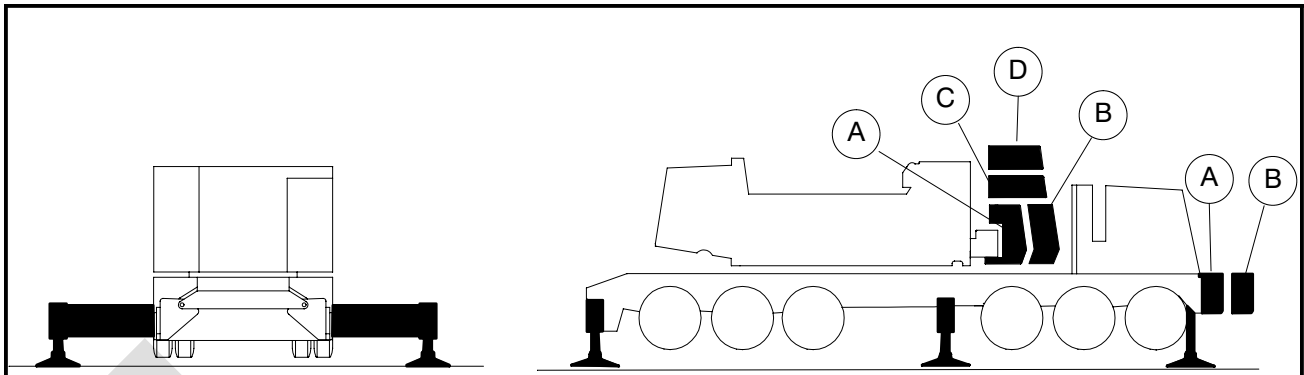
Note: Refer To Page 12 For "Capacity Deductions" Caused By Any Jib Attachment.



Main Boom Capacities - On Outriggers - 220 Ft Open Throat Tube Boom

Load Radius (ft)	Boom Angle (deg)	Counterweight Combinations Upper + Bumper						Load Radius (ft)
		Over Rear						
		0+0	A+0	AB+0	ABCD+0	ABCD+A	ABCD+AB	
33.79	82.0	PROHIBITED	105,600	105,600	105,600	105,600	105,600	33.79
35	81.7		105,600	105,600	105,600	105,600	105,600	35
40	80.4		103,700	103,700	103,700	103,700	103,700	40
50	77.7		74,500	91,900	94,600	94,600	94,600	50
60	75.0		56,600	70,300	86,000	86,000	86,000	60
70	72.3		44,500	55,900	73,100	73,100	73,100	70
80	69.6		36,500	45,700	61,600	64,900	64,900	80
90	66.8		30,200	38,100	52,000	57,300	57,600	90
100	63.9		25,300	32,800	44,600	49,300	50,400	100
110	60.9		21,400	28,100	38,700	42,900	44,500	110
120	57.9		18,200	24,300	34,300	37,700	39,500	120
130	54.8		15,600	21,200	30,300	33,800	34,600	130
140	51.5		13,400	18,500	27,000	30,200	31,200	140
150	48.1		11,500	16,300	24,100	27,100	28,200	150
160	44.5		9,900	14,300	21,600	24,400	25,500	160
170	40.7		8,400	12,600	19,400	22,000	23,100	170
180	36.5		7,200	11,100	17,500	20,000	20,900	180
190	31.9		6,100	9,800	15,800	18,100	19,000	190
200	26.5		5,100	8,600	14,300	16,500	17,200	200
210	19.9		4,200	7,500	13,000	15,000	15,600	210
220	9.7		3,400	6,600	11,700	13,700	14,200	220

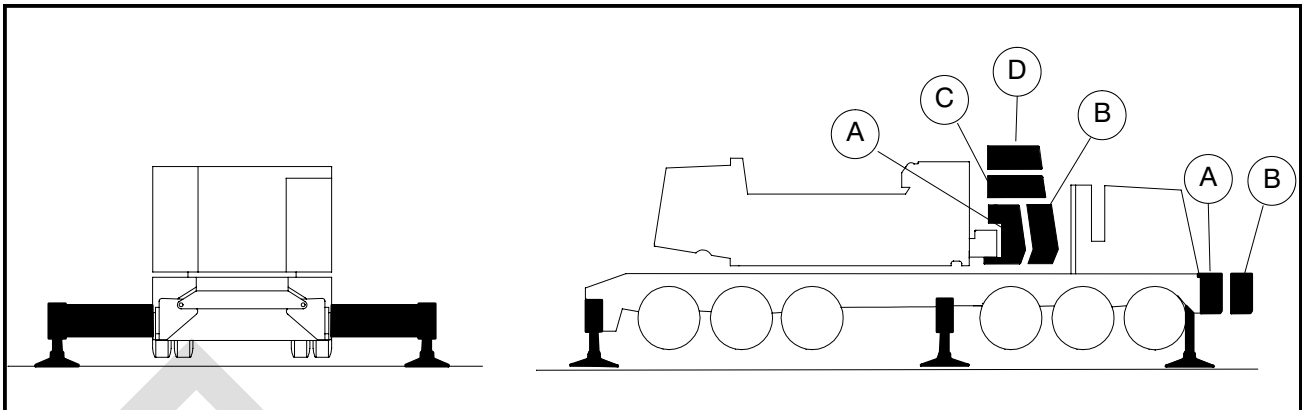
Note: Refer To Page 12 For "Capacity Deductions" Caused By Any Jib Attachment.



Main Boom Capacities - On Outriggers - 220 Ft Open Throat Tube Boom

Load Radius (ft)	Boom Angle (deg)	Counterweight Combinations - Upper + Bumper						Load Radius (ft)
		360° Rotation						
		0+0	A+0	AB+0	ABCD+0	ABCD+A	ABCD+AB	
33.79	82.0	PROHIBITED	105,600	105,600	105,600	105,600	105,600	33.79
35	81.7		105,600	105,600	105,600	105,600	105,600	35
40	80.4		92,500	103,700	103,700	103,700	103,700	40
50	77.7		64,900	81,800	94,600	94,600	94,600	50
60	75.0		48,500	62,300	84,300	86,000	86,000	60
70	72.3		37,900	49,200	67,900	69,900	72,700	70
80	69.6		30,800	40,000	55,900	57,700	60,000	80
90	66.8		25,200	33,700	47,000	48,600	50,600	90
100	63.9		20,900	28,400	40,200	41,500	43,400	100
110	60.9		17,500	24,200	35,200	36,400	37,600	110
120	57.9		14,700	20,800	30,800	31,900	33,300	120
130	54.8		12,300	17,900	27,100	28,100	29,400	130
140	51.5		10,400	15,500	24,000	24,900	26,100	140
150	48.1		8,700	13,500	21,300	22,200	23,300	150
160	44.5		7,300	11,700	19,000	19,800	20,900	160
170	40.7		6,000	10,200	17,000	17,700	18,800	170
180	36.5		4,900	8,800	15,200	15,900	16,900	180
190	31.9		3,900	7,600	13,700	14,300	15,200	190
200	26.5		3,000	6,500	12,300	12,900	13,800	200
210	19.9		2,200	5,600	11,000	11,600	12,400	210
220	9.7			4,700	9,900	10,500	11,200	220

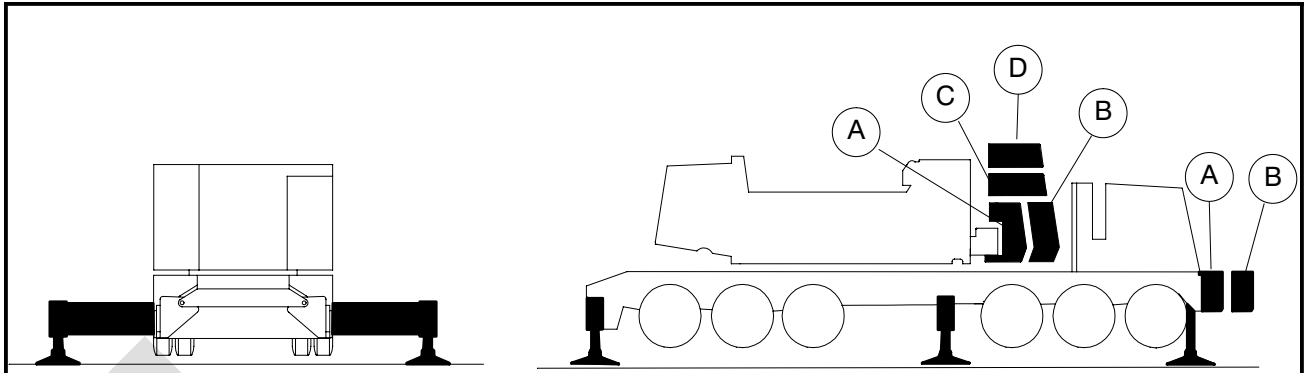
Note: Refer To Page 12 For "Capacity Deductions" Caused By Any Jib Attachment.



Main Boom Capacities - On Outriggers - 230 Ft Open Throat Tube Boom

Load Radius (ft)	Boom Angle (deg)	Counterweight Combinations - Upper + Bumper						Load Radius (ft)
		Over Rear						
		A+0	AB+0	ABCD+0	ABCD+A	ABCD+AB		
35.18	82.0	PROHIBITED	95,300	95,300	95,300	95,300	95,300	35.18
40	80.8		94,700	94,700	94,700	94,700	94,700	40
50	78.3		74,200	88,800	88,800	88,800	88,800	50
60	75.7		56,300	70,000	81,000	81,000	81,000	60
70	73.1		44,200	55,500	68,900	68,900	68,900	70
80	70.5		36,200	45,300	60,900	60,900	60,900	80
90	67.8		29,800	37,800	51,600	54,100	54,100	90
100	65.1		24,900	32,400	44,200	48,100	48,100	100
110	62.3		21,000	27,800	38,300	42,500	42,900	110
120	59.5		17,900	24,000	34,000	35,800	35,800	120
130	56.5		15,200	20,800	30,000	32,200	32,200	130
140	53.5		13,000	18,200	26,600	29,000	29,000	140
150	50.3		11,100	15,900	23,700	26,100	26,100	150
160	47.0		9,500	13,900	21,200	23,400	23,400	160
170	43.5		8,100	12,200	19,100	21,100	21,100	170
180	39.8		6,800	10,700	17,100	19,000	19,000	180
190	35.7		5,700	9,400	15,500	17,100	17,100	190
200	31.2		4,700	8,200	13,900	15,300	15,300	200
210	25.9		3,800	7,100	12,600	13,600	13,600	210
220	19.5		3,000	6,200	11,400	12,200	12,200	220
230	9.5		2,300	5,300	10,300	10,900	10,900	230

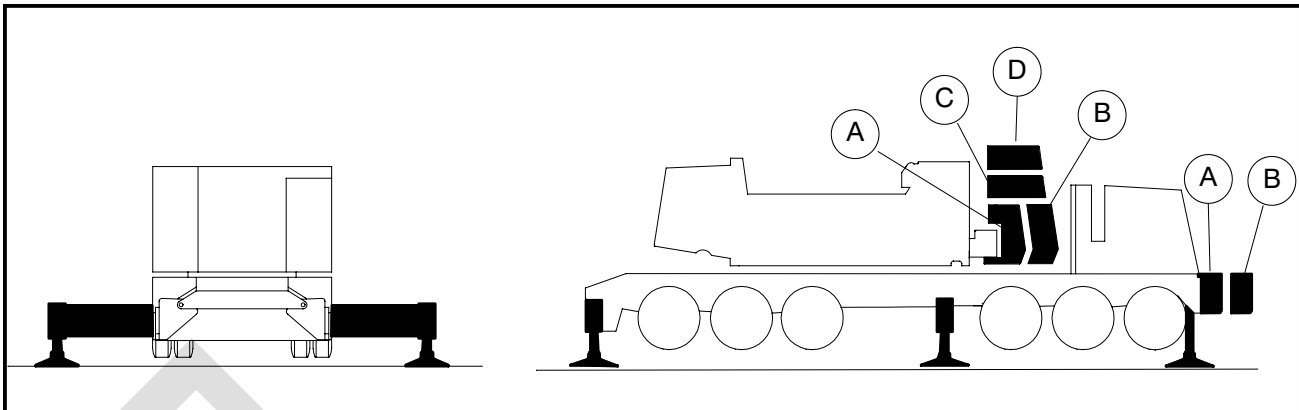
Note: Refer To Page 12 For "Capacity Deductions" Caused By Any Jib Attachment.



Main Boom Capacities - On Outriggers - 230 Ft Open Throat Tube Boom

Load Radius (ft)	Boom Angle (deg)	Counterweight Combinations - Upper + Bumper						Load Radius (ft)
		360° Rotation						
		0+0	A+0	AB+0	ABCD+0	ABCD+A	ABCD+AB	
35.18	82.0	PROHIBITED	95,300	95,300	95,300	95,300	95,300	35.18
40	80.8		92,200	94,700	94,700	94,700	94,700	40
50	78.3		64,600	81,500	88,800	88,800	88,800	50
60	75.7		48,200	62,000	81,000	81,000	81,000	60
70	73.1		37,500	48,900	67,600	68,900	68,900	70
80	70.5		30,500	39,700	55,600	57,300	59,700	80
90	67.8		24,900	33,400	46,700	48,200	50,300	90
100	65.1		20,600	28,100	39,800	41,200	43,000	100
110	62.3		17,100	23,800	34,900	36,100	37,200	110
120	59.5		14,300	20,400	30,400	31,500	33,000	120
130	56.5		12,000	17,600	26,700	27,700	29,100	130
140	53.5		10,000	15,200	23,600	24,500	25,800	140
150	50.3		8,300	13,100	20,900	21,800	23,000	150
160	47.0		6,900	11,300	18,600	19,400	20,500	160
170	43.5		5,600	9,800	16,600	17,400	18,400	170
180	39.8		4,500	8,400	14,900	15,600	16,500	180
190	35.7		3,500	7,200	13,300	14,000	14,900	190
200	31.2		2,700	6,200	11,900	12,500	13,400	200
210	25.9			5,200	10,600	11,200	12,100	210
220	19.5			4,300	9,500	10,100	10,900	220
230	9.5		3,600	8,500	9,000	9,800	230	

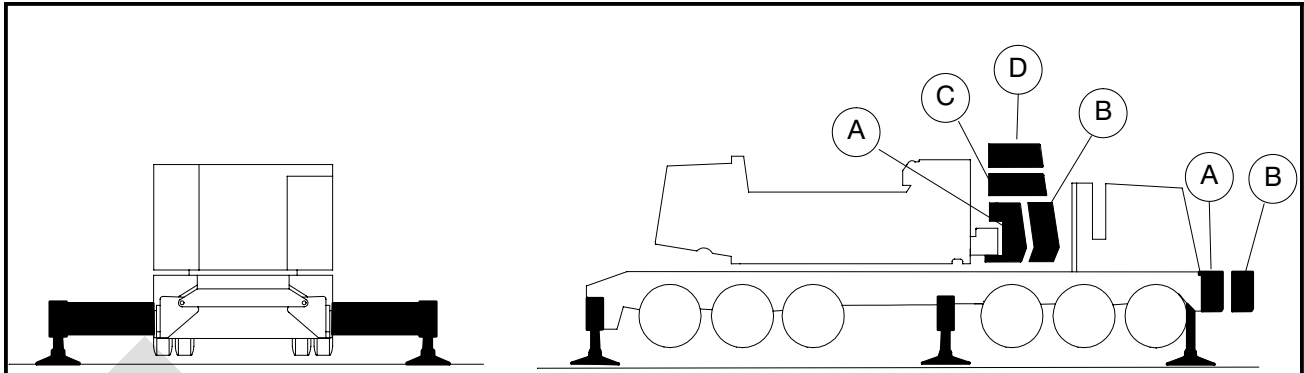
Note: Refer To Page 12 For "Capacity Deductions" Caused By Any Jib Attachment.



Main Boom Capacities - On Outriggers - 240 Ft Open Throat Tube Boom

Load Radius (ft)	Boom Angle (deg)	Counterweight Combinations Upper + Bumper						Load Radius (ft)
		Over Rear						
		0+0	A+0	AB+0	ABCD+0	ABCD+A	ABCD+AB	
36.57	82.0	PROHIBITED	81,900	81,900	81,900	81,900	81,900	36.57
40	81.2		81,900	81,900	81,900	81,900	81,900	40
50	78.7		73,900	81,900	81,900	81,900	81,900	50
60	76.3		55,900	69,700	76,100	76,100	76,100	60
70	73.8		43,800	55,200	64,600	64,600	64,600	70
80	71.3		35,800	45,000	57,200	57,200	57,200	80
90	68.8		29,500	37,400	50,700	50,700	50,700	90
100	66.2		24,600	32,100	43,800	45,000	45,000	100
110	63.6		20,700	27,400	37,900	39,800	39,800	110
120	60.9		17,500	23,600	33,100	33,100	33,100	120
130	58.1		14,900	20,500	29,500	29,500	29,500	130
140	55.2		12,700	17,800	26,200	26,300	26,300	140
150	52.3		10,800	15,500	23,400	23,500	23,500	150
160	49.2		9,100	13,600	20,900	21,000	21,000	160
170	46.0		7,700	11,900	18,700	18,700	18,700	170
180	42.5		6,400	10,400	16,700	16,700	16,700	180
190	38.9		5,300	9,000	14,800	14,800	14,800	190
200	34.9		4,300	7,800	13,100	13,100	13,100	200
210	30.5		3,400	6,800	11,600	11,600	11,600	210
220	25.4		2,600	5,800	10,200	10,200	10,200	220
230	19.1			4,900	8,900	8,900	8,900	230
240	9.3			4,100	7,800	7,800	7,800	240

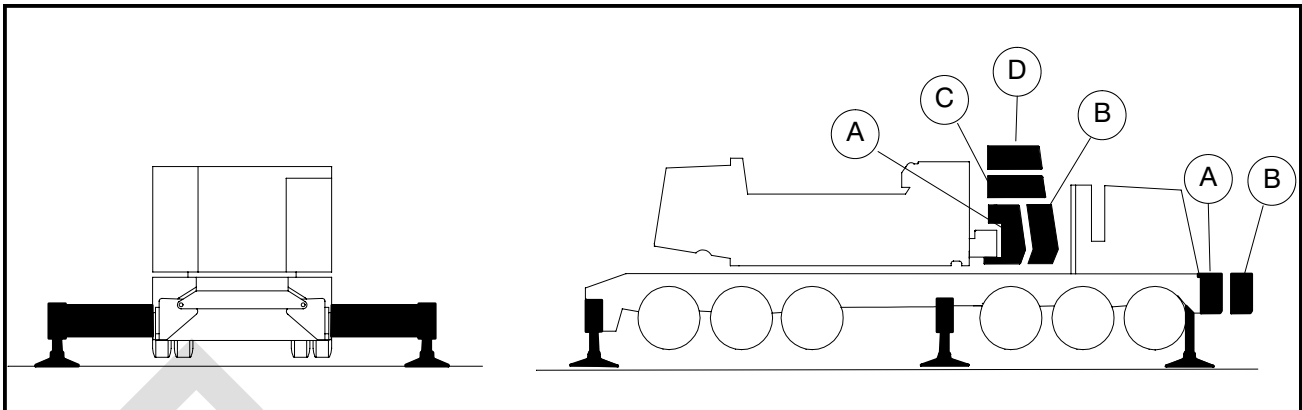
Note: Refer To Page 12 For "Capacity Deductions" Caused By Any Jib Attachment.



Main Boom Capacities - On Outriggers - 240 Ft Open Throat Tube Boom

Load Radius (ft)	Boom Angle (deg)	Counterweight Combinations - Upper + Bumper						Load Radius (ft)
		360° Rotation						
		0+0	A+0	AB+0	ABCD+0	ABCD+A	ABCD+AB	
36.57	82.0	PROHIBITED	81,900	81,900	81,900	81,900	81,900	36.57
40	81.2		81,900	81,900	81,900	81,900	81,900	40
50	78.7		64,300	81,200	81,900	81,900	81,900	50
60	76.3		47,900	61,700	76,100	76,100	76,100	60
70	73.8		37,200	48,600	64,600	64,600	64,600	70
80	71.3		30,200	39,300	55,200	57,000	57,200	80
90	68.8		24,600	33,000	46,300	47,800	49,900	90
100	66.2		20,200	27,700	39,500	40,800	42,600	100
110	63.6		16,800	23,500	34,500	35,700	36,800	110
120	60.9		14,000	20,100	30,100	31,200	32,600	120
130	58.1		11,600	17,200	26,400	27,400	28,700	130
140	55.2		9,700	14,800	23,200	24,200	25,400	140
150	52.3		8,000	12,800	20,600	21,400	22,600	150
160	49.2		6,500	11,000	18,300	19,100	20,100	160
170	46.0		5,300	9,400	16,300	17,000	18,000	170
180	42.5		4,100	8,100	14,500	15,200	16,100	180
190	38.9		3,200	6,900	12,900	13,600	14,500	190
200	34.9		2,300	5,800	11,500	12,200	13,000	200
210	30.5			4,800	10,300	10,900	11,600	210
220	25.4			4,000	9,100	9,700	10,200	220
230	19.1			3,200	8,100	8,700	8,900	230
240	9.3			2,500	7,200	7,700	7,800	240

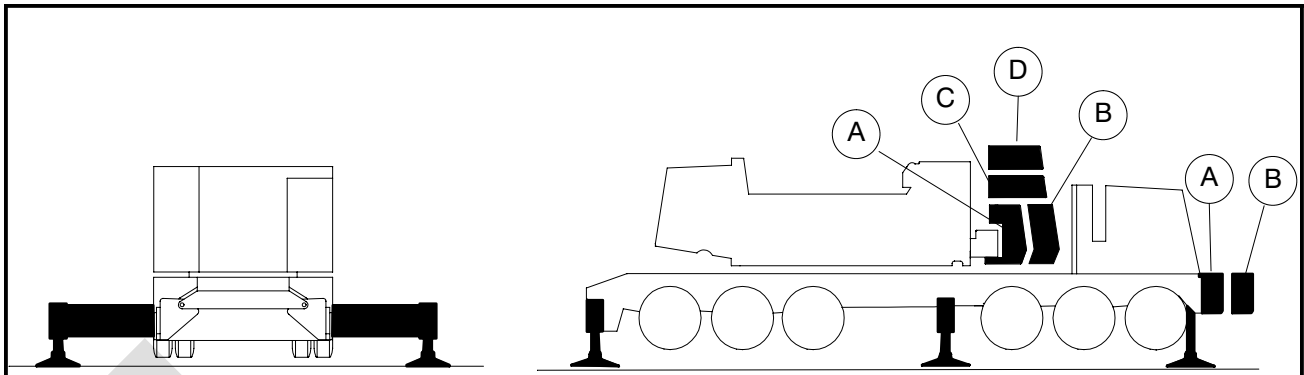
Note: Refer To Page 12 For "Capacity Deductions" Caused By Any Jib Attachment.



Main Boom Capacities - On Outriggers - 250 Ft Open Throat Tube Boom

Load Radius (ft)	Boom Angle (deg)	Counterweight Combinations - Upper + Bumper					Load Radius (ft)	
		Over Rear						
		0+0	A+0	AB+0	ABCD+0	ABCD+A		ABCD+AB
37.96	82.0	PROHIBITED		78,700	78,700	78,700	78,700	37.96
40	81.5			78,700	78,700	78,700	78,700	40
50	79.2			76,700	76,700	76,700	76,700	50
60	76.9			69,400	72,400	72,400	72,400	60
70	74.5			54,900	66,700	66,700	66,700	70
80	72.1			44,600	60,500	61,100	61,100	80
90	69.7			37,000	50,900	55,900	55,900	90
100	67.2			31,700	43,400	48,100	48,800	100
110	64.7			27,000	37,500	41,700	42,900	110
120	62.1			23,200	33,200	37,000	37,900	120
130	59.5			20,000	29,200	32,700	34,200	130
140	56.8			17,400	25,800	29,000	30,600	140
150	54.0			15,100	22,900	25,900	27,500	150
160	51.1			13,100	20,400	23,200	24,800	160
170	48.1			11,400	18,200	20,800	22,400	170
180	45.0			9,900	16,300	18,800	20,200	180
190	41.6			8,600	14,600	16,900	18,300	190
200	38.1			7,400	13,100	15,300	16,600	200
210	34.2			6,300	11,700	13,800	15,000	210
220	29.8			5,300	10,500	12,500	13,600	220
230	24.9		4,400	9,400	11,300	12,300	230	
240	18.7		3,700	8,400	10,200	11,100	240	
250	9.1		2,900	7,500	9,200	10,000	250	

Note: Refer To Page 12 For "Capacity Deductions" Caused By Any Jib Attachment.

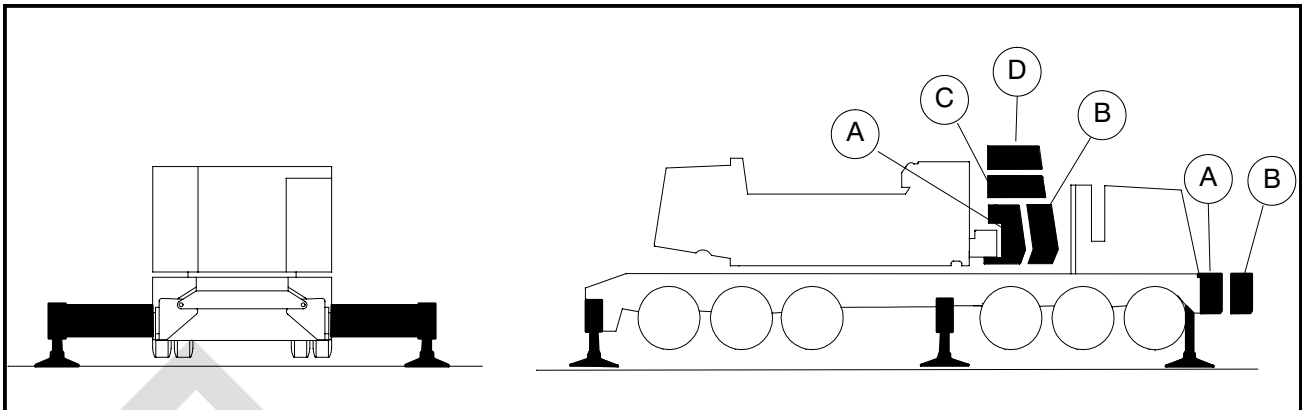


Main Boom Capacities - On Outriggers - 250 Ft Open Throat Tube Boom

Load Radius (ft)	Boom Angle (deg)	Counterweight Combinations - Upper + Bumper					Load Radius (ft)	
		360° Rotation						
		0+0	A+0	AB+0	ABCD+0	ABCD+A		ABCD+AB
37.96	82.0			78,700	78,700	78,700	78,700	37.96
40	81.5			78,700	78,700	78,700	78,700	40
50	79.2			76,700	76,700	76,700	76,700	50
60	76.9			61,400	72,400	72,400	72,400	60
70	74.5			48,200	66,700	66,700	66,700	70
80	72.1			39,000	54,900	56,600	59,000	80
90	69.7			32,600	45,900	47,500	49,500	90
100	67.2			27,300	39,000	40,400	42,200	100
110	64.7			23,100	34,100	35,300	36,900	110
120	62.1			19,600	29,600	30,700	32,200	120
130	59.5			16,800	25,900	26,900	28,300	130
140	56.8			14,400	22,800	23,700	25,000	140
150	54.0			12,300	20,100	21,000	22,100	150
160	51.1			10,500	17,800	18,600	19,700	160
170	48.1			9,000	15,800	16,600	17,600	170
180	45.0			7,600	14,000	14,700	15,700	180
190	41.6			6,400	12,500	13,100	14,000	190
200	38.1			5,300	11,000	11,700	12,500	200
210	34.2			4,300	9,800	10,400	11,200	210
220	29.8			3,500	8,700	9,200	10,000	220
230	24.9			2,700	7,600	8,200	8,900	230
240	18.7				6,700	7,200	7,900	240
250	9.1				5,800	6,300	7,000	250

PROHIBITED

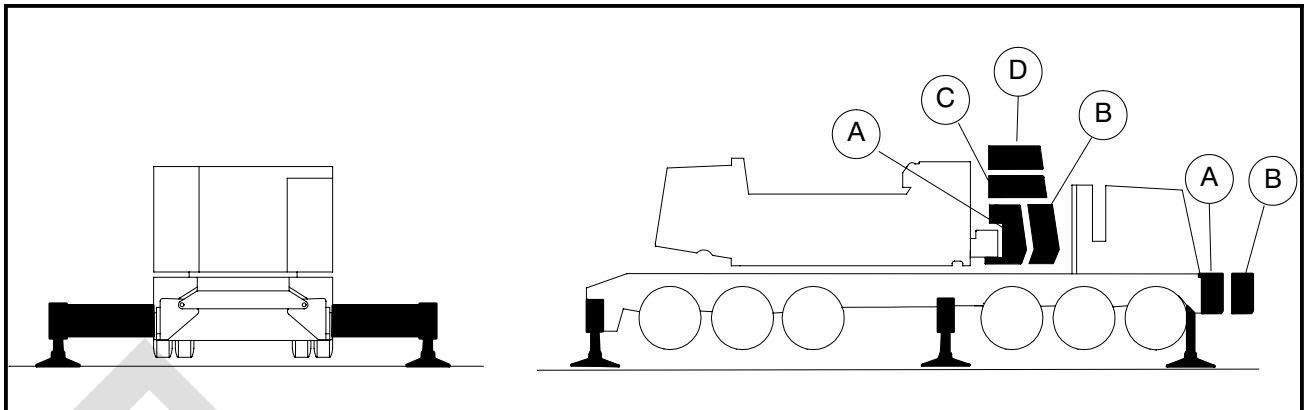
Note: Refer To Page 12 For "Capacity Deductions" Caused By Any Jib Attachment.



Main Boom Capacities - On Outriggers - 260 Ft Open Throat Tube Boom

Load Radius (ft)	Boom Angle (deg)	Counterweight Combinations - Upper + Bumper					Load Radius (ft)	
		Over Rear						
		0+0	A+0	AB+0	ABCD+0	ABCD+A		ABCD+AB
39.35	82.0	PROHIBITED		69,100	69,100	69,100	69,100	39.35
40	81.9			69,100	69,100	69,100	69,100	40
50	79.6			68,000	68,000	68,000	68,000	50
60	77.4			66,900	66,900	66,900	66,900	60
70	75.1			54,500	61,900	61,900	61,900	70
80	72.8			44,300	57,200	57,200	57,200	80
90	70.5			36,700	50,500	52,900	52,900	90
100	68.1			31,300	43,000	47,700	48,300	100
110	65.7			26,700	37,100	41,300	42,400	110
120	63.3			22,800	32,800	36,700	37,400	120
130	60.8			19,700	28,800	32,300	33,800	130
140	58.2			17,000	25,400	28,700	30,200	140
150	55.6			14,700	22,500	25,500	27,000	150
160	52.9			12,800	20,000	22,800	24,300	160
170	50.1			11,000	17,900	20,500	21,900	170
180	47.1			9,500	15,900	18,400	19,700	180
190	44.1			8,200	14,200	16,600	17,800	190
200	40.8			7,000	12,700	14,900	16,100	200
210	37.3			5,900	11,400	13,400	14,500	210
220	33.5			4,900	10,100	12,100	13,100	220
230	29.3		4,100	9,000	10,900	11,800	230	
240	24.4		3,300	8,000	9,800	10,600	240	
250	18.3		2,500	7,100	8,800	9,500	250	
260	9.0			6,200	7,900	8,600	260	

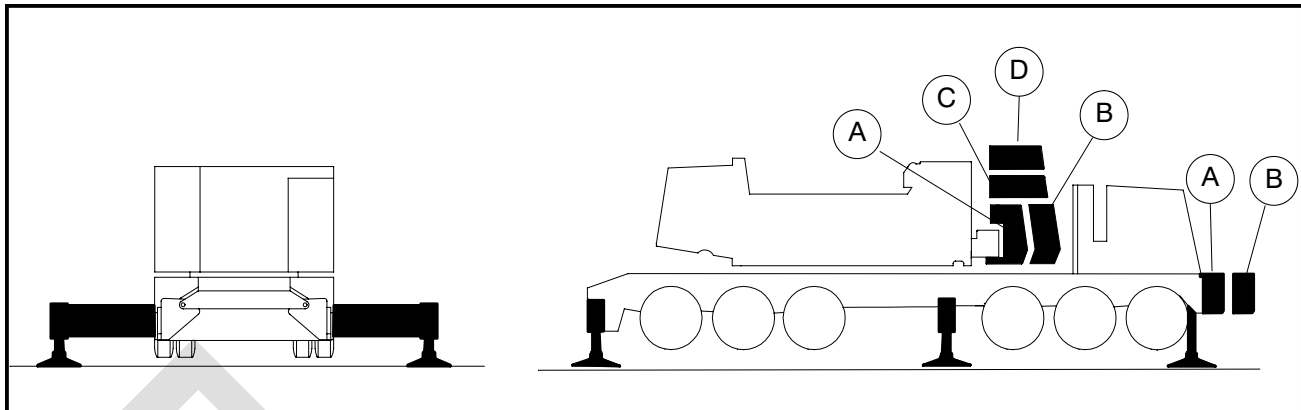
Note: Refer To Page 12 For "Capacity Deductions" Caused By Any Jib Attachment.



Main Boom Capacities - On Outriggers - 260 Ft Open Throat Tube Boom

Load Radius (ft)	Boom Angle (deg)	Counterweight Combinations - Upper + Bumper					Load Radius (ft)		
		360° Rotation							
		0+0	A+0	AB+0	ABCD+0	ABCD+A		ABCD+AB	
39.35	82.0	PROHIBITED		69,100	69,100	69,100	69,100	39.35	
40	81.9			69,100	69,100	69,100	69,100	40	
50	79.6				68,000	68,000	68,000	68,000	50
60	77.4				61,100	66,900	66,900	66,900	60
70	75.1				47,900	61,900	61,900	61,900	70
80	72.8				38,600	54,500	56,300	57,200	80
90	70.5				32,300	45,600	47,100	49,100	90
100	68.1				27,000	38,700	40,000	41,800	100
110	65.7				22,700	33,800	35,000	36,600	110
120	63.3				19,300	29,300	30,400	31,900	120
130	60.8				16,400	25,600	26,600	27,900	130
140	58.2				14,000	22,400	23,400	24,600	140
150	55.6				11,900	19,800	20,600	21,800	150
160	52.9				10,200	17,400	18,200	19,300	160
170	50.1				8,600	15,400	16,200	17,200	170
180	47.1				7,200	13,700	14,400	15,300	180
190	44.1				6,000	12,100	12,700	13,600	190
200	40.8				4,900	10,700	11,300	12,200	200
210	37.3				4,000	9,400	10,000	10,800	210
220	33.5				3,100	8,300	8,800	9,600	220
230	29.3				2,300	7,200	7,800	8,500	230
240	24.4					6,300	6,800	7,500	240
250	18.3					5,500	6,000	6,600	250
260	9.0					4,700	5,200	5,800	260

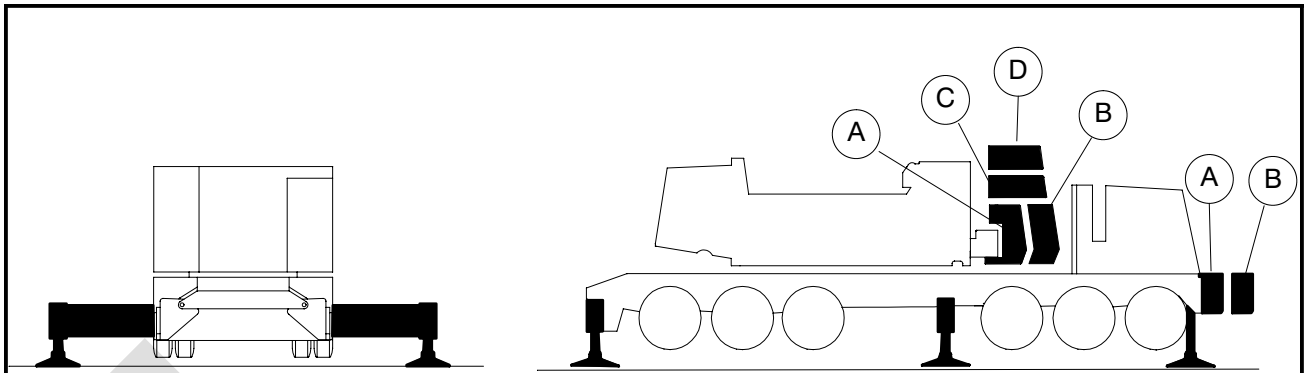
Note: Refer To Page 12 For "Capacity Deductions" Caused By Any Jib Attachment.



Main Boom Capacities - On Outriggers - 270 Ft Open Throat Tube Boom

Load Radius (ft)	Boom Angle (deg)	Counterweight Combinations - Upper + Bumper					Load Radius (ft)	
		Over Rear						
		0+0	A+0	AB+0	ABCD+0	ABCD+A		ABCD+AB
40.74	82.0	PROHIBITED		63,200	63,200	63,200	63,200	40.74
50	80.0			62,100	62,100	62,100	62,100	50
60	77.8			61,300	61,300	61,300	61,300	60
70	75.7			54,200	56,700	56,700	56,700	70
80	73.5			43,900	52,400	52,400	52,400	80
90	71.2			36,900	48,200	48,200	48,200	90
100	69.0			31,000	42,700	44,500	44,500	100
110	66.7			26,300	36,700	40,900	40,900	110
120	64.4			22,500	32,500	35,300	35,300	120
130	62.0			19,300	28,500	32,000	32,600	130
140	59.5			16,600	25,100	28,300	29,700	140
150	57.1			14,400	22,200	25,200	26,600	150
160	54.5			12,400	19,700	22,500	23,800	160
170	51.8			10,700	17,500	20,100	21,400	170
180	49.1			9,100	15,600	18,000	19,300	180
190	46.2			7,800	13,900	16,200	17,300	190
200	43.2			6,600	12,300	14,500	15,600	200
210	40.0			5,500	11,000	13,100	14,000	210
220	36.6			4,600	9,700	11,700	12,600	220
230	32.8			3,700	8,600	10,500	11,300	230
240	28.7			2,900	7,600	9,400	10,200	240
250	23.9			2,200	6,700	8,400	9,100	250
260	18.0				5,800	7,500	8,100	260
270	8.8				5,100	6,700	7,200	270

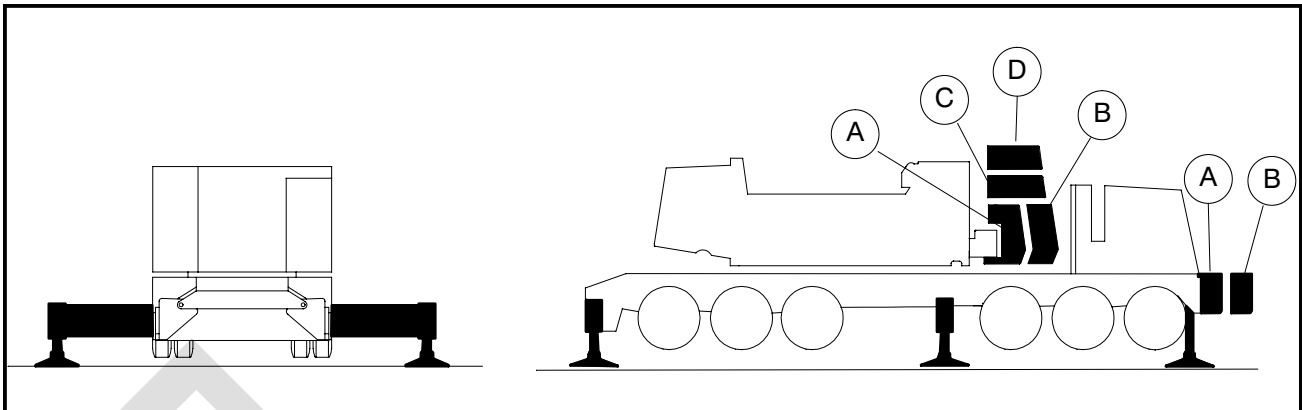
Note: Refer To Page 12 For "Capacity Deductions" Caused By Any Jib Attachment.



Main Boom Capacities - On Outriggers - 270 Ft Open Throat Tube Boom

Load Radius (ft)	Boom Angle (deg)	Counterweight Combinations - Upper + Bumper					Load Radius (ft)	
		360° Rotation						
		0+0	A+0	AB+0	ABCD+0	ABCD+A		ABCD+AB
40.74	82.0	PROHIBITED		63,200	63,200	63,200	63,200	40.74
50	80.0			62,100	62,100	62,100	62,100	50
60	77.8			60,800	61,300	61,300	61,300	60
70	75.7			47,600	56,700	56,700	56,700	70
80	73.5			38,300	52,400	52,400	52,400	80
90	71.2			32,000	45,200	46,700	48,200	90
100	69.0			26,600	38,300	39,600	41,500	100
110	66.7			22,400	33,400	34,600	36,200	110
120	64.4			18,900	28,900	30,000	31,500	120
130	62.0			16,100	25,200	26,200	27,600	130
140	59.5			13,600	22,100	23,000	24,200	140
150	57.1			11,600	19,400	20,200	21,400	150
160	54.5			9,800	17,100	17,900	19,000	160
170	51.8			8,200	15,100	15,800	16,800	170
180	49.1			6,900	13,300	14,000	14,900	180
190	46.2			5,600	11,700	12,400	13,300	190
200	43.2			4,600	10,300	10,900	11,800	200
210	40.0			3,600	9,000	9,600	10,400	210
220	36.6			2,700	7,900	8,500	9,200	220
230	32.8				6,900	7,400	8,100	230
240	28.7			5,900	6,400	7,100	240	
250	23.9			5,100	5,600	6,200	250	
260	18.0			4,300	4,800	5,400	260	
270	8.8			3,600	4,000	4,700	270	

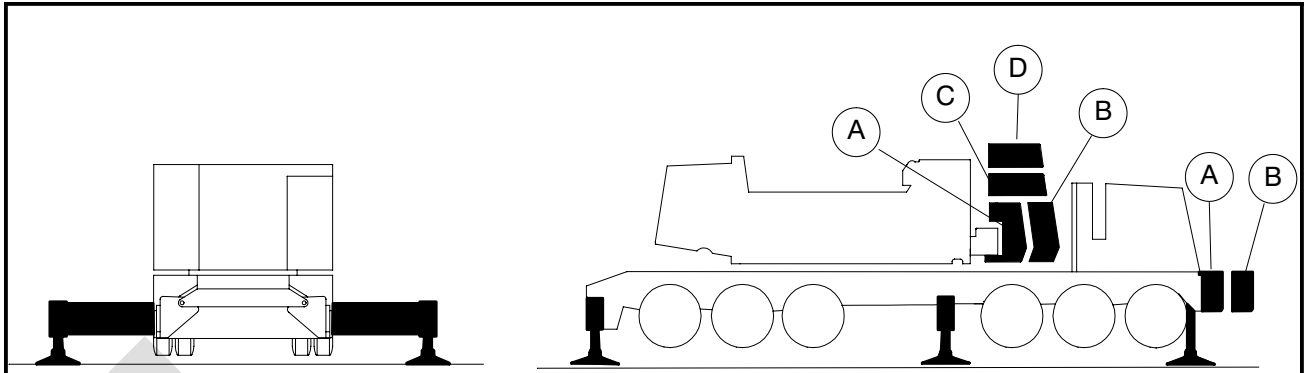
Note: Refer To Page 12 For "Capacity Deductions" Caused By Any Jib Attachment.



Main Boom Capacities - On Outriggers - 280 Ft Open Throat Tube Boom

Load Radius (ft)	Boom Angle (deg)	Counterweight Combinations - Upper + Bumper						Load Radius (ft)	
		Over Rear							
		0+0	A+0	AB+0	ABCD+0	ABCD+A	ABCD+AB		
42.14	82.0				57,800	57,800	57,800	42.14	
50	80.4				57,100	57,100	57,100	50	
60	78.3				56,000	56,000	56,000	60	
70	76.2				52,000	52,000	52,000	70	
80	74.1				48,100	48,100	48,100	80	
90	71.9				44,200	44,200	44,200	90	
100	69.8				40,600	40,600	40,600	100	
110	67.6				35,000	35,000	35,000	110	
120	65.3				32,100	32,400	32,400	120	
130	63.1				28,100	29,900	29,900	130	
140	60.7				24,700	27,700	27,700	140	
150	58.4				21,800	24,800	25,600	150	
160	55.9	PROHIBITED				19,300	22,100	23,300	160
170	53.4					17,100	19,700	20,900	170
180	50.8					15,200	17,600	18,800	180
190	48.1					13,500	15,800	16,900	190
200	45.3					11,900	14,100	15,100	200
210	42.4					10,600	12,700	13,600	210
220	39.2					9,300	11,300	12,100	220
230	35.9					8,200	10,100	10,900	230
240	32.2					7,200	9,000	9,700	240
250	28.2					6,300	8,000	8,600	250
260	23.5		5,400	7,100	7,600	260			
270	17.6		4,700	6,300	6,700	270			
280	8.6		4,000	5,500	5,800	280			

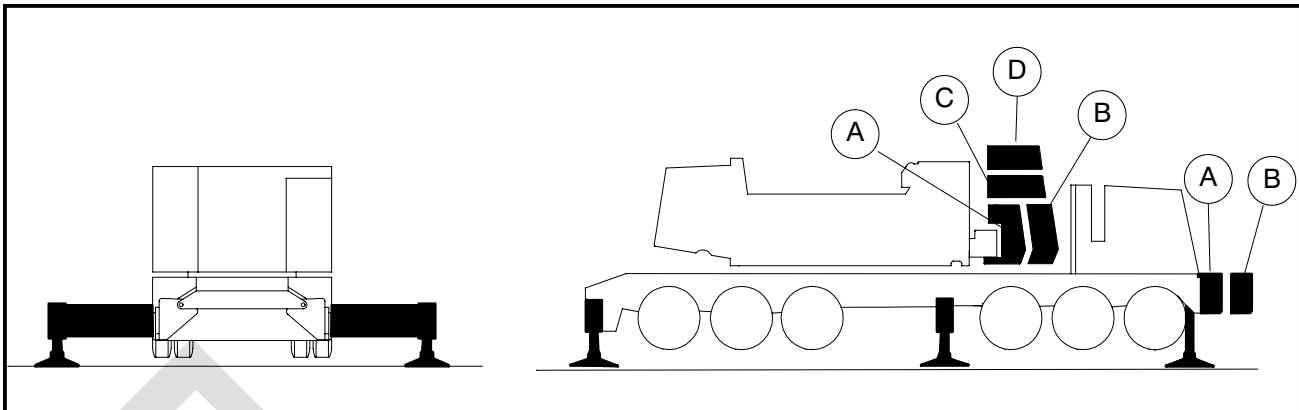
Note: Refer To Page 12 For "Capacity Deductions" Caused By Any Jib Attachment.



Main Boom Capacities - On Outriggers - 280 Ft Open Throat Tube Boom

Load Radius (ft)	Boom Angle (deg)	Counterweight Combinations - Upper + Bumper						Load Radius (ft)
		360° Rotation						
		0+0	A+0	AB+0	ABCD+0	ABCD+A	ABCD+AB	
42.14	82.0				57,800	57,800	57,800	42.14
50	80.4				57,100	57,100	57,100	50
60	78.3				56,000	56,000	56,000	60
70	76.2				52,000	52,000	52,000	70
80	74.1				48,100	48,100	48,100	80
90	71.9				44,200	44,200	44,200	90
100	69.8				37,900	39,300	40,600	100
110	67.6				33,000	34,300	35,000	110
120	65.3				28,600	29,700	31,100	120
130	63.1				24,800	25,800	27,200	130
140	60.7				21,700	22,600	23,900	140
150	58.4				19,000	19,900	21,000	150
160	55.9	PROHIBITED			16,700	17,500	18,600	160
170	53.4				14,700	15,400	16,400	170
180	50.8				12,900	13,600	14,600	180
190	48.1				11,300	12,000	12,900	190
200	45.3				9,900	10,500	11,400	200
210	42.4				8,600	9,200	10,000	210
220	39.2				7,500	8,100	8,800	220
230	35.9				6,500	7,000	7,700	230
240	32.2				5,500	6,100	6,800	240
250	28.2				4,700	5,200	5,800	250
260	23.5	3,900	4,400	5,000	260			
270	17.6	3,200	3,600	4,300	270			
280	8.6	2,500	3,000	3,600	280			

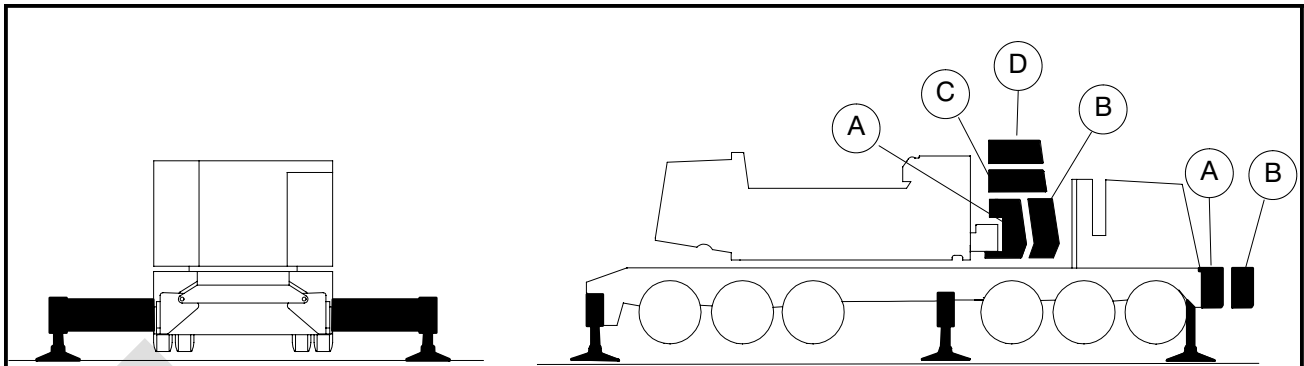
Note: Refer To Page 12 For "Capacity Deductions" Caused By Any Jib Attachment.



Main Boom Capacities - On Outriggers - 290 Ft Open Throat Tube Boom

Load Radius (ft)	Boom Angle (deg)	Counterweight Combinations - Upper + Bumper					Load Radius (ft)	
		Over Rear						
		0+0	A+0	AB+0	ABCD+0	ABCD+A		ABCD+AB
43.53	82.0				53,200	53,200	53,200	43.53
50	80.7				52,500	52,500	52,500	50
60	78.7				51,500	51,500	51,500	60
70	76.7				47,700	47,700	47,700	70
80	74.6				44,100	44,100	44,100	80
90	72.6				40,500	40,500	40,500	90
100	70.5				34,700	34,700	34,700	100
110	68.4				32,100	32,100	32,100	110
120	66.2				29,700	29,700	29,700	120
130	64.1				27,400	27,400	27,400	130
140	61.8				24,300	25,400	25,400	140
150	59.6				21,400	23,500	23,500	150
160	57.3	PROHIBITED			18,900	21,700	21,800	160
170	54.9				16,700	19,300	20,200	170
180	52.4				14,800	17,300	18,300	180
190	49.9				13,100	15,400	16,400	190
200	47.3				11,600	13,800	14,600	200
210	44.5				10,200	12,300	13,100	210
220	41.6				9,000	10,900	11,700	220
230	38.5				7,800	9,700	10,400	230
240	35.2				6,800	8,600	9,200	240
250	31.7				5,900	7,600	8,100	250
260	27.7	5,000	6,700	7,100	260			
270	23.1	4,300	5,900	6,200	270			
280	17.3	3,600	5,100	5,300	280			
290	8.5	2,900	4,400	4,600	290			

Note: Refer To Page 12 For "Capacity Deductions" Caused By Any Jib Attachment.

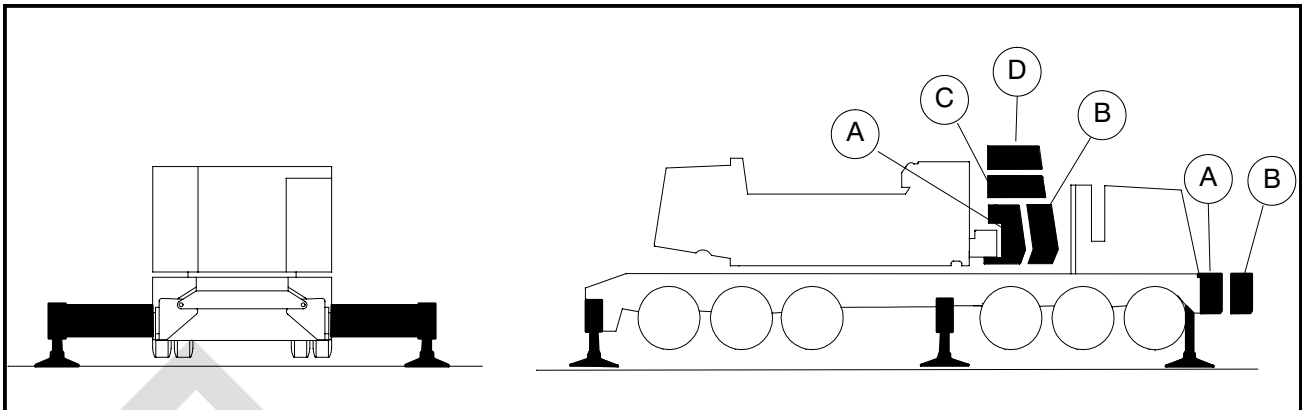


Main Boom Capacities - On Outriggers - 290 Ft Open Throat Tube Boom

Load Radius (ft)	Boom Angle (deg)	Counterweight Combinations - Upper + Bumper					Load Radius (ft)	
		360° Rotation						
		0+0	A+0	AB+0	ABCD+0	ABCD+A		ABCD+AB
43.53	82.0				53,200	53,200	53,200	43.53
50	80.7				52,500	52,500	52,500	50
60	78.7				51,500	51,500	51,500	60
70	76.7				47,700	47,700	47,700	70
80	74.6				44,100	44,100	44,100	80
90	72.6				40,500	40,500	40,500	90
100	70.5				34,700	34,700	34,700	100
110	68.4				32,100	32,100	32,100	110
120	66.2				28,200	29,300	29,700	120
130	64.1				24,500	25,500	26,800	130
140	61.8				21,300	22,300	23,500	140
150	59.6				18,600	19,500	20,700	150
160	57.3				16,300	17,100	18,200	160
170	54.9				14,300	15,000	16,100	170
180	52.4				12,500	13,200	14,200	180
190	49.9				10,900	11,600	12,500	190
200	47.3				9,500	10,200	11,000	200
210	44.5				8,300	8,900	9,700	210
220	41.6				7,100	7,700	8,500	220
230	38.5				6,100	6,600	7,400	230
240	35.2				5,100	5,700	6,400	240
250	31.7				4,300	4,800	5,500	250
260	27.7				3,500	4,000	4,600	260
270	23.1				2,800	3,200	3,900	270
280	17.3				2,100	2,600	3,200	280
290	8.5						2,500	290

PROHIBITED

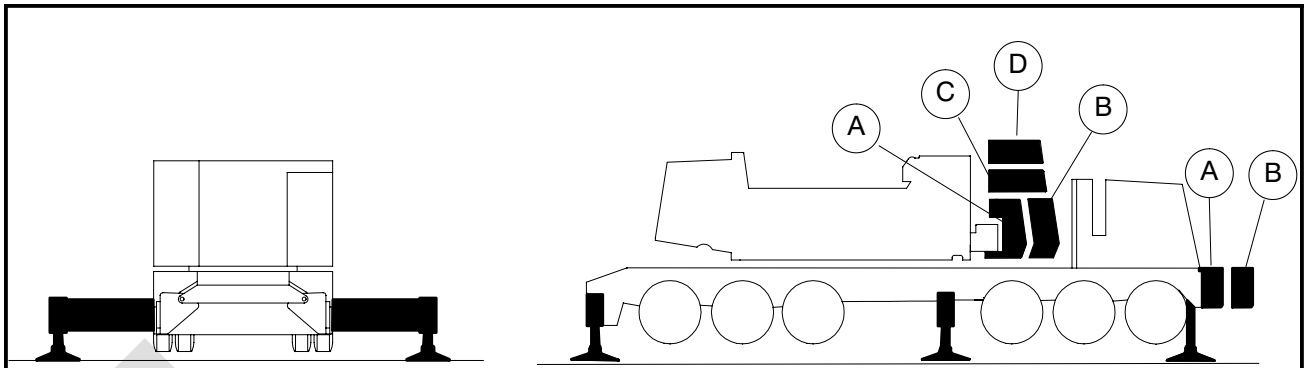
Note: Refer To Page 12 For "Capacity Deductions" Caused By Any Jib Attachment.



Main Boom Capacities - On Outriggers - 300 Ft Open Throat Tube Boom

Load Radius (ft)	Boom Angle (deg)	Counterweight Combinations - Upper + Bumper						Load Radius (ft)
		Over Rear						
		0+0	A+0	AB+0	ABCD+0	ABCD+A	ABCD+AB	
44.92	82.0				49,000	49,000	49,000	44.92
50	81.0				48,400	48,400	48,400	50
60	79.1				47,500	47,500	47,500	60
70	77.1				43,900	43,900	43,900	70
80	75.2				40,300	40,300	40,300	80
90	73.2				34,300	34,300	34,300	90
100	71.2				31,700	31,700	31,700	100
110	69.1				29,300	29,300	29,300	110
120	67.1				27,100	27,100	27,100	120
130	65.0				25,100	25,100	25,100	130
140	62.9				23,200	23,200	23,200	140
150	60.7				21,000	21,500	21,500	150
160	58.5	PROHIBITED			18,500	19,800	19,800	160
170	56.2				16,300	18,500	18,500	170
180	53.9				14,400	16,900	17,200	180
190	51.5				12,700	15,000	15,900	190
200	49.0				11,200	13,400	14,200	200
210	46.4				9,800	11,900	12,600	210
220	43.7				8,600	10,600	11,200	220
230	40.9				7,400	9,300	9,900	230
240	37.9				6,400	8,200	8,700	240
250	34.6				5,500	7,200	7,600	250
260	31.1	4,600	6,300	6,600	260			
270	27.2	3,900	5,500	5,700	270			
280	22.7	3,100	4,700	4,800	280			
290	17.0	2,500	4,000	4,100	290			
300	8.3				3,300	3,300	300	

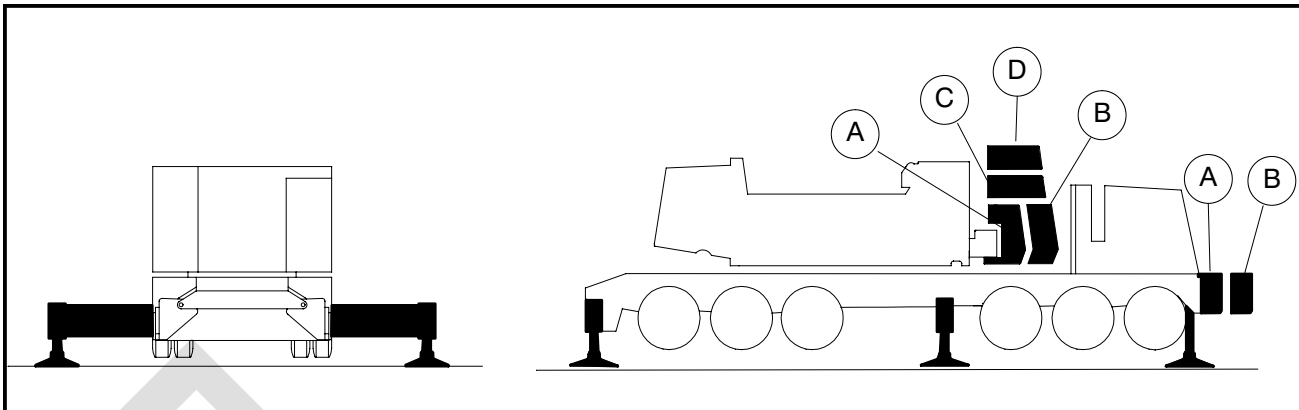
Note: Refer To Page 12 For "Capacity Deductions" Caused By Any Jib Attachment.



Main Boom Capacities - On Outriggers - 300 Ft Open Throat Tube Boom

Load Radius (ft)	Boom Angle (deg)	Counterweight Combinations - Upper + Bumper					Load Radius (ft)		
		360° Rotation							
		0+0	A+0	AB+0	ABCD+0	ABCD+A		ABCD+AB	
44.92	82.0				49,000	49,000	49,000	44.92	
50	81.0				48,400	48,400	48,400	50	
60	79.1				47,500	47,500	47,500	60	
70	77.1				43,900	43,900	43,900	70	
80	75.2				40,300	40,300	40,300	80	
90	73.2				34,300	34,300	34,300	90	
100	71.2				31,700	31,700	31,700	100	
110	69.1				29,300	29,300	29,300	110	
120	67.1				27,100	27,100	27,100	120	
130	65.0				24,100	25,100	25,100	130	
140	62.9				21,000	21,900	23,100	140	
150	60.7				18,300	19,100	20,300	150	
160	58.5				15,900	16,700	17,800	160	
170	56.2	PROHIBITED				13,900	14,700	15,700	170
180	53.9					12,100	12,800	13,800	180
190	51.5					10,500	11,200	12,100	190
200	49.0					9,100	9,800	10,600	200
210	46.4					7,900	8,500	9,300	210
220	43.7					6,700	7,300	8,100	220
230	40.9					5,700	6,200	7,000	230
240	37.9					4,700	5,300	6,000	240
250	34.6					3,900	4,400	5,100	250
260	31.1					3,100	3,600	4,200	260
270	27.2		2,400	2,800	3,500	270			
280	22.7			2,200	2,800	280			
290	17.0				2,100	290			
300	8.3					300			

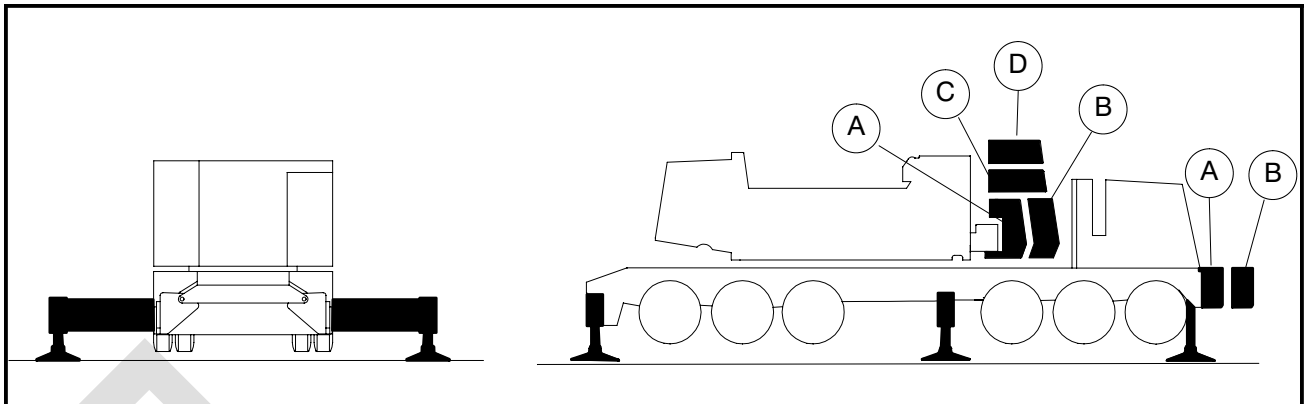
Note: Refer To Page 12 For "Capacity Deductions" Caused By Any Jib Attachment.



Main Boom Capacities - On Outriggers - 310 Ft Open Throat Tube Boom

Load Radius (ft)	Boom Angle (deg)	Counterweight Combinations - Upper + Bumper						Load Radius (ft)
		Over Rear						
		0+0	A+0	AB+0	ABCD+0	ABCD+A	ABCD+AB	
46.31	82.0				45,100	45,100	45,100	46.31
50	81.3				44,800	44,800	44,800	50
60	79.4				43,700	43,700	43,700	60
70	77.5				40,400	40,400	40,400	70
80	75.6				34,400	34,400	34,400	80
90	73.7				31,600	31,600	31,600	90
100	71.8				29,200	29,200	29,200	100
110	69.8				27,000	27,000	27,000	110
120	67.9				25,000	25,000	25,000	120
130	65.8				22,900	22,900	22,900	130
140	63.8				21,200	21,200	21,200	140
150	61.7				19,600	19,600	19,600	150
160	59.6				18,100	18,100	18,100	160
170	57.4	PROHIBITED			16,000	16,900	16,900	170
180	55.2				14,000	15,600	15,600	180
190	52.9				12,300	14,600	14,600	190
200	50.6				10,800	13,000	13,600	200
210	48.1				9,400	11,500	12,100	210
220	45.6				8,200	10,200	10,700	220
230	43.0				7,100	8,900	9,400	230
240	40.2				6,000	7,800	8,200	240
250	37.2				5,100	6,800	7,100	250
260	34.1				4,200	5,900	6,100	260
270	30.6	3,500	5,100	5,200	270			
280	26.7	2,700	4,300	4,300	280			
290	22.3	2,100	3,600	3,600	290			
300	16.8		2,800	2,800	300			
310	8.2		2,200	2,200	310			

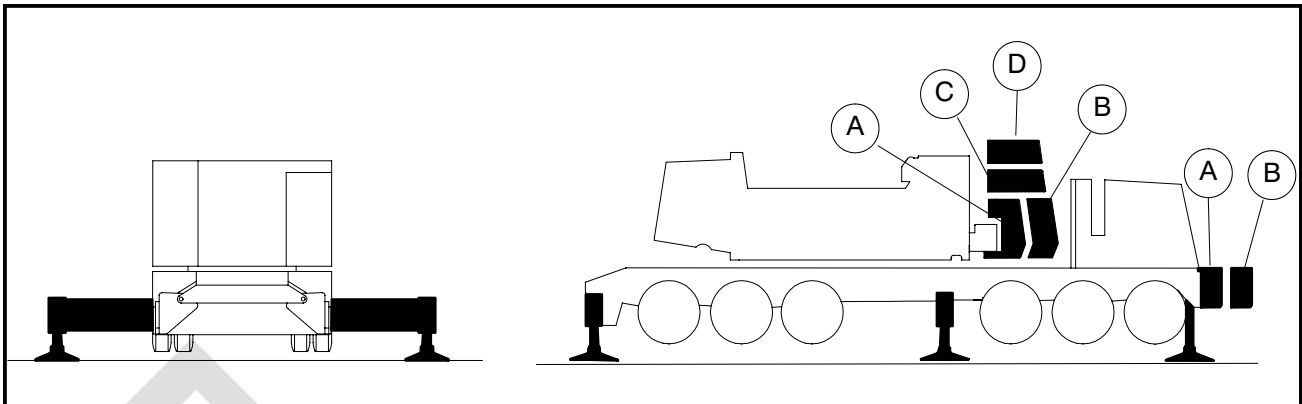
Note: Refer To Page 12 For "Capacity Deductions" Caused By Any Jib Attachment.



Main Boom Capacities - On Outriggers - 310 Ft Open Throat Tube Boom

Load Radius (ft)	Boom Angle (deg)	Counterweight Combinations - Upper + Bumper						Load Radius (ft)
		360° Rotation						
		0+0	A+0	AB+0	ABCD+0	ABCD+A	ABCD+AB	
46.31	82.0				45,100	45,100	45,100	46.31
50	81.3				44,800	44,800	44,800	50
60	79.4				43,700	43,700	43,700	60
70	77.5				40,400	40,400	40,400	70
80	75.6				34,400	34,400	34,400	80
90	73.7				31,600	31,600	31,600	90
100	71.8				29,200	29,200	29,200	100
110	69.8				27,000	27,000	27,000	110
120	67.9				25,000	25,000	25,000	120
130	65.8				22,900	22,900	22,900	130
140	63.8				20,600	21,200	21,200	140
150	61.7				17,900	18,700	19,600	150
160	59.6				15,600	16,400	17,400	160
170	57.4	PROHIBITED			13,500	14,300	15,300	170
180	55.2				11,700	12,400	13,400	180
190	52.9				10,200	10,800	11,700	190
200	50.6				8,700	9,400	10,200	200
210	48.1				7,500	8,100	8,900	210
220	45.6				6,300	6,900	7,700	220
230	43.0				5,300	5,800	6,600	230
240	40.2				4,300	4,900	5,600	240
250	37.2				3,500	4,000	4,700	250
260	34.1				2,700	3,200	3,800	260
270	30.6		2,400	3,100	270			
280	26.7			2,300	280			
290	22.3				290			
300	16.8				300			
310	8.2				310			

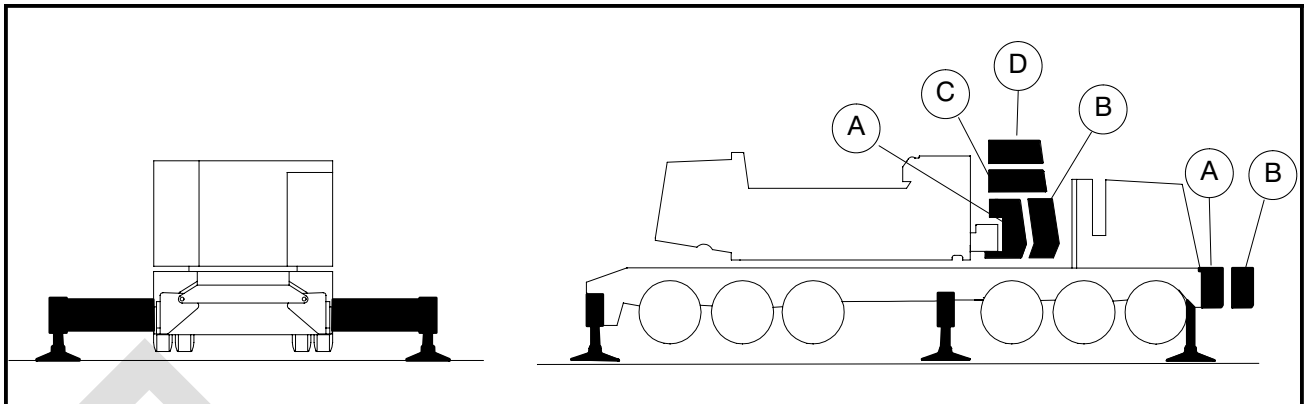
Note: Refer To Page 12 For "Capacity Deductions" Caused By Any Jib Attachment.



Main Boom Capacities - On Outriggers - 320 Ft Open Throat Tube Boom

Load Radius (ft)	Boom Angle (deg)	Counterweight Combinations - Upper + Bumper					Load Radius (ft)		
		Over Rear							
		0+0	A+0	AB+0	ABCD+0	ABCD+A		ABCD+AB	
47.7	82.0					40,700	40,700	47.7	
50	81.6					40,400	40,400	50	
60	79.8					35,900	35,900	60	
70	77.9					33,200	33,200	70	
80	76.1					30,700	30,700	80	
90	74.3					28,400	28,400	90	
100	72.4					26,100	26,100	100	
110	70.5					24,100	24,100	110	
120	68.6					22,300	22,300	120	
130	66.6					20,500	20,500	130	
140	64.7					19,000	19,000	140	
150	62.7					17,500	17,500	150	
160	60.7					16,200	16,200	160	
170	58.6					15,100	15,100	170	
180	56.5	PROHIBITED					14,000	14,000	180
190	54.3					13,100	13,100	190	
200	52.0					12,100	12,100	200	
210	49.7					11,100	11,300	210	
220	47.3					9,800	10,200	220	
230	44.9					8,600	8,900	230	
240	42.3					7,400	7,700	240	
250	39.5					6,400	6,600	250	
260	36.6					5,500	5,600	260	
270	33.5					4,700	4,700	270	
280	30.1					3,900	3,900	280	
290	26.3					3,100	3,100	290	
300	21.9					2,300	2,300	300	
310	16.5							310	
320	8.1							320	

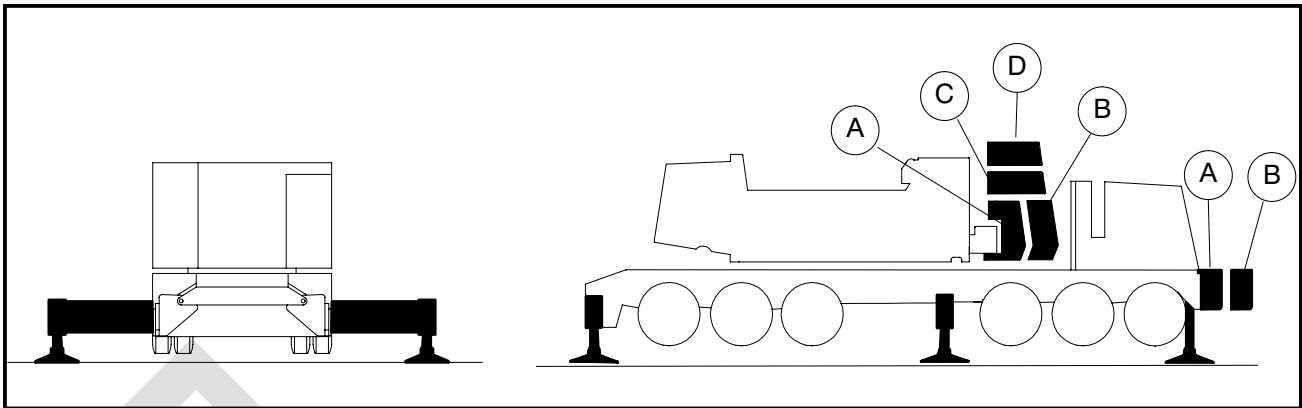
Note: Refer To Page 12 For "Capacity Deductions" Caused By Any Jib Attachment.



Main Boom Capacities - On Outriggers - 320 Ft Open Throat Tube Boom

Load Radius (ft)	Boom Angle (deg)	Counterweight Combinations - Upper + Bumper					Load Radius (ft)		
		360° Rotation							
		0+0	A+0	AB+0	ABCD+0	ABCD+A		ABCD+AB	
47.7	82.0					40,700	40,700	47.7	
50	81.6					40,400	40,400	50	
60	79.8					35,900	35,900	60	
70	77.9					33,200	33,200	70	
80	76.1					30,700	30,700	80	
90	74.3					28,400	28,400	90	
100	72.4					26,100	26,100	100	
110	70.5					24,100	24,100	110	
120	68.6					22,300	22,300	120	
130	66.6					20,500	20,500	130	
140	64.7					19,000	19,000	140	
150	62.7					17,500	17,500	150	
160	60.7					16,000	16,200	160	
170	58.6					13,900	14,900	170	
180	56.5	PROHIBITED					12,100	13,000	180
190	54.3					10,400	11,300	190	
200	52.0					9,000	9,800	200	
210	49.7					7,700	8,500	210	
220	47.3					6,500	7,300	220	
230	44.9					5,400	6,200	230	
240	42.3					4,500	5,200	240	
250	39.5					3,600	4,300	250	
260	36.6					2,800	3,400	260	
270	33.5						2,600	270	
280	30.1							280	
290	26.3							290	
300	21.9							300	
310	16.5							310	
320	8.1							320	

Note: Refer To Page 12 For "Capacity Deductions" Caused By Any Jib Attachment.

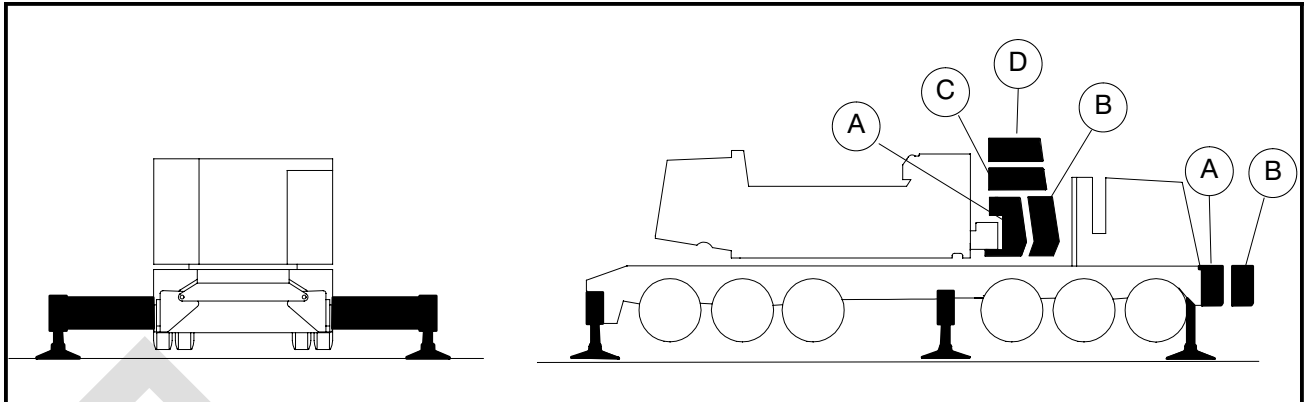


Main Boom Capacities - On Outriggers - 330 Ft Open Throat Tube Boom

Load Radius (ft)	Boom Angle (deg)	Counterweight Combinations - Upper + Bumper						Load Radius (ft)
		Over Rear						
		0+0	A+0	AB+0	ABCD+0	ABCD+A	ABCD+AB	
49.09	82.0						33,600	49.09
50	81.8						33,600	50
60	80.1						33,000	60
70	78.3						30,600	70
80	76.5						28,300	80
90	74.7						26,000	90
100	72.9						24,100	100
110	71.1						22,100	110
120	69.3						20,400	120
130	67.4						18,800	130
140	65.5						17,400	140
150	63.6						16,100	150
160	61.6						14,800	160
170	59.6						13,700	170
180	57.6						12,800	180
190	55.5						11,800	190
200	53.4						11,100	200
210	51.2						10,300	210
220	48.9						9,700	220
230	46.6						8,400	230
240	44.1						7,200	240
250	41.6						6,100	250
260	38.9						5,100	260
270	36.0						4,200	270
280	33.0						3,400	280
290	29.6						2,600	290
300	25.9							300
310	21.6							310
320	16.2							320

PROHIBITED

Note: Refer To Page 12 For "Capacity Deductions" Caused By Any Jib Attachment.



Main Boom Capacities - On Outriggers - 330 Ft Open Throat Tube Boom

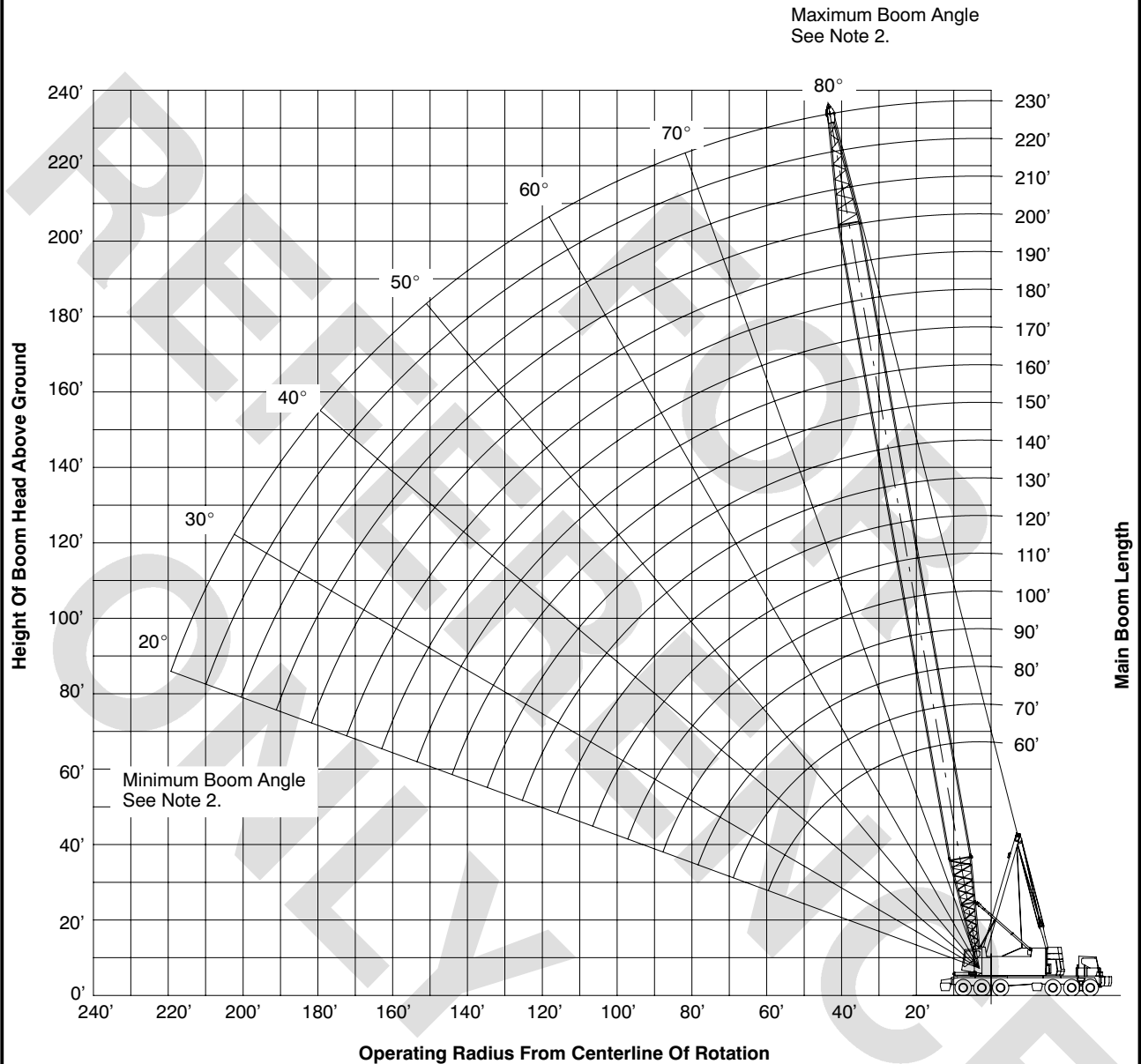
Load Radius (ft)	Boom Angle (deg)	Counterweight Combinations - Upper + Bumper						Load Radius (ft)	
		360° Rotation							
		0+0	A+0	AB+0	ABCD+0	ABCD+A	ABCD+AB		
49.09	82.0						33,600	49.09	
50	81.8						33,600	50	
60	80.1						33,000	60	
70	78.3						30,600	70	
80	76.5						28,300	80	
90	74.7						26,000	90	
100	72.9						24,100	100	
110	71.1						22,100	110	
120	69.3						20,400	120	
130	67.4						18,800	130	
140	65.5						17,400	140	
150	63.6						16,100	150	
160	61.6						14,800	160	
170	59.6						13,700	170	
180	57.6	PROHIBITED						12,600	180
190	55.5							10,900	190
200	53.4							9,400	200
210	51.2							8,100	210
220	48.9							6,900	220
230	46.6							5,800	230
240	44.1							4,800	240
250	41.6							3,900	250
260	38.9							3,000	260
270	36.0							2,200	270
280	33.0		280						
290	29.6		290						
300	25.9		300						
310	21.6		310						
320	16.2		320						

Note: Refer To Page 12 For "Capacity Deductions" Caused By Any Jib Attachment.

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WORKING RANGE DIAGRAM

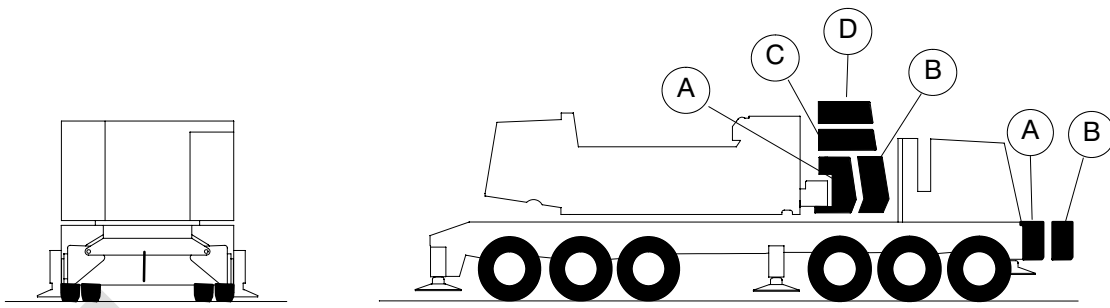
60' TO 230' MAIN BOOM ON TIRES



Notes:

1. Boom geometry shown is 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.
2. Maximum and minimum boom angles are equal to the values listed in the capacity chart for each boom length.

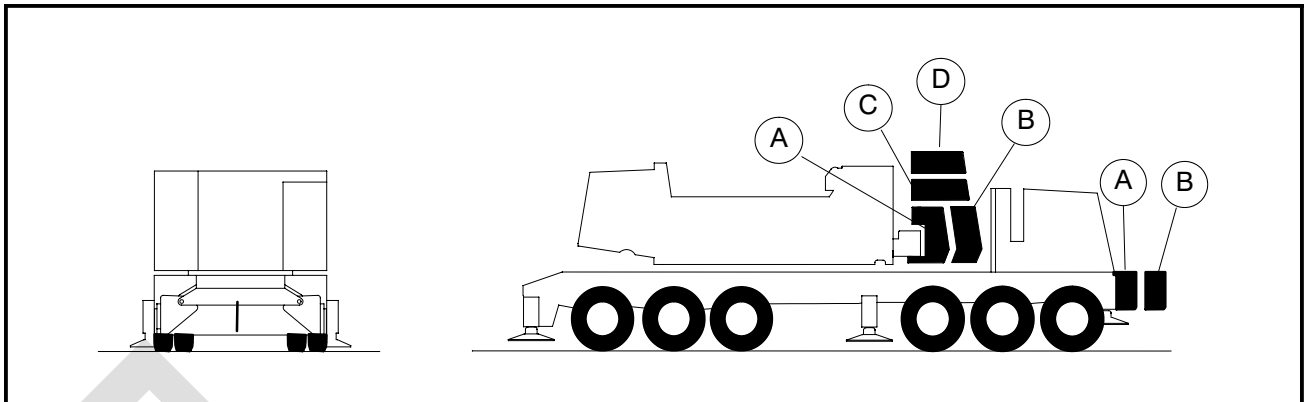
Working Range Diagram



Main Boom Capacities - On Tires - 60 Ft Open Throat Tube Boom

Load Radius (ft)	Boom Angle (deg)	Counterweight Combinations					Load Radius (ft)
		0+0	A+0	AB+0	ABCD+0	ABCD+A	
12	81.5	92,300	138,000	142,300	147,900	PROHIBITED	12
13	80.6	82,800	124,200	137,900	143,400		13
14	79.6	75,000	112,800	133,800	139,100		14
15	78.6	68,700	103,400	129,900	135,000		15
16	77.6	63,100	95,200	124,400	131,200		16
17	76.7	58,300	88,200	115,400	127,500		17
18	75.7	54,100	82,100	107,600	124,100		18
19	74.7	50,400	76,700	100,700	120,800		19
20	73.7	47,200	72,100	94,600	117,700		20
25	68.7	35,300	54,600	72,200	100,300		25
30	63.4	27,700	43,400	57,800	80,800		30
35	58.0	22,400	35,900	47,900	67,500		35
40	52.1	18,500	30,200	40,600	57,600		40
50	38.7	13,200	22,400	30,700	44,000		50
60	18.7	9,600	17,200	24,100	35,200		60

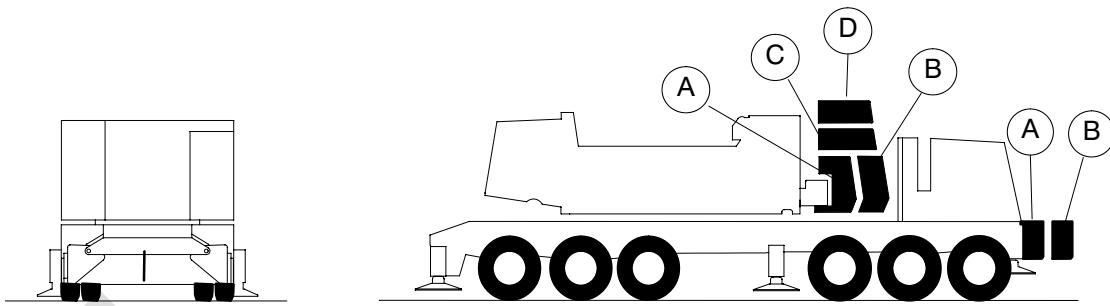
Note: Refer To Page 12 For "Capacity Deductions" Caused By Any Jib Attachment.



Main Boom Capacities - On Tires - 70 Ft Open Throat Tube Boom

Load Radius (ft)	Boom Angle (deg)	Counterweight Combinations				ABCD+0	ABCD+0	ABCD+0	Load Radius (ft)
		0+0	A+0	AB+0	ABCD+0				
12.91	82.0	83,800	125,600	137,700	143,100	PROHIBITED		12.91	
13	81.9	83,000	124,400	137,300	142,700			13	
14	81.1	75,200	113,000	133,200	138,400			14	
15	80.3	68,800	103,600	129,300	134,400			15	
16	79.4	63,300	95,400	124,500	130,600			16	
17	78.6	58,400	88,300	115,500	126,900			17	
18	77.8	54,200	82,200	107,700	123,500			18	
19	76.9	50,500	76,800	100,800	120,200			19	
20	76.1	47,300	72,200	94,600	117,100			20	
25	71.8	35,400	54,600	72,200	100,300			25	
30	67.5	27,800	43,500	57,900	80,800			30	
35	63.0	22,500	35,900	47,900	67,500			35	
40	58.3	18,600	30,200	40,600	57,600			40	
50	48.0	13,200	22,400	30,700	44,000			50	
60	35.7	9,700	17,300	24,200	35,200			60	
70	17.3	7,200	13,600	19,500	28,900			70	

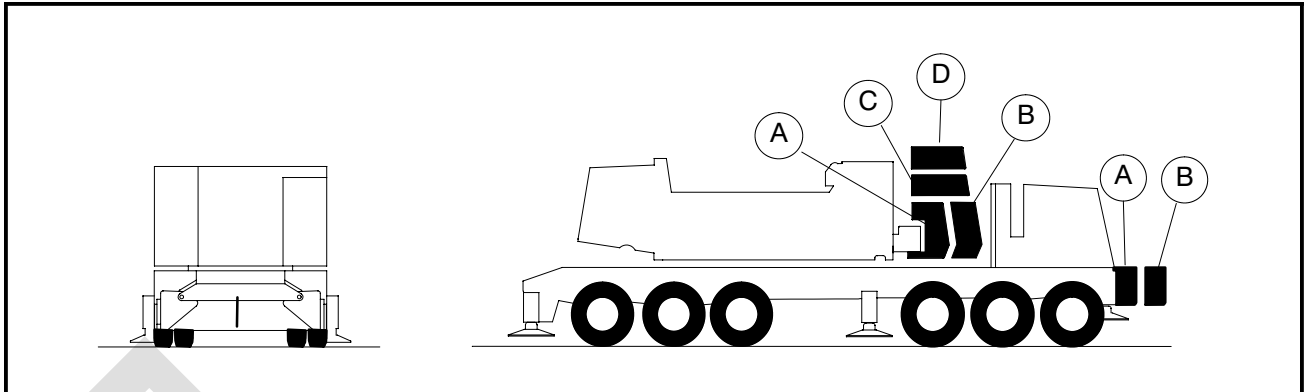
Note: Refer To Page 12 For "Capacity Deductions" Caused By Any Jib Attachment.



Main Boom Capacities - On Tires - 80 Ft Open Throat Tube Boom

Load Radius (ft)	Boom Angle (deg)	Counterweight Combinations					Load Radius (ft)
		0+0	A+0	AB+0	ABCD+0	ABCD+A	
14.30	82.0	73,400	110,100	131,300	136,500	PROHIBITED	14.30
15	81.5	68,900	103,600	128,600	133,700		15
16	80.8	63,300	95,400	124,500	129,900		16
17	80.0	58,400	88,300	115,400	126,300		17
18	79.3	54,200	82,200	107,700	122,800		18
19	78.6	50,500	76,800	100,800	119,600		19
20	77.9	47,200	72,200	94,600	116,500		20
25	74.2	35,400	54,600	72,200	100,200		25
30	70.4	27,700	43,400	57,800	80,700		30
35	66.6	22,400	35,800	47,800	67,400		35
40	62.6	18,500	30,100	40,500	57,500		40
50	54.2	13,200	22,300	30,700	43,900		50
60	44.7	9,600	17,200	24,100	35,200		60
70	33.3	7,100	13,600	19,500	28,900		70
80	16.2	5,300	10,900	16,000	24,200		80

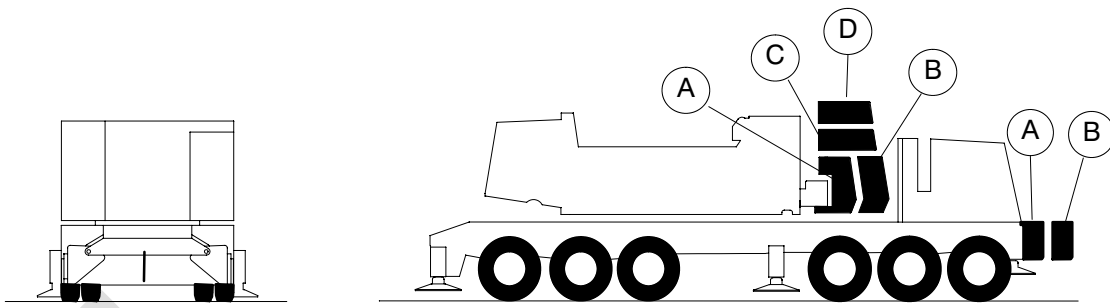
Note: Refer To Page 12 For "Capacity Deductions" Caused By Any Jib Attachment.



Main Boom Capacities - On Tires - 90 Ft Open Throat Tube Boom

Load Radius (ft)	Boom Angle (deg)	Counterweight Combinations					Load Radius (ft)
		0+0	A+0	AB+0	ABCD+0	ABCD+A	
15.69	82	66,300	99,100	125,900	130,900	PROHIBITED	15.69
16	81.8	64,600	96,700	124,800	129,800		16
17	81.2	59,700	89,500	116,600	126,200		17
18	80.5	55,400	83,300	108,800	122,700		18
19	79.9	51,600	77,800	101,800	119,500		19
20	79.2	48,200	73,100	95,600	116,300		20
25	76.0	36,100	55,300	72,900	100,900		25
30	72.7	28,300	44,000	58,400	81,300		30
35	69.3	22,900	36,300	48,300	67,800		35
40	65.8	18,900	30,500	40,900	57,800		40
50	58.6	13,400	22,600	30,900	44,100		50
60	50.8	9,800	17,400	24,300	35,400		60
70	42.0	7,300	13,700	19,600	29,000		70
80	31.4	5,400	11,000	16,100	24,300		80
90	15.2	3,800	8,800	13,300	20,600		90

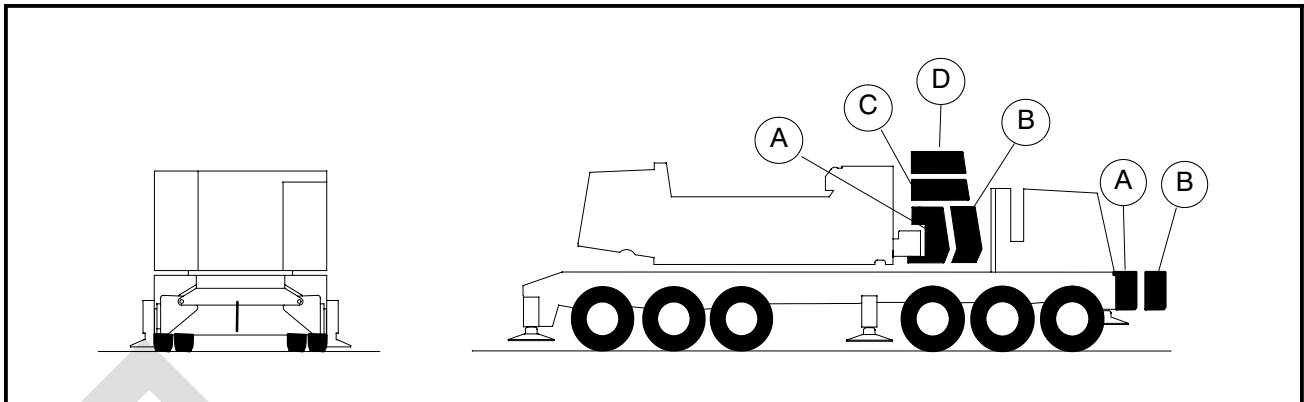
Note: Refer To Page 12 For "Capacity Deductions" Caused By Any Jib Attachment.



Main Boom Capacities - On Tires - 100 Ft Open Throat Tube Boom

Load Radius (ft)	Boom Angle (deg)	Counterweight Combinations					Load Radius (ft)	
		0+0	A+0	AB+0	ABCD+0	ABCD+A		ABCD+AB
17.08	82.0	59,200	88,800	115,700	125,100	118,100	PROHIBITED	17.08
18	81.5	55,200	83,100	108,700	122,000	115,100		18
19	80.9	51,400	77,600	101,600	118,700	112,000		19
20	80.3	48,100	73,000	95,400	115,600	109,300		20
25	77.4	36,000	55,100	72,700	100,800	96,500		25
30	74.4	28,200	43,800	58,200	81,000	86,200		30
35	71.4	22,700	36,100	48,100	67,600	76,000		35
40	68.4	18,700	30,300	40,700	57,600	65,100		40
50	62.1	13,200	22,400	30,800	43,900	49,800		50
60	55.4	9,600	17,200	24,100	35,200	39,800		60
70	48.1	7,100	13,600	19,400	28,900	33,000		70
80	39.8	5,200	10,800	16,000	24,200	27,800		80
90	29.7	3,700	8,700	13,200	20,500	23,700		90
100	14.5	2,500	7,000	11,000	17,600	20,400	100	

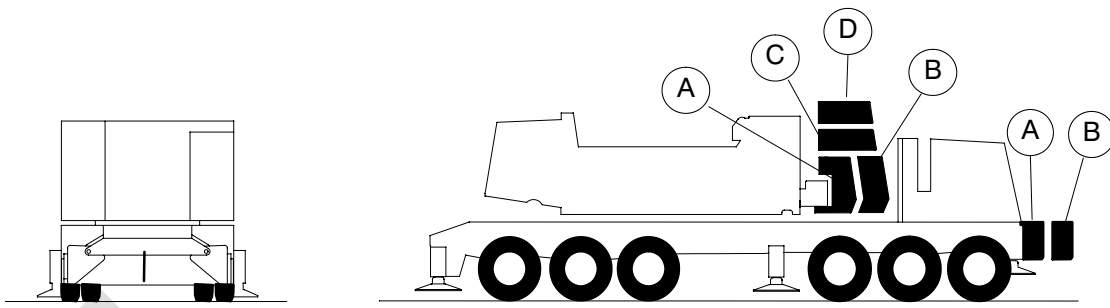
Note: Refer To Page 12 For "Capacity Deductions" Caused By Any Jib Attachment.



Main Boom Capacities - On Tires - 110 Ft Open Throat Tube Boom

Load Radius (ft)	Boom Angle (deg)	Counterweight Combinations						Load Radius (ft)
		0+0	A+0	AB+0	ABCD+0	ABCD+A	ABCD+AB	
18.48	82.0	53,200	80,200	105,000	119,700	112,900	PROHIBITED	18.48
19	81.7	51,300	77,400	101,400	118,000	111,600		19
20	81.2	47,900	72,800	95,200	114,900	108,600		20
25	78.6	35,800	54,900	72,500	100,500	95,900		25
30	75.9	28,000	43,600	58,000	80,800	85,500		30
35	73.2	22,500	35,900	47,800	67,400	75,800		35
40	70.4	18,500	30,100	40,400	57,400	64,900		40
50	64.8	13,000	22,200	30,500	43,700	49,600		50
60	58.9	9,400	17,000	23,900	35,000	39,600		60
70	52.6	6,900	13,400	19,200	28,600	32,800		70
80	45.7	5,000	10,600	15,700	23,900	27,600		80
90	37.9	3,500	8,500	13,000	20,300	23,500		90
100	28.3	2,300	6,800	10,900	17,400	20,300	100	
110	13.8		5,400	9,100	15,000	17,600	110	

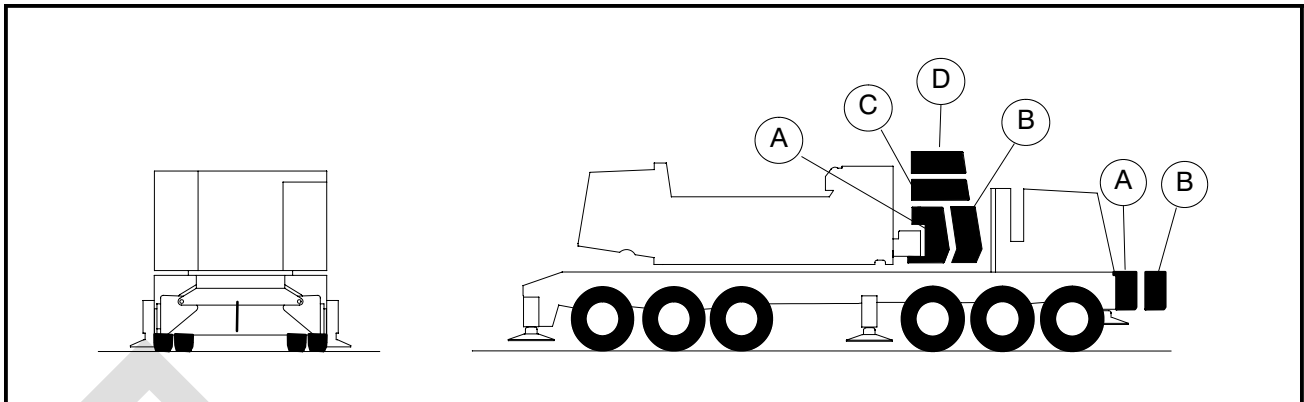
Note: Refer To Page 12 For "Capacity Deductions" Caused By Any Jib Attachment.



Main Boom Capacities - On Tires - 120 Ft Open Throat Tube Boom

Load Radius (ft)	Boom Angle (deg)	Counterweight Combinations						Load Radius (ft)
		0+0	A+0	AB+0	ABCD+0	ABCD+A	ABCD+AB	
19.87	82.0	PROHIBITED	73,200	95,800	114,600	108,300	PROHIBITED	19.87
20	81.9		72,600	95,000	114,200	107,900		20
25	79.5		54,700	72,300	100,300	95,200		25
30	77.1		43,300	57,700	80,500	84,900		30
35	74.6		35,700	47,600	67,200	75,500		35
40	72.1		29,900	40,200	57,100	64,600		40
50	67.0		22,000	30,300	43,400	49,300		50
60	61.7		16,800	23,700	34,700	39,300		60
70	56.2		13,100	19,000	28,400	32,500		70
80	50.2		10,400	15,500	23,700	27,300		80
90	43.6		8,300	12,800	20,100	23,300		90
100	36.2		6,600	10,700	17,200	20,100		100
110	27.1	5,200	8,900	14,800	17,400	110		
120	13.2	4,000	7,400	12,800	15,200	120		

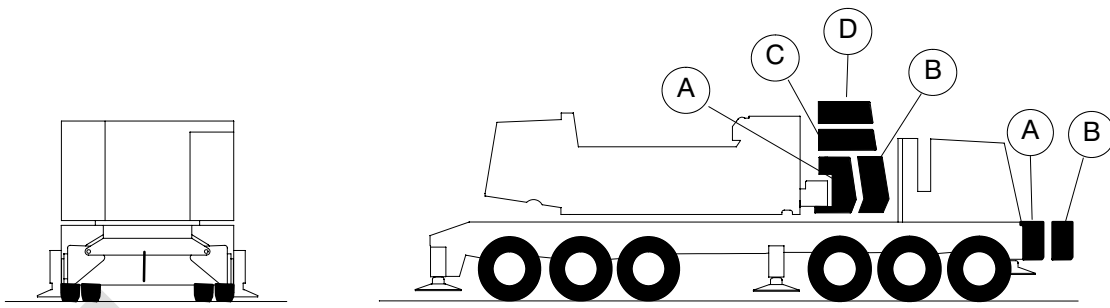
Note: Refer To Page 12 For "Capacity Deductions" Caused By Any Jib Attachment.



Main Boom Capacities - On Tires - 130 Ft Open Throat Tube Boom

Load Radius (ft)	Boom Angle (deg)	Counterweight Combinations						Load Radius (ft)
		0+0	A+0	AB+0	ABCD+0	ABCD+A	ABCD+AB	
21.26	82.0	PROHIBITED	67,000	87,800	110,100	103,700	PROHIBITED	21.26
25	80.3		54,500	72,100	100,000	94,500		25
30	78.1		43,000	57,400	80,200	84,200		30
35	75.8		35,400	47,300	66,900	75,200		35
40	73.5		29,600	39,900	56,800	64,300		40
50	68.9		21,700	30,000	43,100	49,000		50
60	64.1		16,500	23,400	34,400	39,000		60
70	59.1		12,800	18,700	28,100	32,300		70
80	53.8		10,100	15,200	23,400	27,000		80
90	48.1		8,000	12,500	19,800	23,000		90
100	41.9		6,300	10,400	16,900	19,800		100
110	34.7		5,000	8,600	14,600	17,200		110
120	26.0		3,800	7,200	12,600	15,000		120
130	12.7	2,800	5,900	10,900	13,100	130		

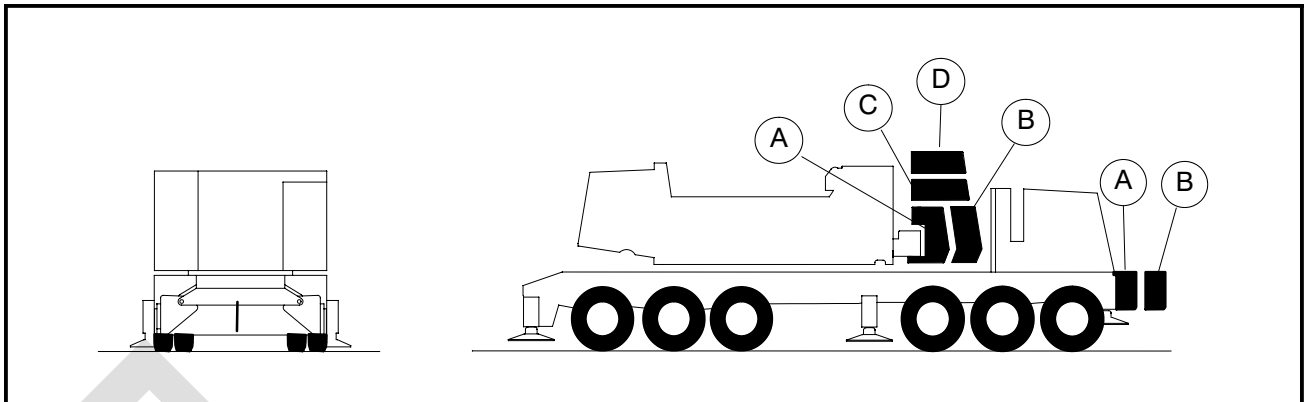
Note: Refer To Page 12 For "Capacity Deductions" Caused By Any Jib Attachment.



Main Boom Capacities - On Tires - 140 Ft Open Throat Tube Boom

Load Radius (ft)	Boom Angle (deg)	Counterweight Combinations						Load Radius (ft)
		0+0	A+0	AB+0	ABCD+0	ABCD+A	ABCD+AB	
22.65	82.0	PROHIBITED	61,500	80,800	105,500	99,400	102,800	22.65
25	81.0		54,200	71,800	99,600	93,800	97,000	25
30	79.0		42,800	57,200	79,900	83,500	86,400	30
35	76.9		35,200	47,000	66,600	74,900	77,800	35
40	74.7		29,400	39,600	56,500	64,000	70,800	40
50	70.5		21,400	29,700	42,800	48,700	56,900	50
60	66.0		16,200	23,100	34,200	38,700	45,500	60
70	61.5		12,500	18,400	27,800	32,000	37,400	70
80	56.7		9,800	14,900	23,100	26,800	31,800	80
90	51.7		7,700	12,300	19,500	22,700	27,200	90
100	46.2		6,100	10,100	16,600	19,500	23,500	100
110	40.3		4,700	8,400	14,300	16,900	20,500	110
120	33.4		3,500	6,900	12,300	14,700	18,000	120
130	25.0		2,600	5,700	10,700	12,900	15,900	130
140	12.2		4,600	9,200	11,300	14,100	140	

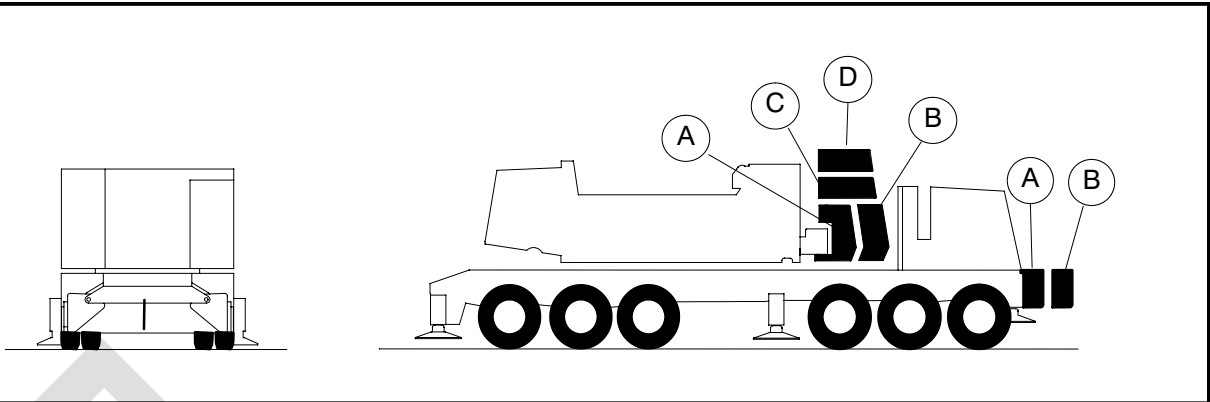
Note: Refer To Page 12 For "Capacity Deductions" Caused By Any Jib Attachment.



Main Boom Capacities - On Tires - 150 Ft Open Throat Tube Boom

Load Radius (ft)	Boom Angle (deg)	Counterweight Combinations						Load Radius (ft)
		0+0	A+0	AB+0	ABCD+0	ABCD+A	ABCD+AB	
24.04	82.0	PROHIBITED	56,700	74,700	101,200	95,300	98,500	24.04
25	81.6		53,900	71,500	98,900	93,000	96,300	25
30	79.7		42,500	56,900	79,600	82,800	85,700	30
35	77.7		34,900	46,700	66,300	74,400	77,100	35
40	75.8		29,100	39,300	56,200	63,700	70,200	40
50	71.8		21,100	29,400	42,500	48,400	56,600	50
60	67.7		15,900	22,800	33,900	38,400	45,100	60
70	63.5		12,200	18,100	27,500	31,700	37,100	70
80	59.2		9,500	14,600	22,800	26,500	31,500	80
90	54.6		7,400	11,900	19,200	22,400	26,900	90
100	49.8		5,800	9,800	16,300	19,200	23,200	100
110	44.6		4,400	8,100	14,000	16,600	20,200	110
120	38.8		3,300	6,600	12,000	14,400	17,700	120
130	32.3		2,300	5,400	10,400	12,600	15,600	130
140	24.2		4,400	4,400	9,000	11,000	13,800	140
150	11.8	3,400	3,400	7,700	9,600	12,300	150	

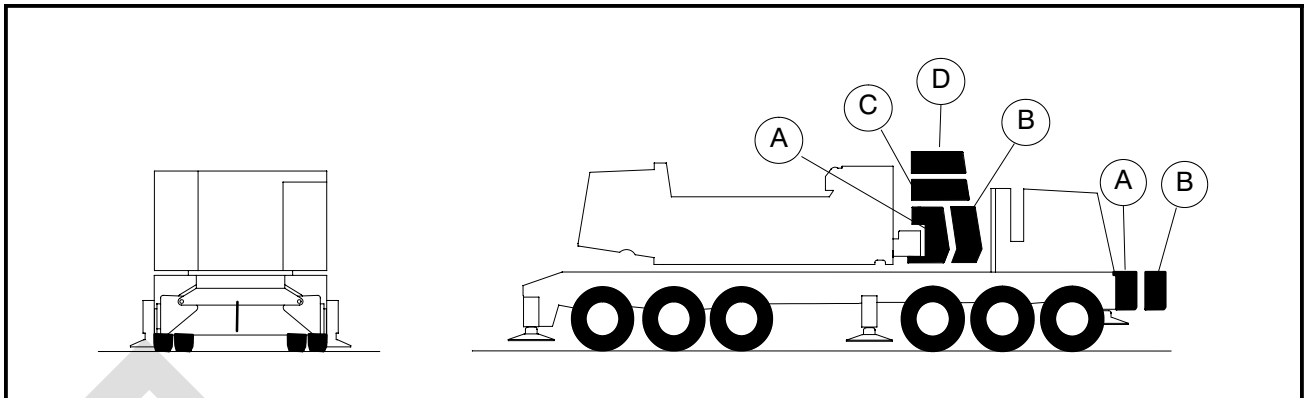
Note: Refer To Page 12 For "Capacity Deductions" Caused By Any Jib Attachment.



Main Boom Capacities - On Tires - 160 Ft Open Throat Tube Boom

Load Radius (ft)	Boom Angle (deg)	Counterweight Combinations						Load Radius (ft)
		0+0	A+0	AB+0	ABCD+0	ABCD+A	ABCD+AB	
25.43	82.0	PROHIBITED		69,700	97,000	91,300	94,500	25.43
30	80.3			56,600	79,300	82,100	85,000	30
35	78.5			46,400	66,000	74,100	76,400	35
40	76.7			39,000	55,900	63,400	69,500	40
50	73.0			29,100	42,200	48,100	56,200	50
60	69.2			22,500	33,500	38,100	44,800	60
70	65.3			17,800	27,200	31,400	37,100	70
80	61.3			14,300	22,500	26,100	31,200	80
90	57.1			11,600	18,900	22,100	26,500	90
100	52.8			9,500	16,000	18,900	22,900	100
110	48.1			7,800	13,700	16,300	19,900	110
120	43.1			6,300	11,700	14,100	17,400	120
130	37.6			5,100	10,100	12,300	15,300	130
140	31.2			4,100	8,700	10,700	13,500	140
150	23.4			3,200	7,500	9,400	12,000	150
160	11.4			2,400	6,400	8,200	10,600	160

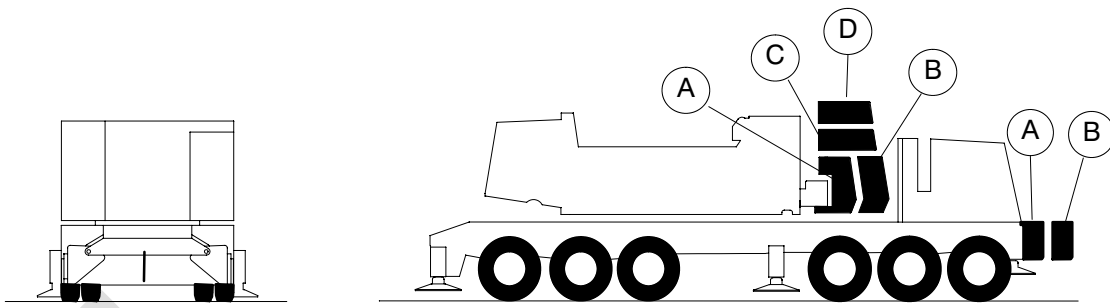
Note: Refer To Page 12 For "Capacity Deductions" Caused By Any Jib Attachment.



Main Boom Capacities - On Tires - 170 Ft Open Throat Tube Boom

Load Radius (ft)	Boom Angle (deg)	Counterweight Combinations						Load Radius (ft)
		0+0	A+0	AB+0	ABCD+0	ABCD+A	ABCD+AB	
26.83	82.0	PROHIBITED		64,900	90,600	87,600	90,700	26.83
30	80.9			56,300	79,000	81,400	84,300	30
35	79.2			46,100	65,700	73,500	75,700	35
40	77.5			38,600	55,600	63,100	68,900	40
50	74.0			28,800	41,800	47,700	55,900	50
60	70.5			22,200	33,200	37,700	44,500	60
70	66.9			17,500	26,900	31,100	36,800	70
80	63.1			14,000	22,200	25,800	30,800	80
90	59.3			11,300	18,600	21,800	26,200	90
100	55.3			9,200	15,700	18,600	22,600	100
110	51.1			7,400	13,400	16,000	19,600	110
120	46.6			6,000	11,400	13,800	17,100	120
130	41.7			4,800	9,800	12,000	15,000	130
140	36.4			3,700	8,400	10,400	13,200	140
150	30.3			2,800	7,200	9,100	11,700	150
160	22.7			2,100	6,100	7,900	10,300	160
170	11.1				5,200	6,800	9,100	170

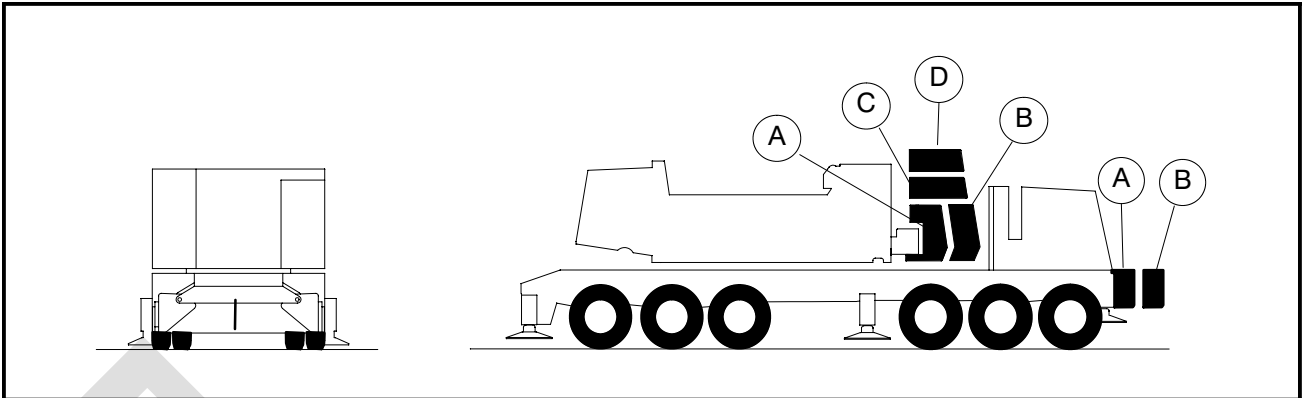
Note: Refer To Page 12 For "Capacity Deductions" Caused By Any Jib Attachment.



Main Boom Capacities - On Tires - 180 Ft Open Throat Tube Boom

Load Radius (ft)	Boom Angle (deg)	Counterweight Combinations						Load Radius (ft)
		0+0	A+0	AB+0	ABCD+0	ABCD+A	ABCD+AB	
28.22	82.0	PROHIBITED		60,500	84,800	84,100	87,100	28.22
30	81.4			55,900	78,600	80,700	83,600	30
35	79.8			45,800	65,300	72,800	75,000	35
40	78.2			38,300	55,300	62,700	68,200	40
50	74.9			28,500	41,500	47,400	55,600	50
60	71.6			21,900	32,900	37,400	44,100	60
70	68.2			17,200	26,600	30,700	36,500	70
80	64.7			13,700	21,900	25,500	30,500	80
90	61.2			11,000	18,300	21,500	25,900	90
100	57.5			8,900	15,400	18,300	22,200	100
110	53.6			7,100	13,000	15,600	19,200	110
120	49.5			5,700	11,100	13,500	16,800	120
130	45.2			4,500	9,400	11,600	14,700	130
140	40.5			3,400	8,000	10,100	12,900	140
150	35.3			2,500	6,800	8,700	11,400	150
160	29.4				5,800	7,600	10,000	160
170	22.1				4,800	6,500	8,800	170
180	10.8				4,000	5,600	7,800	180

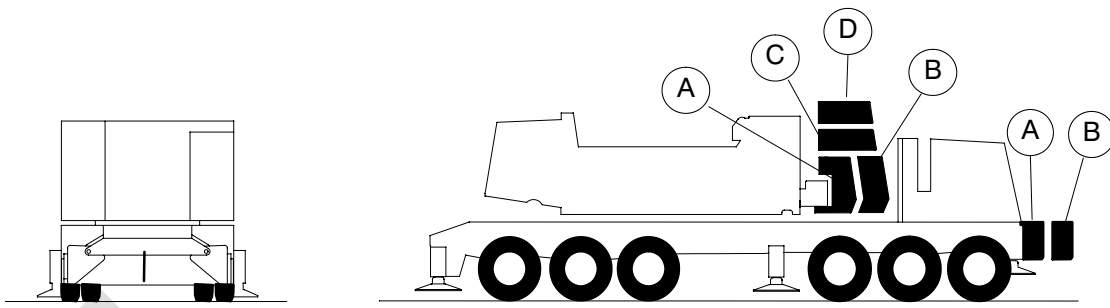
Note: Refer To Page 12 For "Capacity Deductions" Caused By Any Jib Attachment.



Main Boom Capacities - On Tires - 190 Ft Open Throat Tube Boom

Load Radius (ft)	Boom Angle (deg)	Counterweight Combinations						Load Radius (ft)
		0+0	A+0	AB+0	ABCD+0	ABCD+A	ABCD+AB	
29.61	82.0				79,600	80,700	83,600	29.61
30	81.9				78,300	80,000	82,900	30
35	80.4				65,000	72,100	74,300	35
40	78.8				54,900	62,400	67,600	40
50	75.7				41,100	47,000	55,200	50
60	72.6				32,600	37,000	43,800	60
70	69.4				26,200	30,400	36,200	70
80	66.1				21,500	25,200	30,200	80
90	62.8				17,900	21,100	25,600	90
100	59.4	PROHIBITED			15,000	17,900	21,900	100
110	55.8				12,700	15,300	18,900	110
120	52.1				10,700	13,100	16,400	120
130	48.1				9,100	11,300	14,300	130
140	43.9				7,700	9,700	12,600	140
150	39.4				6,500	8,400	11,000	150
160	34.4				5,400	7,200	9,700	160
170	28.6				4,500	6,200	8,500	170
180	21.5				3,700	5,300	7,500	180
190	10.5				3,000	4,500	6,500	190

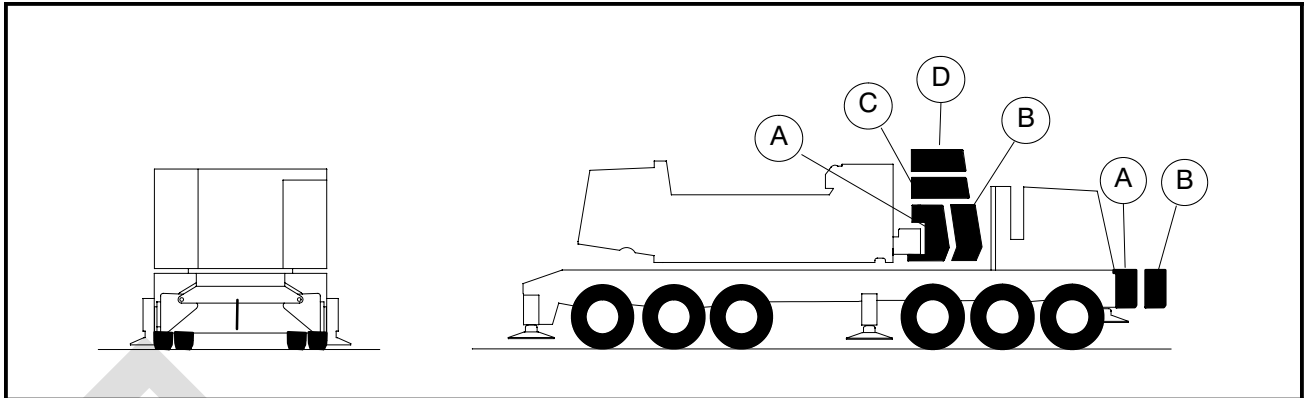
Note: Refer To Page 12 For "Capacity Deductions" Caused By Any Jib Attachment.



Main Boom Capacities - On Tires - 200 Ft Open Throat Tube Boom

Load Radius (ft)	Boom Angle (deg)	Counterweight Combinations					Load Radius (ft)	
		0+0	A+0	AB+0	ABCD+0	ABCD+A		ABCD+AB
31	82.0				74,800	77,500	80,300	31
35	80.8				64,700	71,400	74,100	35
40	79.4				54,600	62,100	66,900	40
50	76.5				40,800	46,700	54,900	50
60	73.5				32,300	37,100	43,400	60
70	70.5				25,900	30,100	35,800	70
80	67.4				21,200	24,800	29,800	80
90	64.3				17,600	20,800	25,200	90
100	61.0				14,700	17,600	21,600	100
110	57.7	PROHIBITED			12,400	15,000	18,600	110
120	54.3				10,400	12,800	16,100	120
130	50.6				8,800	11,000	14,000	130
140	46.8				7,400	9,400	12,200	140
150	42.8				6,200	8,100	10,700	150
160	38.4				5,100	6,900	9,300	160
170	33.5				4,200	5,800	8,200	170
180	27.9				3,300	4,900	7,100	180
190	20.9				2,600	4,100	6,200	190
200	10.2					3,400	5,400	200

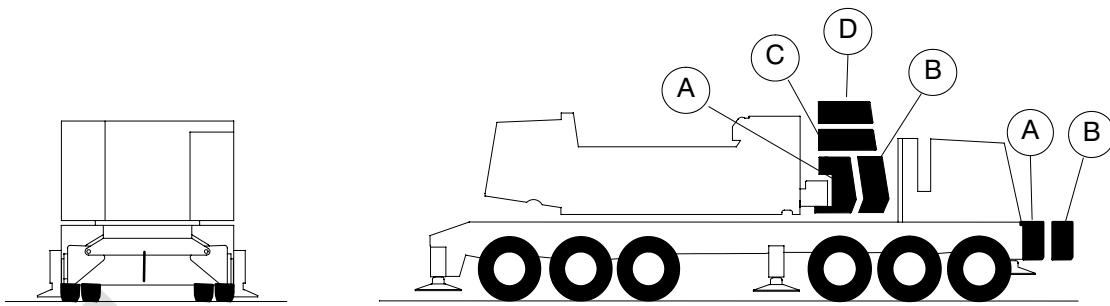
Note: Refer To Page 12 For "Capacity Deductions" Caused By Any Jib Attachment.



Main Boom Capacities - On Tires - 210 Ft Open Throat Tube Boom

Load Radius (ft)	Boom Angle (deg)	Counterweight Combinations						Load Radius (ft)	
		0+0	A+0	AB+0	ABCD+0	ABCD+A	ABCD+AB		
32.39	82.0				70,900	74,400	77,200	32.39	
35	81.3				64,300	70,800	73,400	35	
40	79.9				54,200	61,700	66,200	40	
50	77.1				40,400	46,300	54,500	50	
60	74.3				31,900	36,800	43,100	60	
70	71.4				25,600	29,700	35,500	70	
80	68.5				20,900	24,500	29,500	80	
90	65.6				17,200	20,400	24,900	90	
100	62.5				14,400	17,200	21,200	100	
110	59.4	PROHIBITED						18,200	110
120	56.2				10,100	12,400	15,700	120	
130	52.8				8,400	10,600	13,700	130	
140	49.3				7,000	9,100	11,900	140	
150	45.6				5,800	7,700	10,300	150	
160	41.7				4,800	6,500	9,000	160	
170	37.4				3,800	5,500	7,800	170	
180	32.6				3,000	4,600	6,800	180	
190	27.2				2,300	3,800	5,800	190	
200	20.4					3,000	5,000	200	
210	10.0					2,400	4,300	210	

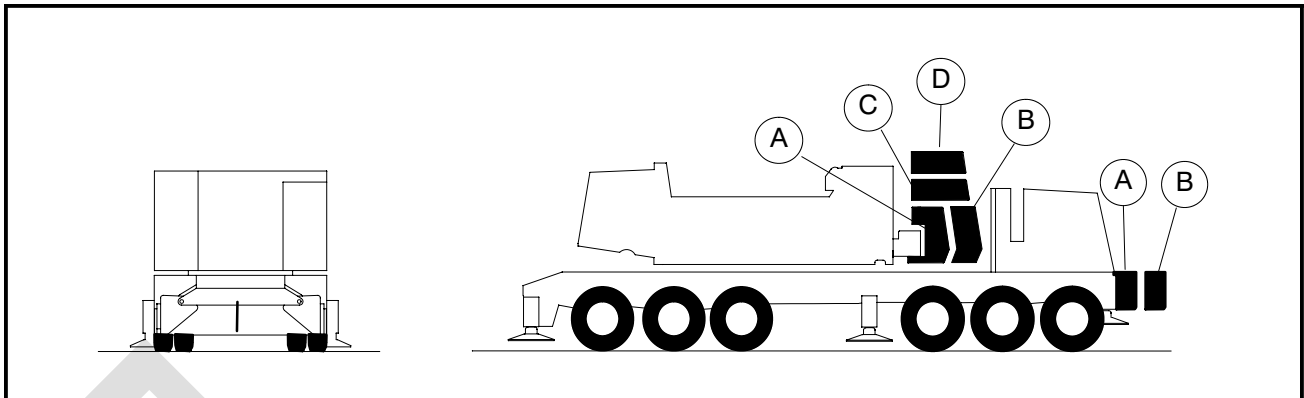
Note: Refer To Page 12 For "Capacity Deductions" Caused By Any Jib Attachment.



Main Boom Capacities - On Tires - 220 Ft Open Throat Tube Boom

Load Radius (ft)	Boom Angle (deg)	Counterweight Combinations					Load Radius (ft)		
		0+0	A+0	AB+0	ABCD+0	ABCD+A		ABCD+AB	
33.79	82.0					71,900	74,100	33.79	
35	81.7					70,100	72,700	35	
40	80.4					61,400	65,600	40	
50	77.7					46,000	54,200	50	
60	75.0					36,500	42,700	60	
70	72.3					29,400	35,100	70	
80	69.6					24,100	29,200	80	
90	66.8					20,100	24,500	90	
100	63.9					16,900	20,900	100	
110	60.9					14,300	17,900	110	
120	57.9	PROHIBITED					12,100	15,400	120
130	54.8	PROHIBITED					10,300	13,300	130
140	51.5	PROHIBITED					8,700	11,500	140
150	48.1	PROHIBITED					7,400	10,000	150
160	44.5	PROHIBITED					6,200	8,600	160
170	40.7	PROHIBITED					5,100	7,500	170
180	36.5	PROHIBITED					4,200	6,400	180
190	31.9	PROHIBITED					3,400	5,500	190
200	26.5	PROHIBITED					2,700	4,700	200
210	19.9	PROHIBITED						3,900	210
220	9.7	PROHIBITED						3,200	220

Note: Refer To Page 12 For "Capacity Deductions" Caused By Any Jib Attachment.



Main Boom Capacities - On Tires - 230 Ft Open Throat Tube Boom

Load Radius (ft)	Boom Angle (deg)	Counterweight Combinations						Load Radius (ft)		
		0+0	A+0	AB+0	ABCD+0	ABCD+A	ABCD+AB			
35.18	82.0					69,100	71,800	35.18		
40	80.8					61,000	64,900	40		
50	78.3					45,600	53,600	50		
60	75.7					36,100	42,300	60		
70	73.1					29,100	34,800	70		
80	70.5					23,800	28,800	80		
90	67.8					19,800	24,200	90		
100	65.1					16,500	20,500	100		
110	62.3					13,900	17,500	110		
120	59.5					11,700	15,000	120		
130	56.5	PROHIBITED						9,900	13,000	130
140	53.5					8,400	11,200	140		
150	50.3					7,000	9,600	150		
160	47.0					5,800	8,300	160		
170	43.5					4,800	7,100	170		
180	39.8					3,900	6,100	180		
190	35.7					3,100	5,100	190		
200	31.2					2,300	4,300	200		
210	25.9						3,600	210		
220	19.5						2,900	220		
230	9.5						2,300	230		

Note: Refer To Page 12 For "Capacity Deductions" Caused By Any Jib Attachment.

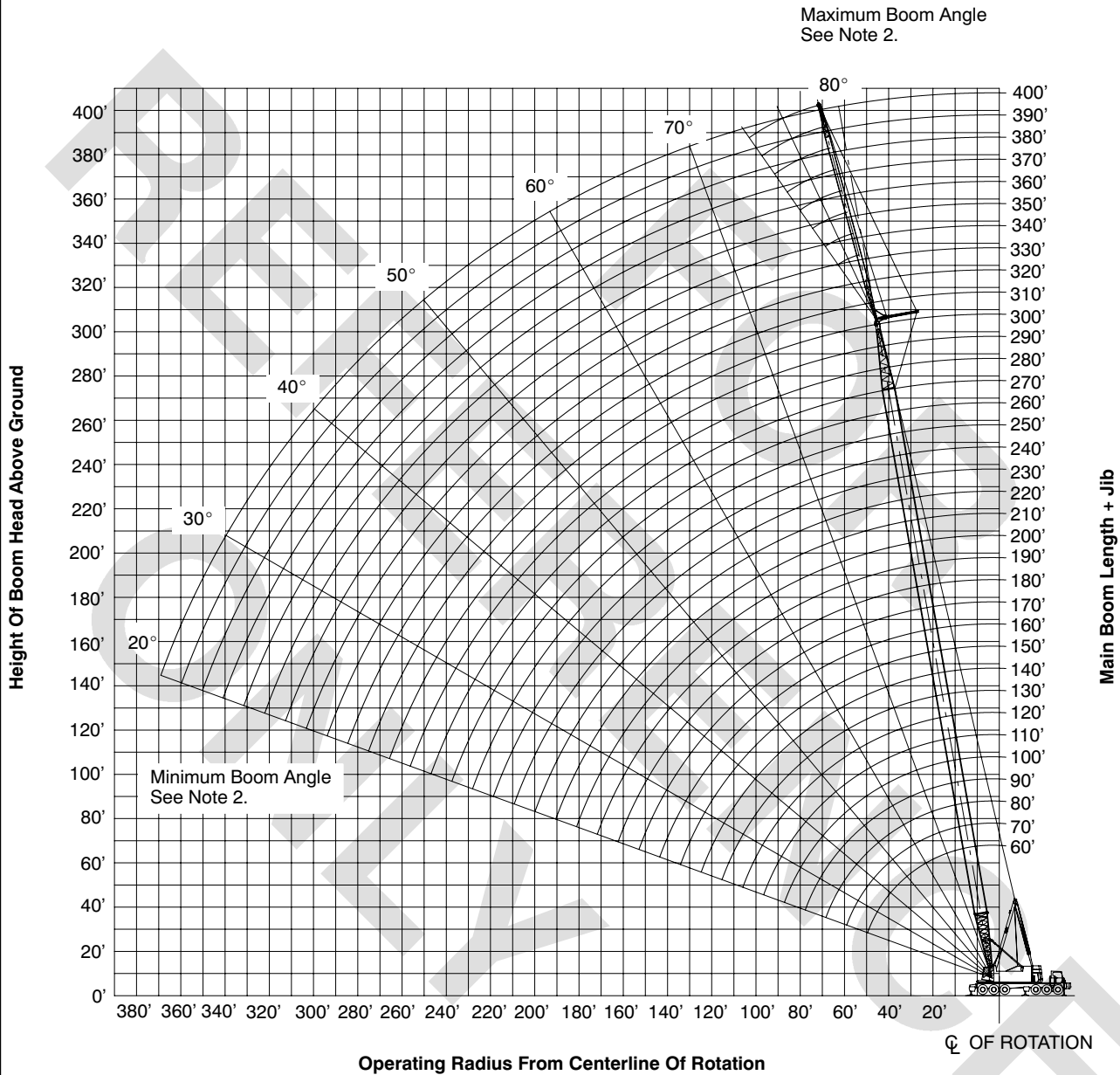
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TUBULAR JIB NOTES FOR OPEN THROAT BOOM

1. Capacities are for a HC 278H truck crane with ABCD+0 (98,200 lb) or ABCD+AB (124,900 lb) counterweight.
2. Capacities are for truck crane working areas for 360°, described on the Working Area Chart found in the Specifications Section of this Crane Rating Manual and are based on crane standing level on firm supporting surface and front bumper outrigger properly extended (crane on 5 jacks).
3. Capacities are limited to a LBCE 68" x 80" tubular boom with an open throat and LBCE 20 ton 24" x 32" cross-section jib with a 17'10" high jib mast properly assembled.
4. Two parts of 1.00" or 1-1/8" Diameter Type "N" or Type "RB" wire rope are required for maximum lift.
5. Capacities are for 30' - 100' jib lengths .
6. A jib cannot be used on open throat boom lengths longer than 300'.
7. The least stable rated condition is over the side.
8. All capacities are in pounds and are not more than 85% of the tipping loads. Those capacities followed by an asterisk (*) are governed by factors other than those that would cause a tipping condition.
9. A deduction must be made from the jib capacities for the weight of the following: Main boom hook block or hook ball, jib hook block or hook ball, slings, grapple, load weighing devices, etc.
10. For jibs on booms 60' thru 130' use ABCD+0 counterweight. Crane must be on outriggers with front bumper outrigger properly extended.
11. For jibs on booms 140' thru 270' use either ABCD+0 or ABCD+AB counterweight as capacities are included for both counterweight combinations. Crane must be on outriggers with front bumper outrigger properly extended.
12. For jibs on booms 280' and 300' use ABCD+AB counterweight. Crane must be on outriggers with front bumper outrigger properly extended.

WORKING RANGE DIAGRAM

60' TO 300' MAIN BOOM + 100' MAX. JIB



Notes:

1. Boom geometry shown is 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.
2. Maximum and minimum boom angles are equal to the values listed in the capacity chart for each boom length.

Working Range Diagram

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+0 Cwtw 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the crane rating manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
60	30	19	81.7	98.3	40,000 *						
60	30	20	81.1	98.1	40,000 *						
60	30	25	77.9	97.0	40,000 *	81.1	96.4	40,000 *			
60	30	30	74.7	95.6	40,000 *	77.8	95.0	40,000 *	80.8	93.7	40,000 *
60	30	35	71.5	94.0	40,000 *	74.5	93.3	40,000 *	77.5	92.0	40,000 *
60	30	40	68.1	92.0	40,000 *	71.2	91.3	40,000 *	74.0	90.0	40,000 *
60	30	50	61.1	86.9	40,000 *	64.2	86.2	40,000 *	66.9	84.7	36,900 *
60	30	60	53.6	80.1	40,000 *	56.6	79.3	38,600 *	59.2	77.7	36,100 *
60	30	70	45.3	71.0	37,800 *	48.1	70.1	36,900 *	50.4	68.3	32,600 *
60	30	80	35.3	58.5	36,800 *	38.0	57.4	34,100 *			
60	40	25	79.6	107.3	36,000 *						
60	40	30	76.7	106.0	36,000 *	80.5	105.3	35,800 *			
60	40	35	73.8	104.5	36,000 *	77.6	103.8	35,400 *	81.2	102.2	34,600 *
60	40	40	70.9	102.8	35,800 *	74.6	102.0	35,000 *	78.1	100.4	34,400 *
60	40	50	64.7	98.3	35,000 *	68.4	97.4	34,500 *	71.8	95.8	32,000 *
60	40	60	58.2	92.4	34,400 *	61.8	91.5	34,100 *	65.1	89.7	28,100 *
60	40	70	51.2	84.8	34,100 *	54.7	83.8	30,900 *	57.8	81.8	25,200 *
60	40	80	43.3	74.9	30,700 *	46.7	73.7	27,500 *	49.6	71.5	23,000 *
60	40	90	33.9	61.4	27,000 *	37.1	60.0	25,000 *			
60	50	25	81.0	117.5	32,000 *						
60	50	30	78.4	116.4	32,000 *						
60	50	35	75.8	115.0	32,000 *	80.1	114.1	31,500 *			
60	50	40	73.1	113.4	32,000 *	77.4	112.5	30,800 *	81.5	110.7	29,400 *
60	50	50	67.6	109.4	30,800 *	71.8	108.4	29,400 *	75.8	106.6	26,500 *
60	50	60	61.8	104.2	29,400 *	66.0	103.2	28,800 *	69.9	101.2	23,200 *
60	50	70	55.7	97.6	28,700 *	59.8	96.5	25,700 *	63.6	94.4	20,700 *
60	50	80	49.1	89.2	26,900 *	53.1	88.0	22,800 *	56.7	85.7	18,800 *
60	50	90	41.6	78.5	23,700 *	45.5	77.2	20,600 *	48.8	74.5	17,300 *
60	50	100	32.7	64.2	21,200 *	36.4	62.5	18,900 *			
60	60	30	79.8	126.6	26,800 *						
60	60	35	77.4	125.4	26,600 *						
60	60	40	74.9	123.9	26,400 *	79.7	122.9	25,600 *			
60	60	50	69.9	120.3	25,700 *	74.7	119.3	24,500 *	79.2	117.3	22,800 *
60	60	60	64.8	115.6	24,600 *	69.4	114.5	23,600 *	73.9	112.4	19,900 *
60	60	70	59.3	109.7	23,600 *	63.9	108.6	22,200 *	68.2	106.4	17,700 *
60	60	80	53.5	102.4	22,800 *	58.1	101.2	19,700 *	62.2	98.8	16,000 *
60	60	90	47.2	93.4	21,000 *	51.7	92.1	17,700 *	55.7	89.4	14,700 *
60	60	100	40.1	82.0	18,800 *	44.4	80.5	16,100 *	48.1	77.3	13,600 *
60	60	110	31.6	66.8	17,000 *	35.7	64.9	14,900 *			
60	70	30	80.9	136.8	21,800 *						
60	70	35	78.7	135.7	21,500 *						
60	70	40	76.5	134.4	21,100 *	81.6	133.3	20,400 *			
60	70	50	71.9	131.0	20,400 *	77.0	129.9	19,500 *	82.0	127.8	18,400 *
60	70	60	67.2	126.8	19,500 *	72.3	125.6	18,500 *	77.2	123.4	17,500 *

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+0 Cwtw 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the crane rating manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
60	70	70	62.3	121.5	18,500 *	67.3	120.3	17,700 *	72.1	118.0	15,500 *
60	70	80	57.1	115.0	17,700 *	62.1	113.7	16,900 *	66.8	111.3	14,000 *
60	70	90	51.6	107.1	16,800 *	56.5	105.8	15,600 *	61.0	103.1	12,700 *
60	70	100	45.6	97.4	15,800 *	50.4	95.9	14,100 *	54.7	93.0	11,700 *
60	70	110	38.8	85.3	14,900 *	43.5	83.6	13,000 *	47.5	80.1	10,900 *
60	70	120	30.6	69.3	13,800 *	35.1	67.2	12,000 *			
60	80	30	81.9	147.0	17,900 *						
60	80	35	79.9	146.0	17,600 *						
60	80	40	77.8	144.7	17,300 *						
60	80	50	73.6	141.6	16,700 *	79.1	140.5	15,900 *			
60	80	60	69.3	137.7	15,900 *	74.7	136.6	15,000 *	80.0	134.2	14,200 *
60	80	70	64.8	132.9	15,000 *	70.2	131.7	14,200 *	75.4	129.3	13,700 *
60	80	80	60.1	127.0	14,200 *	65.5	125.8	13,700 *	70.5	123.2	12,400 *
60	80	90	55.2	120.0	13,700 *	60.5	118.7	13,100 *	65.4	116.0	11,200 *
60	80	100	49.9	111.5	13,100 *	55.1	110.1	12,500 *	59.9	107.1	10,300 *
60	80	110	44.1	101.3	12,400 *	49.3	99.6	11,500 *	53.9	96.4	9,500 *
60	80	120	37.6	88.5	11,800 *	42.6	86.6	10,600 *	46.9	82.8	8,900 *
60	80	130	29.8	71.8	11,300 *						
60	90	35	80.9	156.2	13,800 *						
60	90	40	79.0	155.0	13,500 *						
60	90	50	75.0	152.2	12,900 *	80.8	151.0	12,200 *			
60	90	60	71.0	148.6	12,300 *	76.8	147.4	11,400 *			
60	90	70	66.9	144.1	11,400 *	72.6	142.9	10,600 *	78.1	140.4	10,200 *
60	90	80	62.7	138.8	10,600 *	68.3	137.5	10,200 *	73.7	134.9	9,900 *
60	90	90	58.2	132.4	10,200 *	63.8	131.0	9,900 *	69.1	128.3	9,600 *
60	90	100	53.5	124.8	9,900 *	59.0	123.4	9,600 *	64.2	120.4	9,200 *
60	90	110	48.4	115.8	9,500 *	53.9	114.2	9,200 *	59.0	111.0	8,400 *
60	90	120	42.8	105.0	9,100 *	48.2	103.2	8,800 *	53.1	99.6	7,800 *
60	90	130	36.6	91.6	8,600 *	41.8	89.5	8,100 *	46.4	85.3	7,400 *
60	90	140	29.0	74.1	7,800 *						
60	100	35	81.8	166.4	9,900 *						
60	100	40	80.0	165.3	9,600 *						
60	100	50	76.3	162.7	9,100 *						
60	100	60	72.6	159.3	8,500 *	78.6	158.0	8,100 *			
60	100	70	68.8	155.2	8,100 *	74.7	153.9	7,700 *	80.5	151.3	7,400 *
60	100	80	64.8	150.2	7,700 *	70.8	148.9	7,400 *	76.5	146.2	7,100 *
60	100	90	60.7	144.4	7,400 *	66.6	143.0	7,100 *	72.3	140.2	6,800 *
60	100	100	56.4	137.5	7,100 *	62.3	136.0	6,800 *	67.9	133.1	6,500 *
60	100	110	51.9	129.4	6,800 *	57.7	127.9	6,500 *	63.1	124.8	6,200 *
60	100	120	47.0	119.9	6,400 *	52.8	118.2	6,100 *	58.1	114.8	5,700 *
60	100	130	41.7	108.5	6,100 *	47.3	106.6	5,600 *	52.4	102.8	4,900 *
60	100	140	35.6	94.5	5,400 *	41.1	92.3	4,800 *	45.9	87.8	4,100 *
60	100	150	28.3	76.4	4,400 *						
70	30	20	82.0	108.2	40,000 *						

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+0 Cwtw 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the crane rating manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
70	30	25	79.1	107.3	40,000 *	82.0	106.6	40,000 *			
70	30	30	76.3	106.0	40,000 *	79.1	105.4	40,000 *	81.8	104.1	40,000 *
70	30	35	73.3	104.6	40,000 *	76.1	103.9	40,000 *	78.8	102.5	40,000 *
70	30	40	70.4	102.8	40,000 *	73.1	102.1	40,000 *	75.7	100.7	40,000 *
70	30	50	64.2	98.3	40,000 *	67.0	97.6	40,000 *	69.5	96.1	37,900 *
70	30	60	57.7	92.4	40,000 *	60.4	91.6	40,000 *	62.8	90.1	36,800 *
70	30	70	50.7	84.8	40,000 *	53.3	83.9	36,900 *	55.5	82.2	34,400 *
70	30	80	42.8	74.9	36,900 *	45.3	73.9	36,800 *	47.3	71.9	31,600 *
70	30	90	33.4	61.4	36,000 *	35.7	60.2	33,400 *			
70	40	25	80.6	117.5	36,000 *						
70	40	30	78.0	116.4	36,000 *	81.4	115.6	35,900 *			
70	40	35	75.3	115.0	36,000 *	78.7	114.2	35,500 *			
70	40	40	72.6	113.4	36,000 *	76.0	112.6	35,200 *	79.3	110.9	34,500 *
70	40	50	67.1	109.4	35,300 *	70.5	108.5	34,600 *	73.6	106.8	33,300 *
70	40	60	61.4	104.2	34,600 *	64.7	103.3	34,300 *	67.7	101.4	29,400 *
70	40	70	55.3	97.6	34,300 *	58.5	96.6	33,100 *	61.4	94.6	26,400 *
70	40	80	48.6	89.2	33,800 *	51.8	88.1	29,500 *	54.5	86.0	24,100 *
70	40	90	41.1	78.5	29,700 *	44.2	77.3	26,700 *	46.7	74.8	22,400 *
70	40	100	32.2	64.2	26,500 *	35.1	62.6	24,600 *			
70	50	25	81.8	127.6	32,000 *						
70	50	30	79.4	126.6	32,000 *						
70	50	35	77.0	125.4	32,000 *	80.9	124.4	31,700 *			
70	50	40	74.5	123.9	32,000 *	78.5	123.0	31,100 *			
70	50	50	69.5	120.3	31,300 *	73.4	119.3	29,800 *	77.1	117.4	27,400 *
70	50	60	64.4	115.6	30,000 *	68.2	114.6	29,000 *	71.8	112.5	24,100 *
70	50	70	58.9	109.7	29,100 *	62.7	108.6	27,300 *	66.2	106.5	21,600 *
70	50	80	53.1	102.5	28,400 *	56.9	101.3	24,300 *	60.2	99.0	19,700 *
70	50	90	46.8	93.4	25,800 *	50.5	92.1	21,900 *	53.6	89.6	18,100 *
70	50	100	39.7	82.0	23,000 *	43.2	80.5	20,100 *	46.1	77.5	16,900 *
70	50	110	31.2	66.8	20,900 *						
70	60	30	80.6	136.8	26,800 *						
70	60	35	78.3	135.7	26,700 *						
70	60	40	76.1	134.4	26,500 *	80.5	133.3	25,800 *			
70	60	50	71.5	131.0	26,000 *	75.9	129.9	24,800 *	80.1	127.8	23,300 *
70	60	60	66.8	126.8	25,000 *	71.1	125.6	23,800 *	75.2	123.4	20,500 *
70	60	70	61.9	121.5	23,900 *	66.2	120.3	23,200 *	70.2	118.0	18,400 *
70	60	80	56.8	115.0	23,200 *	61.0	113.8	20,800 *	64.9	111.3	16,700 *
70	60	90	51.2	107.1	22,500 *	55.4	105.8	18,700 *	59.1	103.1	15,300 *
70	60	100	45.2	97.4	20,300 *	49.3	96.0	17,100 *	52.8	93.0	14,200 *
70	60	110	38.4	85.3	18,400 *	42.3	83.6	15,800 *	45.6	80.1	13,300 *
70	60	120	30.2	69.4	16,800 *						
70	70	30	81.6	147.0	21,900 *						
70	70	35	79.5	146.0	21,600 *						
70	70	40	77.5	144.7	21,300 *						

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+0 Ctwrt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the crane rating manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
70	70	50	73.2	141.6	20,600 *	78.0	140.5	19,700 *			
70	70	60	68.9	137.7	19,800 *	73.6	136.5	18,800 *	78.2	134.2	17,800 *
70	70	70	64.4	132.9	18,900 *	69.1	131.7	18,000 *	73.6	129.2	16,000 *
70	70	80	59.8	127.0	18,100 *	64.4	125.8	17,200 *	68.7	123.2	14,500 *
70	70	90	54.8	120.0	17,300 *	59.4	118.6	16,400 *	63.6	115.9	13,200 *
70	70	100	49.6	111.5	16,500 *	54.1	110.1	14,900 *	58.1	107.1	12,200 *
70	70	110	43.8	101.3	15,600 *	48.2	99.6	13,700 *	52.1	96.3	11,400 *
70	70	120	37.3	88.5	14,800 *	41.5	86.6	12,700 *	45.1	82.7	10,700 *
70	70	130	29.4	71.8	13,600 *						
70	80	35	80.6	156.2	17,700 *						
70	80	40	78.6	155.0	17,400 *						
70	80	50	74.7	152.2	16,900 *	79.8	151.0	16,000 *			
70	80	60	70.7	148.6	16,200 *	75.8	147.3	15,200 *	80.7	144.8	14,300 *
70	80	70	66.6	144.1	15,400 *	71.6	142.8	14,400 *	76.4	140.3	13,800 *
70	80	80	62.3	138.8	14,500 *	67.3	137.4	13,900 *	72.0	134.7	12,800 *
70	80	90	57.9	132.4	14,000 *	62.8	131.0	13,400 *	67.4	128.1	11,600 *
70	80	100	53.1	124.8	13,400 *	58.0	123.3	12,900 *	62.5	120.3	10,700 *
70	80	110	48.1	115.8	12,900 *	52.9	114.2	12,100 *	57.3	110.9	9,900 *
70	80	120	42.5	104.9	12,200 *	47.2	103.1	11,200 *	51.4	99.5	9,300 *
70	80	130	36.2	91.6	11,700 *	40.8	89.4	10,400 *			
70	80	140	28.6	74.1	11,200 *						
70	90	35	81.5	166.4	13,900 *						
70	90	40	79.7	165.3	13,600 *						
70	90	50	76.0	162.7	13,000 *	81.4	161.4	12,300 *			
70	90	60	72.3	159.3	12,500 *	77.7	158.0	11,600 *			
70	90	70	68.4	155.2	11,700 *	73.8	153.8	10,800 *	79.0	151.1	10,200 *
70	90	80	64.5	150.2	11,000 *	69.8	148.8	10,300 *	74.9	146.1	10,000 *
70	90	90	60.4	144.4	10,300 *	65.7	142.9	10,000 *	70.7	140.0	9,700 *
70	90	100	56.1	137.5	10,000 *	61.4	136.0	9,700 *	66.2	132.9	9,400 *
70	90	110	51.6	129.4	9,700 *	56.8	127.8	9,400 *	61.5	124.5	8,700 *
70	90	120	46.7	119.9	9,400 *	51.8	118.1	9,100 *	56.4	114.6	8,100 *
70	90	130	41.4	108.5	9,000 *	46.4	106.5	8,600 *	50.8	102.5	7,600 *
70	90	140	35.3	94.5	8,500 *	40.1	92.2	8,000 *			
70	90	150	28.0	76.4	7,700 *						
70	100	40	80.6	175.6	9,700 *						
70	100	50	77.1	173.1	9,200 *						
70	100	60	73.6	169.9	8,700 *	79.3	168.5	8,200 *			
70	100	70	70.1	166.1	8,300 *	75.7	164.7	7,800 *	81.2	161.9	7,400 *
70	100	80	66.4	161.5	7,900 *	72.0	160.0	7,500 *	77.4	157.2	7,100 *
70	100	90	62.6	156.1	7,500 *	68.2	154.6	7,200 *	73.5	151.6	6,900 *
70	100	100	58.7	149.8	7,200 *	64.2	148.2	6,900 *	69.4	145.1	6,600 *
70	100	110	54.6	142.4	6,900 *	60.0	140.8	6,600 *	65.2	137.5	6,300 *
70	100	120	50.2	133.9	6,600 *	55.6	132.1	6,300 *	60.6	128.6	6,000 *
70	100	130	45.5	123.9	6,300 *	50.8	122.0	6,000 *	55.7	118.1	5,400 *

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+0 Cwtw 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the crane rating manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
70	100	140	40.3	111.9	6,000 *	45.5	109.8	5,400 *	50.2	105.5	4,600 *
70	100	150	34.4	97.4	5,200 *	39.5	94.9	4,600 *			
70	100	160	27.3	78.5	4,300 *						
80	30	25	80.1	117.5	40,000 *						
80	30	30	77.5	116.4	40,000 *	80.1	115.7	40,000 *			
80	30	35	74.9	115.0	40,000 *	77.4	114.3	40,000 *	79.8	112.9	40,000 *
80	30	40	72.2	113.4	40,000 *	74.7	112.7	40,000 *	77.1	111.3	40,000 *
80	30	50	66.7	109.4	40,000 *	69.2	108.7	40,000 *	71.5	107.2	39,400 *
80	30	60	60.9	104.2	40,000 *	63.4	103.4	40,000 *	65.6	101.9	36,800 *
80	30	70	54.8	97.6	40,000 *	57.2	96.7	39,000 *	59.3	95.1	36,200 *
80	30	80	48.2	89.2	39,700 *	50.5	88.3	36,800 *	52.5	86.5	33,200 *
80	30	90	40.7	78.6	36,900 *	42.9	77.5	35,800 *			
80	30	100	31.8	64.2	35,400 *						
80	40	25	81.4	127.6	36,000 *						
80	40	30	79.0	126.6	36,000 *						
80	40	35	76.5	125.4	36,000 *	79.7	124.5	35,700 *			
80	40	40	74.1	123.9	36,000 *	77.2	123.1	35,300 *	80.2	121.4	34,600 *
80	40	50	69.1	120.3	35,600 *	72.2	119.4	34,700 *	75.1	117.6	34,300 *
80	40	60	63.9	115.6	34,900 *	67.0	114.7	34,400 *	69.8	112.8	30,600 *
80	40	70	58.5	109.7	34,500 *	61.5	108.8	34,100 *	64.2	106.8	27,600 *
80	40	80	52.7	102.5	34,100 *	55.7	101.4	31,400 *	58.2	99.3	25,300 *
80	40	90	46.4	93.4	32,400 *	49.3	92.3	28,400 *	51.7	89.9	23,400 *
80	40	100	39.3	82.0	28,800 *	42.0	80.7	26,100 *			
80	40	110	30.8	66.9	26,100 *						
80	50	30	80.2	136.8	32,000 *						
80	50	35	78.0	135.7	32,000 *	81.6	134.7	31,900 *			
80	50	40	75.7	134.4	32,000 *	79.4	133.4	31,300 *			
80	50	50	71.2	131.0	31,700 *	74.8	130.0	30,100 *	78.2	128.0	28,100 *
80	50	60	66.4	126.8	30,600 *	70.0	125.7	29,200 *	73.4	123.6	24,900 *
80	50	70	61.5	121.5	29,400 *	65.1	120.4	28,700 *	68.3	118.2	22,500 *
80	50	80	56.4	115.0	28,800 *	59.9	113.8	25,700 *	63.0	111.5	20,500 *
80	50	90	50.9	107.1	27,900 *	54.3	105.8	23,200 *	57.3	103.3	18,900 *
80	50	100	44.8	97.4	24,900 *	48.2	96.0	21,200 *	51.0	93.2	17,600 *
80	50	110	38.0	85.3	22,500 *	41.2	83.7	19,600 *			
80	50	120	29.9	69.4	20,600 *						
80	60	30	81.2	147.0	26,900 *						
80	60	35	79.2	146.0	26,700 *						
80	60	40	77.1	144.7	26,600 *	81.2	143.6	26,000 *			
80	60	50	72.9	141.6	26,200 *	76.9	140.5	25,000 *	80.8	138.3	23,800 *
80	60	60	68.6	137.7	25,400 *	72.6	136.6	24,100 *	76.4	134.3	21,100 *
80	60	70	64.1	132.9	24,400 *	68.1	131.7	23,400 *	71.8	129.3	19,000 *
80	60	80	59.4	127.0	23,600 *	63.4	125.8	21,900 *	67.0	123.3	17,300 *
80	60	90	54.5	120.0	22,900 *	58.4	118.7	19,700 *	61.9	116.0	15,900 *
80	60	100	49.2	111.5	21,800 *	53.0	110.1	18,000 *	56.4	107.2	14,800 *

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+0 Cwt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the crane rating manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
80	60	110	43.4	101.3	19,700 *	47.2	99.7	16,600 *	50.3	96.4	13,800 *
80	60	120	36.9	88.5	18,000 *	40.5	86.6	15,500 *			
80	60	130	29.1	71.8	16,600 *						
80	70	35	80.2	156.2	21,700 *						
80	70	40	78.3	155.0	21,400 *						
80	70	50	74.4	152.2	20,800 *	78.8	151.0	19,800 *			
80	70	60	70.4	148.6	20,100 *	74.8	147.3	19,000 *	79.0	144.8	18,000 *
80	70	70	66.3	144.1	19,300 *	70.6	142.8	18,200 *	74.8	140.3	16,400 *
80	70	80	62.0	138.8	18,400 *	66.3	137.4	17,500 *	70.4	134.8	14,900 *
80	70	90	57.5	132.4	17,700 *	61.8	131.0	16,800 *	65.8	128.2	13,700 *
80	70	100	52.8	124.8	17,000 *	57.0	123.3	15,700 *	60.9	120.3	12,700 *
80	70	110	47.7	115.8	16,200 *	51.9	114.2	14,400 *	55.6	110.9	11,800 *
80	70	120	42.2	104.9	15,300 *	46.3	103.1	13,300 *	49.7	99.5	11,100 *
80	70	130	35.9	91.6	14,500 *	39.8	89.5	12,500 *			
80	70	140	28.3	74.1	13,500 *						
80	80	35	81.1	166.4	17,800 *						
80	80	40	79.3	165.3	17,600 *						
80	80	50	75.7	162.6	17,000 *	80.5	161.4	16,100 *			
80	80	60	72.0	159.3	16,400 *	76.7	158.0	15,400 *	81.3	155.3	14,400 *
80	80	70	68.1	155.2	15,700 *	72.9	153.8	14,600 *	77.4	151.1	13,900 *
80	80	80	64.2	150.2	14,900 *	68.9	148.8	14,100 *	73.3	146.0	13,100 *
80	80	90	60.1	144.4	14,200 *	64.8	142.9	13,600 *	69.1	140.0	12,000 *
80	80	100	55.8	137.5	13,700 *	60.4	136.0	13,100 *	64.7	132.9	11,000 *
80	80	110	51.3	129.4	13,200 *	55.8	127.8	12,600 *	60.0	124.5	10,300 *
80	80	120	46.4	119.9	12,700 *	50.9	118.1	11,700 *	54.9	114.5	9,600 *
80	80	130	41.1	108.5	12,100 *	45.4	106.5	10,900 *	49.2	102.5	9,100 *
80	80	140	35.0	94.5	11,600 *	39.2	92.2	10,300 *			
80	80	150	27.7	76.4	11,100 *						
80	90	35	82.0	176.6	13,900 *						
80	90	40	80.3	175.6	13,700 *						
80	90	50	76.8	173.1	13,200 *	81.9	171.7	12,400 *			
80	90	60	73.3	169.9	12,700 *	78.4	168.5	11,700 *			
80	90	70	69.8	166.1	12,000 *	74.8	164.6	11,000 *	79.7	161.8	10,300 *
80	90	80	66.1	161.5	11,300 *	71.1	160.0	10,400 *	75.9	157.1	10,000 *
80	90	90	62.3	156.1	10,500 *	67.3	154.5	10,100 *	72.0	151.5	9,800 *
80	90	100	58.4	149.8	10,200 *	63.3	148.2	9,900 *	67.9	145.0	9,500 *
80	90	110	54.3	142.4	9,900 *	59.2	140.7	9,600 *	63.7	137.4	9,000 *
80	90	120	49.9	133.9	9,600 *	54.7	132.1	9,300 *	59.1	128.5	8,400 *
80	90	130	45.2	123.8	9,300 *	49.9	121.9	8,900 *	54.2	118.0	7,900 *
80	90	140	40.0	111.9	9,000 *	44.7	109.8	8,400 *	48.7	105.3	7,500 *
80	90	150	34.1	97.4	8,400 *	38.6	94.8	7,800 *			
80	90	160	27.0	78.5	7,700 *						
80	100	40	81.1	185.8	9,800 *						
80	100	50	77.9	183.4	9,300 *						

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+0 Ctwrt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the crane rating manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
80	100	60	74.6	180.4	8,800 *	79.9	179.0	8,200 *			
80	100	70	71.2	176.8	8,400 *	76.5	175.4	7,900 *	81.7	172.4	7,400 *
80	100	80	67.8	172.5	8,000 *	73.1	171.0	7,600 *	78.2	168.0	7,200 *
80	100	90	64.3	167.5	7,700 *	69.5	166.0	7,300 *	74.6	162.8	6,900 *
80	100	100	60.6	161.7	7,400 *	65.9	160.1	7,000 *	70.8	156.8	6,700 *
80	100	110	56.9	154.9	7,100 *	62.0	153.2	6,800 *	66.9	149.8	6,400 *
80	100	120	52.9	147.2	6,800 *	58.0	145.4	6,500 *	62.7	141.8	6,100 *
80	100	130	48.6	138.2	6,500 *	53.7	136.2	6,200 *	58.3	132.4	5,700 *
80	100	140	44.1	127.7	6,200 *	49.1	125.6	5,800 *	53.5	121.3	5,100 *
80	100	150	39.1	115.2	5,800 *	44.0	112.9	5,100 *	48.2	108.1	4,400 *
80	100	160	33.4	100.1	5,100 *	38.1	97.4	4,400 *			
80	100	170	26.5	80.6	4,100 *						
90	30	25	80.9	127.7	40,000 *						
90	30	30	78.6	126.6	40,000 *	80.9	125.9	40,000 *			
90	30	35	76.1	125.4	40,000 *	78.5	124.7	40,000 *	80.7	123.3	40,000 *
90	30	40	73.7	123.9	40,000 *	76.0	123.2	40,000 *	78.2	121.8	40,000 *
90	30	50	68.7	120.3	40,000 *	71.0	119.6	40,000 *	73.1	118.1	40,000 *
90	30	60	63.5	115.6	40,000 *	65.8	114.8	40,000 *	67.9	113.3	36,700 *
90	30	70	58.1	109.8	40,000 *	60.3	108.9	40,000 *	62.3	107.3	36,800 *
90	30	80	52.3	102.5	40,000 *	54.5	101.6	37,100 *	56.3	99.8	34,800 *
90	30	90	46.0	93.5	38,100 *	48.1	92.5	36,800 *	49.8	90.5	32,300 *
90	30	100	38.9	82.0	36,900 *	40.9	80.9	35,000 *			
90	30	110	30.4	66.9	34,800 *						
90	40	30	79.8	136.9	36,000 *						
90	40	35	77.6	135.7	36,000 *	80.5	134.8	35,800 *			
90	40	40	75.3	134.4	36,000 *	78.2	133.5	35,500 *	81.0	131.7	34,600 *
90	40	50	70.8	131.0	35,800 *	73.6	130.1	34,900 *	76.3	128.3	34,300 *
90	40	60	66.1	126.8	35,200 *	68.9	125.8	34,500 *	71.5	124.0	31,700 *
90	40	70	61.2	121.5	34,600 *	64.0	120.5	34,200 *	66.5	118.5	28,700 *
90	40	80	56.0	115.0	34,300 *	58.8	114.0	33,300 *	61.2	111.9	26,300 *
90	40	90	50.5	107.1	34,000 *	53.2	106.0	30,100 *	55.5	103.7	24,400 *
90	40	100	44.5	97.5	31,200 *	47.1	96.2	27,600 *	49.2	93.7	22,800 *
90	40	110	37.7	85.3	28,200 *	40.2	83.9	25,600 *			
90	40	120	29.5	69.4	25,800 *						
90	50	30	80.9	147.0	32,000 *						
90	50	35	78.8	146.0	32,000 *						
90	50	40	76.8	144.7	32,000 *	80.1	143.7	31,500 *			
90	50	50	72.5	141.7	32,000 *	75.9	140.6	30,400 *	79.1	138.5	28,800 *
90	50	60	68.2	137.7	31,000 *	71.5	136.7	29,400 *	74.7	134.5	25,700 *
90	50	70	63.7	132.9	29,900 *	67.0	131.8	28,900 *	70.1	129.6	23,200 *
90	50	80	59.1	127.1	29,100 *	62.3	125.9	27,000 *	65.3	123.5	21,200 *
90	50	90	54.1	120.0	28,600 *	57.3	118.8	24,500 *	60.2	116.3	19,600 *
90	50	100	48.9	111.6	26,800 *	52.0	110.2	22,400 *	54.7	107.5	18,300 *
90	50	110	43.1	101.3	24,200 *	46.1	99.8	20,700 *	48.7	96.8	17,300 *

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+0 Ctwrt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the crane rating manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
90	50	120	36.6	88.5	22,100 *	39.5	86.8	19,300 *			
90	50	130	28.7	71.8	20,400 *						
90	60	30	81.8	157.2	26,900 *						
90	60	35	79.9	156.2	26,800 *						
90	60	40	78.0	155.0	26,600 *	81.8	153.9	26,100 *			
90	60	50	74.1	152.2	26,300 *	77.8	151.0	25,200 *	81.5	148.7	23,900 *
90	60	60	70.1	148.6	25,700 *	73.8	147.4	24,300 *	77.4	145.0	21,600 *
90	60	70	65.9	144.1	24,800 *	69.7	142.9	23,600 *	73.1	140.4	19,500 *
90	60	80	61.7	138.8	23,900 *	65.3	137.5	22,900 *	68.8	134.9	17,800 *
90	60	90	57.2	132.4	23,300 *	60.8	131.0	20,700 *	64.1	128.3	16,400 *
90	60	100	52.5	124.8	22,700 *	56.1	123.4	18,900 *	59.3	120.5	15,300 *
90	60	110	47.4	115.8	21,000 *	50.9	114.2	17,400 *	54.0	111.1	14,300 *
90	60	120	41.9	105.0	19,200 *	45.3	103.2	16,200 *	48.1	99.7	13,600 *
90	60	130	35.6	91.6	17,700 *	38.9	89.6	15,200 *			
90	60	140	28.0	74.1	16,500 *						
90	70	35	80.8	166.4	21,800 *						
90	70	40	79.0	165.3	21,500 *						
90	70	50	75.4	162.7	21,000 *	79.6	161.4	20,000 *			
90	70	60	71.7	159.3	20,400 *	75.8	158.0	19,200 *	79.8	155.4	18,100 *
90	70	70	67.8	155.2	19,600 *	71.9	153.8	18,400 *	75.8	151.2	16,800 *
90	70	80	63.9	150.2	18,800 *	68.0	148.8	17,800 *	71.8	146.1	15,300 *
90	70	90	59.8	144.4	18,100 *	63.8	142.9	17,200 *	67.6	140.1	14,100 *
90	70	100	55.5	137.5	17,400 *	59.5	136.0	16,400 *	63.1	133.0	13,100 *
90	70	110	51.0	129.4	16,700 *	54.9	127.8	15,100 *	58.4	124.6	12,200 *
90	70	120	46.1	119.9	15,900 *	50.0	118.1	14,000 *	53.3	114.6	11,500 *
90	70	130	40.7	108.5	15,100 *	44.5	106.5	13,100 *	47.7	102.6	10,900 *
90	70	140	34.7	94.5	14,300 *	38.3	92.2	12,300 *			
90	70	150	27.3	76.4	13,400 *						
90	80	35	81.7	176.6	17,900 *						
90	80	40	80.0	175.6	17,600 *						
90	80	50	76.5	173.1	17,100 *	81.1	171.7	16,300 *			
90	80	60	73.1	169.9	16,600 *	77.5	168.5	15,600 *	81.9	165.8	14,400 *
90	80	70	69.5	166.1	15,900 *	73.9	164.6	14,800 *	78.2	161.8	14,000 *
90	80	80	65.8	161.5	15,200 *	70.2	160.0	14,300 *	74.4	157.1	13,400 *
90	80	90	62.0	156.1	14,500 *	66.4	154.5	13,800 *	70.5	151.5	12,300 *
90	80	100	58.1	149.8	14,000 *	62.5	148.2	13,400 *	66.5	145.0	11,400 *
90	80	110	54.0	142.4	13,500 *	58.3	140.7	12,900 *	62.2	137.4	10,600 *
90	80	120	49.6	133.9	13,000 *	53.8	132.1	12,300 *	57.6	128.5	9,900 *
90	80	130	44.9	123.8	12,500 *	49.1	121.9	11,400 *	52.7	118.0	9,400 *
90	80	140	39.7	111.9	11,900 *	43.8	109.8	10,700 *	47.2	105.4	8,900 *
90	80	150	33.8	97.4	11,500 *	37.8	94.8	10,100 *			
90	80	160	26.7	78.5	11,100 *						
90	90	40	80.8	185.8	13,800 *						
90	90	50	77.6	183.4	13,300 *						

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+0 Ctwrt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the crane rating manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
90	90	60	74.3	180.4	12,800 *	79.1	179.0	11,900 *			
90	90	70	71.0	176.8	12,200 *	75.7	175.3	11,200 *	80.3	172.4	10,300 *
90	90	80	67.5	172.5	11,600 *	72.3	171.0	10,500 *	76.8	168.0	10,100 *
90	90	90	64.0	167.5	10,900 *	68.7	165.9	10,200 *	73.2	162.8	9,800 *
90	90	100	60.4	161.7	10,300 *	65.0	160.0	10,000 *	69.4	156.8	9,600 *
90	90	110	56.6	154.9	10,100 *	61.2	153.2	9,700 *	65.5	149.8	9,300 *
90	90	120	52.6	147.2	9,800 *	57.2	145.3	9,400 *	61.3	141.7	8,700 *
90	90	130	48.4	138.2	9,500 *	52.9	136.2	9,100 *	56.9	132.3	8,100 *
90	90	140	43.8	127.7	9,200 *	48.2	125.6	8,800 *	52.1	121.3	7,700 *
90	90	150	38.8	115.2	8,800 *	43.1	112.9	8,300 *	46.8	108.1	7,300 *
90	90	160	33.1	100.1	8,300 *	37.3	97.4	7,700 *			
90	90	170	26.2	80.6	7,600 *						
90	100	40	81.6	196.0	9,900 *						
90	100	50	78.5	193.7	9,400 *						
90	100	60	75.4	190.9	9,000 *	80.5	189.4	8,300 *			
90	100	70	72.3	187.5	8,500 *	77.3	186.0	8,000 *			
90	100	80	69.0	183.5	8,200 *	74.0	181.9	7,700 *	78.9	178.7	7,200 *
90	100	90	65.7	178.8	7,800 *	70.7	177.2	7,400 *	75.5	173.9	7,000 *
90	100	100	62.4	173.4	7,500 *	67.3	171.7	7,100 *	72.0	168.3	6,800 *
90	100	110	58.8	167.1	7,200 *	63.7	165.3	6,900 *	68.3	161.8	6,500 *
90	100	120	55.2	159.9	7,000 *	60.0	158.1	6,600 *	64.5	154.4	6,300 *
90	100	130	51.3	151.7	6,700 *	56.1	149.8	6,400 *	60.5	145.9	6,000 *
90	100	140	47.2	142.3	6,400 *	52.0	140.2	6,100 *	56.3	136.0	5,500 *
90	100	150	42.8	131.4	6,100 *	47.5	129.1	5,600 *	51.6	124.5	4,800 *
90	100	160	37.9	118.5	5,700 *	42.5	115.9	5,000 *	46.4	110.7	4,100 *
90	100	170	32.4	102.8	4,900 *	36.8	99.8	4,200 *			
90	100	180	25.7	82.7	4,000 *						
100	30	25	81.6	137.8	40,000 *						
100	30	30	79.4	136.9	40,000 *	81.6	136.2	40,000 *			
100	30	35	77.2	135.7	40,000 *	79.4	135.0	40,000 *	81.4	133.6	40,000 *
100	30	40	75.0	134.4	40,000 *	77.1	133.7	40,000 *	79.2	132.2	40,000 *
100	30	50	70.4	131.1	40,000 *	72.5	130.3	40,000 *	74.5	128.8	40,000 *
100	30	60	65.7	126.8	40,000 *	67.8	126.0	40,000 *	69.7	124.5	38,000 *
100	30	70	60.8	121.5	40,000 *	62.9	120.7	40,000 *	64.7	119.1	36,800 *
100	30	80	55.6	115.0	40,000 *	57.7	114.2	39,200 *	59.4	112.4	36,200 *
100	30	90	50.1	107.1	40,000 *	52.1	106.2	36,800 *	53.8	104.3	33,700 *
100	30	100	44.1	97.5	36,900 *	46.0	96.4	36,800 *	47.5	94.4	31,700 *
100	30	110	37.3	85.4	36,800 *	39.1	84.2	34,400 *			
100	30	120	29.1	69.4	34,400 *						
100	40	30	80.5	147.0	36,000 *						
100	40	35	78.5	146.0	36,000 *	81.2	145.1	35,800 *			
100	40	40	76.4	144.8	36,000 *	79.1	143.8	35,600 *	81.7	142.0	34,600 *
100	40	50	72.2	141.7	36,000 *	74.9	140.7	35,000 *	77.4	138.9	34,400 *
100	40	60	67.9	137.8	35,400 *	70.5	136.8	34,600 *	72.9	134.9	32,700 *

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+0 Ctwrt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the crane rating manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
100	40	70	63.4	132.9	34,800 *	66.0	131.9	34,300 *	68.4	130.0	29,700 *
100	40	80	58.7	127.1	34,500 *	61.3	126.0	34,100 *	63.6	124.0	27,300 *
100	40	90	53.8	120.0	34,200 *	56.3	118.9	31,700 *	58.5	116.7	25,300 *
100	40	100	48.5	111.6	33,700 *	51.0	110.4	29,100 *	53.1	108.0	23,700 *
100	40	110	42.8	101.3	30,400 *	45.1	100.0	26,900 *	47.1	97.3	22,400 *
100	40	120	36.2	88.5	27,700 *	38.5	87.0	25,200 *			
100	40	130	28.4	71.8	25,500 *						
100	50	30	81.5	157.2	32,000 *						
100	50	35	79.6	156.2	32,000 *						
100	50	40	77.6	155.1	32,000 *	80.8	154.0	31,700 *			
100	50	50	73.7	152.2	32,000 *	76.9	151.1	30,700 *	79.9	149.0	29,200 *
100	50	60	69.7	148.6	31,400 *	72.8	147.5	29,700 *	75.8	145.3	26,300 *
100	50	70	65.6	144.1	30,400 *	68.7	143.0	29,100 *	71.5	140.7	23,900 *
100	50	80	61.3	138.8	29,400 *	64.4	137.6	28,300 *	67.2	135.2	21,900 *
100	50	90	56.9	132.4	28,900 *	59.9	131.2	25,700 *	62.6	128.7	20,300 *
100	50	100	52.2	124.8	28,300 *	55.1	123.5	23,500 *	57.7	120.8	19,000 *
100	50	110	47.1	115.8	25,900 *	50.0	114.4	21,700 *	52.4	111.5	17,900 *
100	50	120	41.5	105.0	23,600 *	44.3	103.4	20,300 *	46.6	100.1	17,000 *
100	50	130	35.2	91.6	21,700 *	37.9	89.7	19,000 *			
100	50	140	27.7	74.1	20,200 *						
100	60	35	80.5	166.4	26,800 *						
100	60	40	78.7	165.3	26,700 *						
100	60	50	75.1	162.7	26,400 *	78.6	161.5	25,400 *			
100	60	60	71.3	159.3	26,000 *	74.9	158.1	24,600 *	78.2	155.6	22,100 *
100	60	70	67.5	155.2	25,200 *	71.0	153.9	23,800 *	74.3	151.4	20,000 *
100	60	80	63.6	150.2	24,300 *	67.1	148.9	23,300 *	70.3	146.3	18,300 *
100	60	90	59.5	144.4	23,600 *	62.9	143.0	21,600 *	66.0	140.3	16,900 *
100	60	100	55.2	137.5	23,000 *	58.6	136.1	19,800 *	61.6	133.2	15,800 *
100	60	110	50.7	129.4	22,400 *	54.0	127.9	18,300 *	56.9	124.8	14,800 *
100	60	120	45.8	119.9	20,400 *	49.1	118.2	17,000 *	51.8	114.9	14,000 *
100	60	130	40.4	108.5	18,800 *	43.6	106.7	15,900 *	46.2	102.9	13,300 *
100	60	140	34.4	94.5	17,400 *	37.4	92.4	15,000 *			
100	60	150	27.0	76.4	16,300 *						
100	70	35	81.4	176.6	21,900 *						
100	70	40	79.7	175.6	21,600 *						
100	70	50	76.3	173.1	21,100 *	80.2	171.7	20,100 *			
100	70	60	72.8	169.9	20,600 *	76.7	168.6	19,400 *	80.4	165.9	18,200 *
100	70	70	69.2	166.1	19,900 *	73.1	164.7	18,700 *	76.7	161.9	17,200 *
100	70	80	65.5	161.5	19,200 *	69.4	160.1	18,000 *	73.0	157.2	15,700 *
100	70	90	61.8	156.1	18,400 *	65.6	154.6	17,400 *	69.1	151.7	14,500 *
100	70	100	57.8	149.8	17,800 *	61.6	148.2	16,800 *	65.0	145.2	13,500 *
100	70	110	53.7	142.4	17,100 *	57.4	140.8	15,700 *	60.8	137.6	12,600 *
100	70	120	49.3	133.9	16,400 *	53.0	132.1	14,600 *	56.2	128.7	11,900 *
100	70	130	44.6	123.9	15,700 *	48.2	122.0	13,600 *	51.3	118.2	11,200 *

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+0 Ctwrt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the crane rating manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
100	70	140	39.4	111.9	14,900 *	42.9	109.8	12,800 *	45.8	105.6	10,700 *
100	70	150	33.6	97.4	14,100 *	36.9	94.9	12,200 *			
100	70	160	26.5	78.5	13,300 *						
100	80	40	80.5	185.8	17,700 *						
100	80	50	77.3	183.4	17,200 *	81.6	182.0	16,400 *			
100	80	60	74.0	180.4	16,800 *	78.3	179.0	15,700 *			
100	80	70	70.7	176.8	16,200 *	74.9	175.4	15,000 *	78.9	172.4	14,100 *
100	80	80	67.3	172.6	15,500 *	71.4	171.0	14,400 *	75.4	168.0	13,700 *
100	80	90	63.7	167.5	14,800 *	67.9	166.0	14,000 *	71.8	162.9	12,600 *
100	80	100	60.1	161.7	14,200 *	64.2	160.1	13,600 *	68.0	156.8	11,700 *
100	80	110	56.3	154.9	13,800 *	60.4	153.3	13,100 *	64.1	149.9	10,900 *
100	80	120	52.3	147.2	13,400 *	56.3	145.4	12,700 *	60.0	141.8	10,200 *
100	80	130	48.1	138.2	12,900 *	52.0	136.3	11,900 *	55.5	132.4	9,600 *
100	80	140	43.5	127.7	12,400 *	47.4	125.6	11,200 *	50.8	121.4	9,200 *
100	80	150	38.5	115.2	11,900 *	42.3	112.9	10,500 *	45.4	108.2	8,800 *
100	80	160	32.8	100.1	11,500 *	36.5	97.4	10,000 *			
100	80	170	25.9	80.6	11,000 *						
100	90	40	81.3	196.0	13,800 *						
100	90	50	78.2	193.7	13,400 *						
100	90	60	75.1	190.9	12,900 *	79.7	189.4	12,000 *			
100	90	70	72.0	187.5	12,400 *	76.5	186.0	11,400 *	80.8	182.9	10,400 *
100	90	80	68.8	183.5	11,800 *	73.3	181.9	10,700 *	77.5	178.7	10,100 *
100	90	90	65.5	178.8	11,100 *	69.9	177.2	10,300 *	74.2	173.9	9,900 *
100	90	100	62.1	173.4	10,500 *	66.5	171.7	10,100 *	70.7	168.3	9,700 *
100	90	110	58.6	167.1	10,200 *	63.0	165.4	9,800 *	67.0	161.8	9,400 *
100	90	120	54.9	159.9	10,000 *	59.2	158.1	9,600 *	63.2	154.4	8,900 *
100	90	130	51.1	151.7	9,700 *	55.3	149.8	9,300 *	59.2	145.9	8,400 *
100	90	140	47.0	142.3	9,400 *	51.2	140.2	9,000 *	54.9	136.0	7,900 *
100	90	150	42.5	131.4	9,100 *	46.7	129.1	8,600 *	50.3	124.5	7,500 *
100	90	160	37.7	118.5	8,700 *	41.7	115.9	8,100 *	45.1	110.7	7,200 *
100	90	170	32.1	102.8	8,200 *	36.0	99.8	7,600 *			
100	90	180	25.4	82.7	7,500 *						
100	100	40	82.0	206.1	9,900 *						
100	100	50	79.1	204.0	9,500 *						
100	100	60	76.1	201.4	9,100 *	81.0	199.8	8,300 *			
100	100	70	73.2	198.2	8,600 *	78.0	196.5	8,000 *			
100	100	80	70.1	194.4	8,300 *	74.9	192.7	7,700 *	79.5	189.4	7,300 *
100	100	90	67.0	189.9	8,000 *	71.8	188.2	7,400 *	76.3	184.8	7,100 *
100	100	100	63.9	184.8	7,600 *	68.6	183.1	7,200 *	73.0	179.6	6,800 *
100	100	110	60.6	179.0	7,400 *	65.2	177.2	7,000 *	69.6	173.5	6,600 *
100	100	120	57.2	172.4	7,100 *	61.8	170.5	6,800 *	66.1	166.7	6,400 *
100	100	130	53.6	164.8	6,900 *	58.2	162.8	6,500 *	62.4	158.8	6,100 *
100	100	140	49.9	156.2	6,600 *	54.4	154.1	6,300 *	58.5	149.9	5,800 *
100	100	150	45.9	146.3	6,400 *	50.4	144.1	6,000 *	54.4	139.6	5,200 *

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+0 Ctwrt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the crane rating manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
100	100	160	41.6	135.0	6,100 *	46.0	132.5	5,400 *	49.8	127.5	4,600 *
100	100	170	36.9	121.6	5,500 *	41.2	118.8	4,800 *			
100	100	180	31.5	105.4	4,800 *	35.6	102.2	4,000 *			
110	30	30	80.2	147.1	40,000 *						
110	30	35	78.1	146.0	40,000 *	80.2	145.3	40,000 *			
110	30	40	76.1	144.8	40,000 *	78.1	144.0	40,000 *	80.0	142.5	40,000 *
110	30	50	71.8	141.7	40,000 *	73.8	140.9	40,000 *	75.7	139.4	40,000 *
110	30	60	67.5	137.8	40,000 *	69.5	137.0	40,000 *	71.3	135.4	39,100 *
110	30	70	63.0	133.0	40,000 *	65.0	132.1	40,000 *	66.7	130.5	36,700 *
110	30	80	58.4	127.1	40,000 *	60.3	126.2	40,000 *	62.0	124.5	36,800 *
110	30	90	53.5	120.1	40,000 *	55.3	119.2	37,600 *	56.9	117.3	35,000 *
110	30	100	48.2	111.6	39,600 *	50.0	110.6	36,800 *	51.5	108.7	32,800 *
110	30	110	42.4	101.3	36,800 *	44.2	100.2	36,200 *	45.5	98.1	31,100 *
110	30	120	35.9	88.6	34,600	37.6	87.3	33,900 *			
110	30	130	28.0	71.9	30,900						
110	40	30	81.2	157.2	36,000 *						
110	40	35	79.2	156.2	36,000 *	81.8	155.3	35,900 *			
110	40	40	77.3	155.1	36,000 *	79.8	154.2	35,700 *			
110	40	50	73.4	152.2	36,000 *	75.9	151.3	35,200 *	78.2	149.4	34,400 *
110	40	60	69.4	148.6	35,600 *	71.9	147.6	34,600 *	74.2	145.7	33,700 *
110	40	70	65.3	144.1	35,100 *	67.7	143.2	34,400 *	70.0	141.2	30,600 *
110	40	80	61.0	138.8	34,600 *	63.4	137.8	34,200 *	65.6	135.7	28,200 *
110	40	90	56.6	132.4	34,400 *	58.9	131.3	33,300 *	61.0	129.1	26,200 *
110	40	100	51.8	124.9	34,100 *	54.2	123.7	30,600 *	56.2	121.4	24,500 *
110	40	110	46.8	115.8	32,500 *	49.0	114.6	28,300 *	50.9	112.1	23,200 *
110	40	120	41.2	105.0	29,600 *	43.4	103.6	26,400 *	45.2	100.8	22,100 *
110	40	130	34.9	91.6	27,300 *	37.0	90.0	24,900 *			
110	40	140	27.4	74.2	25,300 *						
110	50	35	80.2	166.4	32,000 *						
110	50	40	78.4	165.3	32,000 *	81.4	164.3	31,800 *			
110	50	50	74.8	162.7	32,000 *	77.7	161.6	30,900 *	80.5	159.4	29,300 *
110	50	60	71.0	159.3	31,700 *	74.0	158.2	29,900 *	76.7	155.9	27,000 *
110	50	70	67.2	155.2	30,800 *	70.1	154.0	29,200 *	72.8	151.7	24,500 *
110	50	80	63.3	150.2	29,800 *	66.1	149.0	28,800 *	68.8	146.7	22,600 *
110	50	90	59.2	144.4	29,100 *	62.0	143.1	26,800 *	64.6	140.7	20,900 *
110	50	100	54.9	137.5	28,600 *	57.7	136.2	24,600 *	60.2	133.6	19,600 *
110	50	110	50.4	129.5	27,500 *	53.1	128.1	22,700 *	55.5	125.2	18,400 *
110	50	120	45.5	119.9	25,100 *	48.2	118.4	21,200 *	50.4	115.3	17,500 *
110	50	130	40.1	108.5	23,100 *	42.7	106.8	19,900 *			
110	50	140	34.1	94.5	21,400 *	36.5	92.6	18,800 *			
110	50	150	26.7	76.4	20,000 *						
110	60	35	81.1	176.6	26,900 *						
110	60	40	79.4	175.6	26,700 *						
110	60	50	76.0	173.1	26,500 *	79.3	171.8	25,600 *			

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+0 Ctwrt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the crane rating manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
110	60	60	72.5	169.9	26,200 *	75.8	168.7	24,800 *	79.0	166.1	22,500 *
110	60	70	68.9	166.1	25,500 *	72.2	164.8	24,000 *	75.3	162.2	20,500 *
110	60	80	65.3	161.5	24,700 *	68.5	160.1	23,500 *	71.6	157.5	18,800 *
110	60	90	61.5	156.1	23,900 *	64.7	154.7	22,500 *	67.7	151.9	17,400 *
110	60	100	57.5	149.8	23,300 *	60.7	148.3	20,600 *	63.6	145.4	16,200 *
110	60	110	53.4	142.4	22,800 *	56.6	140.9	19,000 *	59.4	137.9	15,300 *
110	60	120	49.0	133.9	21,600 *	52.1	132.3	17,700 *	54.8	129.0	14,400 *
110	60	130	44.3	123.9	19,900 *	47.4	122.1	16,600 *	49.9	118.5	13,700 *
110	60	140	39.2	111.9	18,500 *	42.1	110.0	15,600 *			
110	60	150	33.3	97.4	17,200 *	36.1	95.1	14,900 *			
110	60	160	26.2	78.6	16,200 *						
110	70	35	81.9	186.7	21,900 *						
110	70	40	80.3	185.8	21,700 *						
110	70	50	77.0	183.4	21,200 *	80.7	182.1	20,200 *			
110	70	60	73.7	180.5	20,700 *	77.4	179.1	19,500 *	81.0	176.3	18,300 *
110	70	70	70.4	176.8	20,100 *	74.1	175.4	18,900 *	77.5	172.6	17,500 *
110	70	80	67.0	172.6	19,400 *	70.6	171.1	18,200 *	74.0	168.2	16,100 *
110	70	90	63.5	167.5	18,700 *	67.1	166.0	17,700 *	70.4	163.1	14,900 *
110	70	100	59.8	161.7	18,100 *	63.4	160.1	17,100 *	66.7	157.0	13,800 *
110	70	110	56.0	154.9	17,500 *	59.6	153.3	16,400 *	62.7	150.1	13,000 *
110	70	120	52.0	147.2	16,900 *	55.5	145.5	15,200 *	58.6	142.0	12,200 *
110	70	130	47.8	138.2	16,200 *	51.2	136.3	14,200 *	54.2	132.7	11,600 *
110	70	140	43.3	127.7	15,500 *	46.6	125.7	13,400 *	49.4	121.7	11,000 *
110	70	150	38.2	115.3	14,900 *	41.5	113.0	12,600 *			
110	70	160	32.5	100.1	14,000 *	35.7	97.5	12,000 *			
110	70	170	25.7	80.7	13,200 *						
110	80	40	81.0	196.0	17,800 *						
110	80	50	78.0	193.7	17,300 *						
110	80	60	74.9	190.9	16,900 *	78.9	189.4	15,800 *			
110	80	70	71.7	187.5	16,400 *	75.7	186.0	15,200 *	79.5	183.0	14,200 *
110	80	80	68.5	183.5	15,800 *	72.5	182.0	14,500 *	76.2	178.9	13,800 *
110	80	90	65.2	178.8	15,100 *	69.2	177.2	14,100 *	72.9	174.0	12,900 *
110	80	100	61.8	173.4	14,400 *	65.7	171.7	13,700 *	69.4	168.4	12,000 *
110	80	110	58.3	167.1	14,000 *	62.2	165.4	13,300 *	65.7	162.0	11,200 *
110	80	120	54.7	160.0	13,600 *	58.5	158.2	12,900 *	61.9	154.6	10,500 *
110	80	130	50.8	151.8	13,200 *	54.6	149.9	12,400 *	57.9	146.0	9,900 *
110	80	140	46.7	142.3	12,700 *	50.4	140.3	11,600 *	53.7	136.2	9,400 *
110	80	150	42.3	131.4	12,200 *	45.9	129.2	10,900 *	49.0	124.7	9,000 *
110	80	160	37.4	118.5	11,800 *	41.0	116.0	10,400 *			
110	80	170	31.9	102.8	11,400 *	35.3	99.9	9,900 *			
110	80	180	25.2	82.7	10,900 *						
110	90	40	81.7	206.1	13,900 *						
110	90	50	78.8	204.0	13,500 *						
110	90	60	75.9	201.4	13,000 *	80.2	199.8	12,100 *			

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+0 Ctwrt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the crane rating manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
110	90	70	72.9	198.2	12,600 *	77.2	196.5	11,500 *	81.3	193.3	10,400 *
110	90	80	69.9	194.4	12,000 *	74.2	192.7	10,900 *	78.2	189.4	10,200 *
110	90	90	66.8	189.9	11,400 *	71.0	188.2	10,400 *	75.0	184.9	10,000 *
110	90	100	63.6	184.8	10,800 *	67.8	183.1	10,200 *	71.8	179.6	9,800 *
110	90	110	60.3	179.0	10,300 *	64.5	177.2	9,900 *	68.4	173.6	9,500 *
110	90	120	56.9	172.4	10,100 *	61.1	170.5	9,700 *	64.9	166.7	9,100 *
110	90	130	53.4	164.8	9,900 *	57.5	162.8	9,500 *	61.2	158.9	8,600 *
110	90	140	49.6	156.2	9,600 *	53.7	154.1	9,200 *	57.3	150.0	8,100 *
110	90	150	45.7	146.3	9,300 *	49.6	144.1	8,900 *	53.1	139.6	7,700 *
110	90	160	41.4	135.0	9,000 *	45.3	132.5	8,500 *	48.6	127.6	7,400 *
110	90	170	36.6	121.6	8,600 *	40.4	118.9	8,000 *			
110	90	180	31.2	105.4	8,100 *						
110	100	50	79.6	214.3	9,600 *						
110	100	60	76.8	211.8	9,200 *	81.4	210.1	8,400 *			
110	100	70	74.0	208.7	8,700 *	78.6	207.0	8,100 *			
110	100	80	71.1	205.1	8,400 *	75.7	203.4	7,800 *	80.0	199.9	7,300 *
110	100	90	68.2	200.9	8,100 *	72.7	199.2	7,500 *	77.0	195.6	7,100 *
110	100	100	65.2	196.1	7,800 *	69.7	194.3	7,300 *	73.9	190.7	6,900 *
110	100	110	62.1	190.7	7,500 *	66.6	188.8	7,100 *	70.8	185.1	6,700 *
110	100	120	58.9	184.5	7,200 *	63.4	182.5	6,900 *	67.5	178.7	6,500 *
110	100	130	55.7	177.4	7,000 *	60.0	175.4	6,600 *	64.1	171.4	6,200 *
110	100	140	52.2	169.5	6,800 *	56.5	167.4	6,400 *	60.5	163.1	6,000 *
110	100	150	48.6	160.5	6,500 *	52.9	158.3	6,100 *	56.7	153.8	5,500 *
110	100	160	44.7	150.3	6,300 *	48.9	147.9	5,800 *	52.6	143.0	5,000 *
110	100	170	40.5	138.4	6,000 *	44.7	135.8	5,200 *	48.2	130.5	4,400 *
110	100	180	35.9	124.6	5,400 *	40.0	121.7	4,600 *			
110	100	190	30.7	107.9	4,700 *						
120	30	30	80.8	157.2	40,000 *						
120	30	35	78.9	156.3	40,000 *	80.8	155.5	40,000 *			
120	30	40	77.0	155.1	40,000 *	78.9	154.3	40,000 *	80.6	152.8	40,000 *
120	30	50	73.1	152.2	40,000 *	74.9	151.5	40,000 *	76.7	149.9	40,000 *
120	30	60	69.1	148.6	40,000 *	70.9	147.8	40,000 *	72.6	146.3	40,000 *
120	30	70	65.0	144.2	40,000 *	66.8	143.4	40,000 *	68.4	141.7	37,000 *
120	30	80	60.7	138.8	40,000 *	62.5	138.0	40,000 *	64.1	136.3	36,700 *
120	30	90	56.2	132.4	40,000 *	58.0	131.6	39,300 *	59.5	129.8	36,200 *
120	30	100	51.5	124.9	40,000 *	53.2	123.9	36,800 *	54.7	122.0	34,000 *
120	30	110	46.4	115.9	38,300 *	48.1	114.8	36,800 *	49.5	112.8	32,200 *
120	30	120	40.9	105.0	34,300	42.5	103.9	34,400			
120	30	130	34.6	91.7	30,600	36.1	90.3	30,600			
120	30	140	27.0	74.2	27,500						
120	40	30	81.7	167.4	36,000 *						
120	40	35	79.9	166.4	36,000 *						
120	40	40	78.1	165.4	36,000 *	80.5	164.4	35,800 *			
120	40	50	74.5	162.7	36,000 *	76.8	161.7	35,300 *	79.0	159.8	34,500 *

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+0 Cwtw 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the crane rating manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
120	40	60	70.7	159.3	35,800 *	73.1	158.3	34,800 *	75.2	156.4	34,300 *
120	40	70	66.9	155.2	35,300 *	69.2	154.2	34,500 *	71.3	152.2	31,500 *
120	40	80	63.0	150.3	34,800 *	65.2	149.2	34,300 *	67.3	147.1	29,100 *
120	40	90	58.9	144.4	34,500 *	61.1	143.3	34,100 *	63.1	141.2	27,000 *
120	40	100	54.6	137.5	34,200 *	56.8	136.4	32,000 *	58.7	134.1	25,300 *
120	40	110	50.1	129.5	32,900 *	52.2	128.3	29,600 *	54.1	125.8	23,900 *
120	40	120	45.2	120.0	31,200 *	47.3	118.6	27,600 *	49.0	116.0	22,700 *
120	40	130	39.8	108.6	29,000 *	41.9	107.1	26,000 *			
120	40	140	33.8	94.6	26,900 *	35.7	92.9	24,600 *			
120	40	150	26.4	76.4	25,100 *						
120	50	40	79.1	175.6	32,000 *	81.9	174.5	31,900 *			
120	50	50	75.7	173.1	32,000 *	78.5	172.0	31,100 *	81.1	169.7	29,300 *
120	50	60	72.2	169.9	32,000 *	74.9	168.8	30,200 *	77.5	166.5	27,500 *
120	50	70	68.6	166.1	31,100 *	71.4	164.9	29,400 *	73.9	162.6	25,100 *
120	50	80	65.0	161.5	30,200 *	67.7	160.3	29,000 *	70.1	157.9	23,200 *
120	50	90	61.2	156.1	29,400 *	63.9	154.8	27,900 *	66.3	152.3	21,500 *
120	50	100	57.3	149.8	28,900 *	59.9	148.5	25,600 *	62.2	145.9	20,200 *
120	50	110	53.1	142.5	27,700 *	55.7	141.1	23,700 *	58.0	138.3	19,000 *
120	50	120	48.8	133.9	26,100 *	51.3	132.4	22,100 *	53.5	129.5	18,000 *
120	50	130	44.0	123.9	24,500 *	46.5	122.3	20,700 *	48.6	119.1	17,200 *
120	50	140	38.9	112.0	22,700 *	41.3	110.2	19,600 *			
120	50	150	33.0	97.4	21,200 *	35.3	95.3	18,700 *			
120	50	160	25.9	78.6	19,900 *						
120	60	35	81.6	186.8	26,900 *						
120	60	40	80.0	185.8	26,800 *						
120	60	50	76.8	183.4	26,500 *	79.9	182.2	25,700 *			
120	60	60	73.5	180.5	26,300 *	76.6	179.2	25,000 *	79.6	176.6	22,900 *
120	60	70	70.1	176.9	25,700 *	73.3	175.5	24,200 *	76.2	172.9	20,900 *
120	60	80	66.7	172.6	25,000 *	69.8	171.2	23,700 *	72.7	168.5	19,200 *
120	60	90	63.2	167.5	24,200 *	66.3	166.1	23,200 *	69.1	163.4	17,900 *
120	60	100	59.6	161.7	23,600 *	62.6	160.3	21,400 *	65.3	157.4	16,700 *
120	60	110	55.8	155.0	23,100 *	58.8	153.4	19,800 *	61.4	150.4	15,700 *
120	60	120	51.8	147.2	22,200 *	54.7	145.6	18,400 *	57.3	142.4	14,800 *
120	60	130	47.5	138.2	20,900 *	50.4	136.5	17,300 *	52.9	133.0	14,100 *
120	60	140	43.0	127.7	19,500 *	45.8	125.8	16,300 *	48.2	122.1	13,500 *
120	60	150	38.0	115.3	18,200 *	40.7	113.2	15,400 *			
120	60	160	32.3	100.2	17,000 *						
120	60	170	25.4	80.7	16,100 *						
120	70	40	80.8	196.0	21,800 *						
120	70	50	77.7	193.7	21,300 *	81.2	192.4	20,300 *			
120	70	60	74.6	190.9	20,800 *	78.1	189.5	19,700 *	81.5	186.7	18,400 *
120	70	70	71.5	187.5	20,300 *	75.0	186.1	19,000 *	78.2	183.2	17,800 *
120	70	80	68.3	183.5	19,700 *	71.7	182.0	18,400 *	74.9	179.1	16,400 *
120	70	90	65.0	178.8	19,000 *	68.4	177.3	17,900 *	71.6	174.3	15,200 *

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+0 Ctwrt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the crane rating manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
120	70	100	61.6	173.4	18,400 *	65.0	171.8	17,300 *	68.1	168.7	14,200 *
120	70	110	58.1	167.1	17,800 *	61.4	165.5	16,800 *	64.5	162.2	13,300 *
120	70	120	54.4	160.0	17,200 *	57.7	158.3	15,800 *	60.7	154.8	12,500 *
120	70	130	50.5	151.8	16,600 *	53.8	150.0	14,700 *	56.7	146.3	11,900 *
120	70	140	46.4	142.3	16,000 *	49.7	140.4	13,900 *	52.4	136.5	11,300 *
120	70	150	42.0	131.4	15,300 *	45.2	129.3	13,100 *	47.8	125.0	10,900 *
120	70	160	37.2	118.5	14,700 *	40.2	116.1	12,500 *			
120	70	170	31.6	102.8	13,800 *						
120	80	40	81.5	206.1	17,900 *						
120	80	50	78.6	204.0	17,400 *						
120	80	60	75.7	201.4	17,000 *	79.5	199.8	15,900 *			
120	80	70	72.7	198.2	16,600 *	76.5	196.6	15,300 *	80.1	193.5	14,200 *
120	80	80	69.6	194.4	16,000 *	73.4	192.8	14,700 *	77.0	189.6	13,900 *
120	80	90	66.5	189.9	15,400 *	70.3	188.3	14,300 *	73.8	185.0	13,100 *
120	80	100	63.4	184.8	14,700 *	67.1	183.2	13,900 *	70.5	179.8	12,200 *
120	80	110	60.1	179.0	14,200 *	63.8	177.3	13,500 *	67.2	173.8	11,400 *
120	80	120	56.7	172.4	13,800 *	60.3	170.6	13,100 *	63.6	166.9	10,800 *
120	80	130	53.1	164.8	13,400 *	56.7	162.9	12,700 *	60.0	159.1	10,200 *
120	80	140	49.4	156.2	13,000 *	53.0	154.2	12,000 *	56.1	150.2	9,700 *
120	80	150	45.4	146.4	12,600 *	48.9	144.2	11,400 *	51.9	139.9	9,200 *
120	80	160	41.1	135.0	12,100 *	44.6	132.6	10,800 *	47.4	127.9	8,900 *
120	80	170	36.4	121.6	11,700 *	39.7	119.0	10,200 *			
120	80	180	31.0	105.4	11,400 *						
120	90	50	79.4	214.3	13,600 *						
120	90	60	76.6	211.8	13,100 *	80.7	210.1	12,200 *			
120	90	70	73.8	208.7	12,700 *	77.9	207.1	11,600 *	81.8	203.7	10,400 *
120	90	80	70.9	205.1	12,200 *	75.0	203.4	11,000 *	78.8	200.0	10,200 *
120	90	90	68.0	200.9	11,600 *	72.0	199.2	10,500 *	75.8	195.8	10,000 *
120	90	100	65.0	196.1	11,000 *	69.0	194.4	10,200 *	72.7	190.8	9,800 *
120	90	110	61.9	190.7	10,400 *	65.9	188.8	10,000 *	69.6	185.2	9,600 *
120	90	120	58.7	184.5	10,200 *	62.7	182.6	9,800 *	66.3	178.8	9,400 *
120	90	130	55.4	177.4	10,000 *	59.3	175.5	9,600 *	62.9	171.5	8,800 *
120	90	140	52.0	169.5	9,800 *	55.8	167.4	9,300 *	59.3	163.3	8,300 *
120	90	150	48.3	160.5	9,500 *	52.2	158.3	9,100 *	55.5	153.9	7,900 *
120	90	160	44.5	150.3	9,300 *	48.2	147.9	8,800 *	51.5	143.2	7,600 *
120	90	170	40.3	138.5	9,000 *	44.0	135.9	8,300 *	47.0	130.7	7,300 *
120	90	180	35.7	124.6	8,500 *	39.3	121.7	7,900 *			
120	90	190	30.4	107.9	8,000 *						
120	100	50	80.1	224.5	9,700 *						
120	100	60	77.4	222.1	9,300 *	81.8	220.4	8,400 *			
120	100	70	74.7	219.2	8,900 *	79.1	217.5	8,200 *			
120	100	80	72.0	215.8	8,500 *	76.4	214.0	7,900 *	80.5	210.4	7,300 *
120	100	90	69.2	211.8	8,200 *	73.6	210.0	7,600 *	77.7	206.4	7,200 *
120	100	100	66.4	207.3	7,900 *	70.7	205.4	7,400 *	74.7	201.7	7,000 *

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+0 Ctwrt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the crane rating manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
120	100	110	63.5	202.1	7,600 *	67.8	200.2	7,200 *	71.8	196.4	6,800 *
120	100	120	60.5	196.3	7,300 *	64.7	194.3	7,000 *	68.7	190.4	6,500 *
120	100	130	57.4	189.7	7,100 *	61.6	187.7	6,700 *	65.5	183.6	6,300 *
120	100	140	54.2	182.4	6,900 *	58.4	180.2	6,500 *	62.2	176.0	6,100 *
120	100	150	50.9	174.1	6,700 *	55.0	171.8	6,300 *	58.7	167.3	5,800 *
120	100	160	47.4	164.7	6,500 *	51.4	162.3	6,000 *	55.0	157.6	5,300 *
120	100	170	43.6	154.1	6,200 *	47.6	151.5	5,600 *	51.0	146.4	4,800 *
120	100	180	39.5	141.9	5,900 *	43.4	139.1	5,100 *	46.7	133.4	4,200 *
120	100	190	35.0	127.6	5,300 *	38.8	124.5	4,500 *			
120	100	200	29.9	110.4	4,600 *						
130	30	30	81.4	167.4	40,000 *						
130	30	35	79.6	166.5	40,000 *	81.4	165.7	40,000 *			
130	30	40	77.8	165.4	40,000 *	79.6	164.6	40,000 *	81.2	163.1	40,000 *
130	30	50	74.2	162.7	40,000 *	75.9	161.9	40,000 *	77.5	160.4	40,000 *
130	30	60	70.4	159.3	40,000 *	72.2	158.5	40,000 *	73.8	157.0	40,000 *
130	30	70	66.6	155.2	40,000 *	68.3	154.4	40,000 *	69.9	152.8	37,900 *
130	30	80	62.7	150.3	40,000 *	64.4	149.4	40,000 *	65.9	147.8	36,700 *
130	30	90	58.6	144.4	40,000 *	60.2	143.6	40,000 *	61.7	141.8	36,700 *
130	30	100	54.3	137.6	40,000 *	55.9	136.6	37,900 *	57.3	134.8	35,100 *
130	30	110	49.8	129.5	38,200	51.4	128.5	36,700 *	52.7	126.5	33,200 *
130	30	120	44.9	120.0	34,000	46.4	118.9	34,100	47.7	116.8	31,600 *
130	30	130	39.5	108.6	30,300	41.0	107.4	30,400			
130	30	140	33.5	94.6	27,200						
130	30	150	26.2	76.5	24,500						
130	40	35	80.5	176.6	36,000 *						
130	40	40	78.8	175.6	36,000 *	81.1	174.7	35,800 *			
130	40	50	75.4	173.1	36,000 *	77.6	172.1	35,400 *	79.7	170.2	34,500 *
130	40	60	71.9	169.9	35,900 *	74.1	169.0	34,900 *	76.1	167.0	34,300 *
130	40	70	68.3	166.1	35,500 *	70.5	165.1	34,600 *	72.5	163.1	32,300 *
130	40	80	64.7	161.5	35,000 *	66.8	160.5	34,400 *	68.8	158.4	29,900 *
130	40	90	60.9	156.1	34,600 *	63.0	155.0	34,200 *	64.9	152.9	27,800 *
130	40	100	57.0	149.8	34,400 *	59.1	148.7	33,400 *	60.9	146.4	26,100 *
130	40	110	52.8	142.5	33,100 *	54.9	141.3	30,900 *	56.7	138.9	24,600 *
130	40	120	48.5	133.9	31,200 *	50.5	132.7	28,800 *	52.2	130.1	23,400 *
130	40	130	43.8	123.9	29,600 *	45.7	122.5	27,100 *	47.3	119.8	22,400 *
130	40	140	38.6	112.0	27,600	40.5	110.5	25,600 *			
130	40	150	32.7	97.4	24,900						
130	40	160	25.6	78.6	22,600						
130	50	35	81.3	186.8	32,000 *						
130	50	40	79.7	185.8	32,000 *						
130	50	50	76.5	183.5	32,000 *	79.1	182.3	31,200 *	81.6	180.0	29,400 *
130	50	60	73.2	180.5	32,000 *	75.8	179.3	30,400 *	78.3	177.0	28,100 *
130	50	70	69.9	176.9	31,400 *	72.4	175.7	29,600 *	74.9	173.3	25,700 *
130	50	80	66.4	172.6	30,600 *	69.0	171.4	29,100 *	71.4	168.9	23,700 *

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+0 Ctwrt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the crane rating manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
130	50	90	62.9	167.6	29,700 *	65.5	166.3	28,700 *	67.8	163.8	22,100 *
130	50	100	59.3	161.7	29,100 *	61.8	160.4	26,600 *	64.0	157.8	20,700 *
130	50	110	55.5	155.0	27,800 *	58.0	153.6	24,700 *	60.1	150.9	19,500 *
130	50	120	51.5	147.2	26,100 *	53.9	145.8	23,000 *	56.0	142.9	18,500 *
130	50	130	47.3	138.2	24,600 *	49.7	136.7	21,600 *	51.7	133.6	17,700 *
130	50	140	42.7	127.7	23,200 *	45.0	126.0	20,400 *	46.9	122.7	16,900 *
130	50	150	37.7	115.3	22,100 *	40.0	113.4	19,300 *			
130	50	160	32.0	100.2	21,000 *						
130	50	170	25.1	80.7	19,800 *						
130	60	40	80.5	196.0	26,800 *						
130	60	50	77.5	193.8	26,600 *	80.5	192.5	25,800 *			
130	60	60	74.4	191.0	26,300 *	77.4	189.6	25,100 *	80.2	187.0	23,300 *
130	60	70	71.2	187.6	26,000 *	74.2	186.2	24,400 *	77.0	183.6	21,300 *
130	60	80	68.0	183.5	25,300 *	70.9	182.2	23,800 *	73.7	179.4	19,700 *
130	60	90	64.7	178.8	24,500 *	67.6	177.4	23,400 *	70.3	174.6	18,300 *
130	60	100	61.3	173.4	23,900 *	64.2	171.9	22,200 *	66.8	169.0	17,100 *
130	60	110	57.8	167.1	23,400 *	60.7	165.6	20,500 *	63.2	162.6	16,100 *
130	60	120	54.1	160.0	22,300 *	57.0	158.4	19,100 *	59.4	155.2	15,200 *
130	60	130	50.3	151.8	20,900 *	53.1	150.1	17,900 *	55.4	146.8	14,500 *
130	60	140	46.2	142.3	19,700 *	48.9	140.6	16,900 *	51.2	137.0	13,900 *
130	60	150	41.8	131.4	18,600 *	44.4	129.5	16,000 *	46.6	125.5	13,300 *
130	60	160	36.9	118.5	17,600 *	39.5	116.3	15,200 *			
130	60	170	31.4	102.8	16,700 *						
130	70	40	81.2	206.2	21,800 *						
130	70	50	78.3	204.0	21,400 *	81.7	202.6	20,400 *			
130	70	60	75.4	201.4	21,000 *	78.7	199.9	19,800 *	81.9	197.0	18,400 *
130	70	70	72.4	198.2	20,500 *	75.7	196.7	19,200 *	78.9	193.8	18,000 *
130	70	80	69.4	194.4	19,900 *	72.7	192.9	18,600 *	75.8	189.9	16,700 *
130	70	90	66.3	189.9	19,300 *	69.6	188.4	18,100 *	72.6	185.3	15,500 *
130	70	100	63.1	184.8	18,700 *	66.4	183.3	17,600 *	69.3	180.1	14,500 *
130	70	110	59.8	179.0	18,100 *	63.0	177.4	17,000 *	66.0	174.1	13,600 *
130	70	120	56.4	172.4	17,600 *	59.6	170.7	16,300 *	62.4	167.2	12,800 *
130	70	130	52.9	164.8	17,000 *	56.0	163.0	15,300 *	58.8	159.4	12,200 *
130	70	140	49.2	156.2	16,400 *	52.2	154.3	14,400 *	54.9	150.5	11,600 *
130	70	150	45.2	146.4	15,800 *	48.2	144.3	13,600 *	50.7	140.2	11,100 *
130	70	160	40.9	135.0	15,100 *	43.8	132.8	12,900 *	46.2	128.3	10,700 *
130	70	170	36.1	121.6	14,300 *	39.0	119.1	12,300 *			
130	70	180	30.8	105.4	13,600 *						
130	80	40	81.9	216.3	17,900 *						
130	80	50	79.1	214.3	17,500 *						
130	80	60	76.3	211.8	17,100 *	80.0	210.2	16,000 *			
130	80	70	73.5	208.7	16,700 *	77.1	207.1	15,500 *	80.6	203.9	14,300 *
130	80	80	70.7	205.1	16,200 *	74.3	203.5	14,900 *	77.7	200.2	14,000 *
130	80	90	67.7	200.9	15,600 *	71.3	199.3	14,400 *	74.7	196.0	13,400 *

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+0 Ctwrt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the crane rating manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
130	80	100	64.7	196.1	15,000 *	68.3	194.4	14,000 *	71.6	191.0	12,500 *
130	80	110	61.7	190.7	14,400 *	65.2	188.9	13,700 *	68.4	185.4	11,700 *
130	80	120	58.5	184.5	14,100 *	62.0	182.6	13,300 *	65.1	179.0	11,000 *
130	80	130	55.2	177.5	13,700 *	58.6	175.6	12,900 *	61.7	171.8	10,400 *
130	80	140	51.7	169.5	13,300 *	55.1	167.5	12,500 *	58.2	163.5	9,900 *
130	80	150	48.1	160.5	12,900 *	51.5	158.4	11,700 *	54.4	154.2	9,500 *
130	80	160	44.2	150.3	12,400 *	47.5	148.0	11,100 *	50.3	143.5	9,100 *
130	80	170	40.1	138.5	12,000 *	43.3	136.0	10,600 *	45.9	131.0	8,700 *
130	80	180	35.5	124.6	11,600 *	38.6	121.9	10,100 *			
130	80	190	30.2	108.0	11,200 *						
130	90	50	79.9	224.5	13,600 *						
130	90	60	77.2	222.1	13,200 *	81.1	220.4	12,300 *			
130	90	70	74.5	219.2	12,800 *	78.4	217.5	11,700 *			
130	90	80	71.8	215.8	12,400 *	75.7	214.1	11,200 *	79.4	210.6	10,300 *
130	90	90	69.0	211.8	11,900 *	72.9	210.1	10,600 *	76.5	206.5	10,100 *
130	90	100	66.2	207.3	11,300 *	70.0	205.5	10,300 *	73.6	201.9	9,900 *
130	90	110	63.3	202.1	10,700 *	67.1	200.3	10,100 *	70.6	196.6	9,700 *
130	90	120	60.3	196.3	10,300 *	64.1	194.4	9,900 *	67.6	190.6	9,500 *
130	90	130	57.2	189.8	10,100 *	61.0	187.8	9,700 *	64.4	183.8	9,000 *
130	90	140	54.0	182.4	9,900 *	57.7	180.3	9,500 *	61.1	176.1	8,500 *
130	90	150	50.7	174.1	9,700 *	54.3	171.9	9,200 *	57.6	167.5	8,100 *
130	90	160	47.1	164.7	9,400 *	50.7	162.4	9,000 *	53.9	157.8	7,800 *
130	90	170	43.4	154.1	9,200 *	46.9	151.6	8,600 *	49.9	146.6	7,500 *
130	90	180	39.3	141.9	8,900 *	42.8	139.2	8,200 *	45.6	133.6	7,200 *
130	90	190	34.8	127.6	8,400 *	38.2	124.6	7,800 *			
130	90	200	29.7	110.4	7,900 *						
130	100	50	80.5	234.7	9,700 *						
130	100	60	78.0	232.4	9,300 *						
130	100	70	75.4	229.7	9,000 *	79.6	227.9	8,200 *			
130	100	80	72.8	226.4	8,600 *	77.0	224.6	7,900 *	80.9	220.9	7,400 *
130	100	90	70.2	222.6	8,300 *	74.3	220.8	7,700 *	78.2	217.0	7,200 *
130	100	100	67.5	218.3	8,000 *	71.6	216.4	7,400 *	75.5	212.6	7,000 *
130	100	110	64.8	213.5	7,700 *	68.8	211.5	7,200 *	72.7	207.6	6,800 *
130	100	120	61.9	208.0	7,400 *	66.0	206.0	7,000 *	69.8	201.9	6,600 *
130	100	130	59.0	201.8	7,200 *	63.1	199.7	6,800 *	66.8	195.6	6,400 *
130	100	140	56.0	194.9	7,000 *	60.0	192.7	6,600 *	63.7	188.4	6,200 *
130	100	150	52.9	187.2	6,800 *	56.9	184.9	6,400 *	60.4	180.4	6,000 *
130	100	160	49.7	178.5	6,600 *	53.6	176.2	6,200 *	57.0	171.4	5,600 *
130	100	170	46.2	168.8	6,400 *	50.1	166.3	6,000 *	53.4	161.3	5,100 *
130	100	180	42.5	157.8	6,100 *	46.3	155.1	5,500 *	49.6	149.7	4,600 *
130	100	190	38.6	145.2	5,800 *	42.3	142.2	4,900 *	45.3	136.2	4,000 *
130	100	200	34.2	130.5	5,200 *	37.8	127.2	4,300 *			
130	100	210	29.2	112.8	4,500 *						
140	30	30	81.9	177.5	40,000 *						

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+0 Ctwrt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the crane rating manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
140	30	35	80.2	176.6	40,000 *	81.9	175.9	40,000 *			
140	30	40	78.5	175.6	40,000 *	80.2	174.9	40,000 *	81.8	173.3	40,000 *
140	30	50	75.1	173.1	40,000 *	76.8	172.3	40,000 *	78.3	170.8	40,000 *
140	30	60	71.6	170.0	40,000 *	73.2	169.2	40,000 *	74.8	167.6	40,000 *
140	30	70	68.0	166.1	40,000 *	69.7	165.3	40,000 *	71.1	163.7	38,900 *
140	30	80	64.4	161.5	40,000 *	66.0	160.7	40,000 *	67.4	159.0	36,700 *
140	30	90	60.6	156.1	40,000 *	62.2	155.3	40,000 *	63.6	153.5	36,700 *
140	30	100	56.7	149.8	40,000 *	58.2	148.9	39,400 *	59.6	147.1	36,200 *
140	30	110	52.6	142.5	37,900 *	54.1	141.5	36,700 *	55.4	139.6	34,200 *
140	30	120	48.2	134.0	33,700 *	49.7	132.9	33,900 *	50.9	130.9	32,600 *
140	30	130	43.5	123.9	30,000 *	44.9	122.8	30,100 *	46.1	120.6	30,300 *
140	30	140	38.3	112.0	26,900 *	39.7	110.8	27,000 *			
140	30	150	32.4	97.5	24,200 *						
140	30	160	25.3	78.7	21,900 *						
140	40	35	81.0	186.8	36,000 *						
140	40	40	79.4	185.8	36,000 *	81.6	184.9	35,900 *			
140	40	50	76.2	183.5	36,000 *	78.3	182.5	35,500 *	80.3	180.5	34,600 *
140	40	60	72.9	180.5	36,000 *	75.0	179.5	35,000 *	76.9	177.5	34,400 *
140	40	70	69.6	176.9	35,600 *	71.6	175.9	34,600 *	73.5	173.9	33,100 *
140	40	80	66.2	172.6	35,200 *	68.2	171.6	34,400 *	70.1	169.5	30,600 *
140	40	90	62.7	167.6	34,700 *	64.7	166.5	34,200 *	66.5	164.4	28,600 *
140	40	100	59.0	161.7	34,500 *	61.0	160.6	34,000 *	62.8	158.4	26,800 *
140	40	110	55.2	155.0	33,100 *	57.2	153.8	32,200 *	58.9	151.5	25,300 *
140	40	120	51.2	147.2	31,300 *	53.2	146.0	30,000 *	54.8	143.5	24,100 *
140	40	130	47.0	138.2	29,600 *	48.9	136.9	28,200 *	50.4	134.3	23,000 *
140	40	140	42.5	127.7	27,300 *	44.3	126.3	26,600 *	45.7	123.4	22,100 *
140	40	150	37.4	115.3	24,600 *	39.2	113.7	24,700 *			
140	40	160	31.7	100.2	22,300 *						
140	50	35	81.8	196.9	32,000 *						
140	50	40	80.3	196.0	32,000 *						
140	50	50	77.2	193.8	32,000 *	79.7	192.6	31,400 *			
140	50	60	74.1	191.0	32,000 *	76.6	189.8	30,600 *	78.9	187.5	28,600 *
140	50	70	71.0	187.6	31,700 *	73.4	186.4	29,800 *	75.7	184.0	26,200 *
140	50	80	67.7	183.5	30,900 *	70.2	182.3	29,200 *	72.4	179.9	24,300 *
140	50	90	64.5	178.8	30,100 *	66.9	177.6	28,900 *	69.1	175.1	22,600 *
140	50	100	61.1	173.4	29,300 *	63.4	172.1	27,600 *	65.6	169.5	21,200 *
140	50	110	57.5	167.2	27,800 *	59.9	165.8	25,600 *	62.0	163.1	20,000 *
140	50	120	53.9	160.0	26,200 *	56.2	158.6	23,900 *	58.2	155.8	19,000 *
140	50	130	50.0	151.8	24,600 *	52.3	150.3	22,400 *	54.2	147.3	18,100 *
140	50	140	45.9	142.4	23,200 *	48.2	140.8	21,100 *	50.0	137.5	17,400 *
140	50	150	41.5	131.4	22,000 *	43.7	129.7	20,000 *	45.4	126.2	16,700 *
140	50	160	36.6	118.5	20,900 *	38.8	116.6	19,100 *			
140	50	170	31.1	102.9	19,900 *						
140	60	40	81.0	206.2	26,900 *						

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+0 Ctwrt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the crane rating manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
140	60	50	78.1	204.1	26,600 *	81.0	202.7	25,900 *			
140	60	60	75.2	201.4	26,400 *	78.0	200.1	25,300 *	80.7	197.4	23,600 *
140	60	70	72.2	198.2	26,200 *	75.0	196.8	24,600 *	77.7	194.1	21,700 *
140	60	80	69.2	194.4	25,500 *	72.0	193.0	23,900 *	74.6	190.2	20,000 *
140	60	90	66.1	190.0	24,800 *	68.8	188.5	23,500 *	71.4	185.7	18,700 *
140	60	100	62.9	184.9	24,100 *	65.6	183.4	22,900 *	68.1	180.5	17,500 *
140	60	110	59.6	179.0	23,600 *	62.3	177.5	21,200 *	64.8	174.5	16,500 *
140	60	120	56.2	172.4	22,400 *	58.9	170.8	19,800 *	61.3	167.7	15,600 *
140	60	130	52.6	164.8	21,000 *	55.3	163.2	18,600 *	57.6	159.9	14,900 *
140	60	140	48.9	156.2	19,700 *	51.5	154.5	17,500 *	53.7	151.0	14,200 *
140	60	150	44.9	146.4	18,600 *	47.5	144.5	16,600 *	49.6	140.8	13,600 *
140	60	160	40.6	135.0	17,600 *	43.1	133.0	15,800 *	45.1	128.8	13,200 *
140	60	170	35.9	121.6	16,700 *	38.3	119.4	15,100 *			
140	60	180	30.5	105.5	15,900 *						
140	70	40	81.7	216.3	21,900 *						
140	70	50	78.9	214.3	21,500 *						
140	70	60	76.1	211.8	21,100 *	79.3	210.3	19,900 *			
140	70	70	73.3	208.7	20,600 *	76.4	207.2	19,300 *	79.4	204.2	18,000 *
140	70	80	70.4	205.1	20,100 *	73.6	203.6	18,800 *	76.5	200.6	17,000 *
140	70	90	67.5	201.0	19,500 *	70.6	199.4	18,200 *	73.5	196.3	15,800 *
140	70	100	64.5	196.2	19,000 *	67.6	194.5	17,700 *	70.4	191.3	14,800 *
140	70	110	61.4	190.7	18,400 *	64.5	189.0	17,300 *	67.3	185.7	13,900 *
140	70	120	58.2	184.5	17,900 *	61.3	182.8	16,700 *	64.0	179.3	13,200 *
140	70	130	54.9	177.5	17,300 *	57.9	175.7	15,800 *	60.6	172.1	12,500 *
140	70	140	51.5	169.5	16,800 *	54.5	167.7	14,900 *	57.0	163.9	11,900 *
140	70	150	47.9	160.5	16,000 *	50.8	158.6	14,000 *	53.3	154.6	11,400 *
140	70	160	44.0	150.3	15,000 *	46.9	148.2	13,300 *	49.2	143.9	11,000 *
140	70	170	39.8	138.5	14,200 *	42.6	136.2	12,700 *			
140	70	180	35.2	124.7	13,500 *	37.9	122.1	12,200 *			
140	70	190	30.0	108.0	12,900 *						
140	80	50	79.6	224.5	17,600 *						
140	80	60	77.0	222.1	17,200 *	80.5	220.5	16,100 *			
140	80	70	74.3	219.2	16,800 *	77.8	217.6	15,600 *	81.1	214.3	14,300 *
140	80	80	71.6	215.8	16,400 *	75.0	214.1	15,100 *	78.3	210.8	14,000 *
140	80	90	68.8	211.8	15,800 *	72.2	210.2	14,500 *	75.4	206.8	13,600 *
140	80	100	66.0	207.3	15,200 *	69.4	205.6	14,100 *	72.5	202.1	12,700 *
140	80	110	63.1	202.1	14,700 *	66.4	200.4	13,800 *	69.5	196.8	11,900 *
140	80	120	60.1	196.3	14,200 *	63.4	194.5	13,500 *	66.5	190.8	11,300 *
140	80	130	57.0	189.8	13,900 *	60.3	187.9	13,100 *	63.3	184.1	10,700 *
140	80	140	53.8	182.4	13,500 *	57.1	180.4	12,800 *	60.0	176.4	10,100 *
140	80	150	50.4	174.1	13,100 *	53.7	172.0	12,100 *	56.5	167.8	9,700 *
140	80	160	46.9	164.7	12,700 *	50.1	162.5	11,500 *	52.8	158.1	9,300 *
140	80	170	43.1	154.1	12,300 *	46.3	151.7	10,900 *	48.9	146.9	8,900 *
140	80	180	39.1	141.9	11,700 *	42.1	139.3	10,400 *			
140	80	190	34.6	127.6	11,100 *	37.5	124.7	10,000 *			

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+0 Ctwrt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the crane rating manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
140	80	200	29.5	110.4	10,600 *						
140	90	50	80.3	234.7	13,700 *						
140	90	60	77.8	232.4	13,300 *	81.5	230.7	12,400 *			
140	90	70	75.2	229.7	12,900 *	78.9	227.9	11,800 *			
140	90	80	72.6	226.4	12,500 *	76.3	224.6	11,300 *	79.9	221.1	10,300 *
140	90	90	70.0	222.7	12,000 *	73.7	220.8	10,800 *	77.2	217.2	10,100 *
140	90	100	67.3	218.3	11,500 *	71.0	216.5	10,400 *	74.4	212.8	9,900 *
140	90	110	64.5	213.5	11,000 *	68.2	211.6	10,200 *	71.6	207.8	9,700 *
140	90	120	61.7	208.0	10,400 *	65.3	206.0	10,000 *	68.7	202.1	9,500 *
140	90	130	58.8	201.8	10,200 *	62.4	199.8	9,800 *	65.7	195.8	9,200 *
140	90	140	55.8	194.9	10,000 *	59.4	192.8	9,600 *	62.6	188.7	8,700 *
140	90	150	52.7	187.2	9,800 *	56.2	185.0	9,400 *	59.4	180.7	8,300 *
140	90	160	49.5	178.5	9,600 *	52.9	176.3	9,100 *	56.0	171.7	8,000 *
140	90	170	46.0	168.8	9,400 *	49.4	166.4	8,900 *	52.4	161.5	7,500 *
140	90	180	42.3	157.8	9,100 *	45.7	155.2	8,500 *	48.5	149.9	6,900 *
140	90	190	38.4	145.2	8,800 *	41.7	142.3	8,100 *			
140	90	200	34.0	130.5	8,300 *	37.2	127.3	7,700 *			
140	90	210	29.0	112.8	7,800 *						
140	100	50	80.9	244.9	9,800 *						
140	100	60	78.5	242.7	9,400 *						
140	100	70	76.0	240.1	9,100 *	80.0	238.2	8,300 *			
140	100	80	73.6	237.0	8,700 *	77.5	235.1	8,000 *	81.3	231.3	7,400 *
140	100	90	71.1	233.4	8,400 *	75.0	231.5	7,800 *	78.8	227.6	7,200 *
140	100	100	68.5	229.3	8,100 *	72.4	227.3	7,500 *	76.1	223.4	7,100 *
140	100	110	65.9	224.6	7,800 *	69.8	222.7	7,300 *	73.5	218.7	6,900 *
140	100	120	63.2	219.4	7,600 *	67.1	217.4	7,100 *	70.7	213.3	6,700 *
140	100	130	60.5	213.6	7,300 *	64.3	211.5	6,900 *	67.9	207.3	6,500 *
140	100	140	57.7	207.1	7,200 *	61.5	205.0	6,700 *	65.0	200.6	6,300 *
140	100	150	54.7	199.9	7,000 *	58.5	197.6	6,500 *	62.0	193.1	6,100 *
140	100	160	51.7	191.8	6,700 *	55.5	189.5	6,300 *	58.8	184.8	5,800 *
140	100	170	48.5	182.9	6,500 *	52.2	180.4	6,100 *	55.5	175.4	5,300 *
140	100	180	45.2	172.8	6,300 *	48.8	170.2	5,800 *	52.0	164.9	4,900 *
140	100	190	41.6	161.4	6,100 *	45.2	158.6	5,300 *	48.2	152.9	4,400 *
140	100	200	37.7	148.4	5,600 *	41.2	145.3	4,800 *			
140	100	210	33.4	133.3	5,100 *	36.8	129.8	4,200 *			
140	100	220	28.5	115.2	4,400 *						
150	30	35	80.8	186.8	40,000 *						
150	30	40	79.2	185.9	40,000 *	80.7	185.1	40,000 *			
150	30	50	75.9	183.5	40,000 *	77.5	182.7	40,000 *	79.0	181.1	40,000 *
150	30	60	72.7	180.5	40,000 *	74.2	179.7	40,000 *	75.6	178.1	40,000 *
150	30	70	69.3	176.9	40,000 *	70.9	176.1	40,000 *	72.2	174.5	39,700 *
150	30	80	65.9	172.6	40,000 *	67.4	171.8	40,000 *	68.8	170.1	37,100 *
150	30	90	62.4	167.6	40,000 *	63.9	166.7	40,000 *	65.2	165.0	36,700 *
150	30	100	58.7	161.8	40,000 *	60.2	160.9	40,000 *	61.5	159.1	36,700 *

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+0 Cwt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the crane rating manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
150	30	110	55.0	155.0	37,500	56.4	154.1	37,800	57.6	152.2	35,200 *
150	30	120	51.0	147.3	33,400	52.4	146.3	33,600	53.6	144.3	33,500 *
150	30	130	46.7	138.3	29,700	48.1	137.2	29,800	49.3	135.1	30,000
150	30	140	42.2	127.8	26,600	43.5	126.6	26,700			
150	30	150	37.2	115.4	23,900	38.5	114.1	24,000			
150	30	160	31.5	100.3	21,600						
150	40	35	81.5	196.9	36,000 *						
150	40	40	80.0	196.0	36,000 *						
150	40	50	76.9	193.8	36,000 *	78.9	192.8	35,600 *	80.8	190.8	34,600 *
150	40	60	73.8	191.0	36,000 *	75.8	190.0	35,100 *	77.7	188.0	34,400 *
150	40	70	70.7	187.6	35,800 *	72.7	186.6	34,700 *	74.5	184.5	33,800 *
150	40	80	67.5	183.6	35,400 *	69.4	182.5	34,500 *	71.2	180.4	31,400 *
150	40	90	64.2	178.9	34,900 *	66.1	177.8	34,300 *	67.8	175.6	29,300 *
150	40	100	60.8	173.4	34,600 *	62.7	172.3	34,000 *	64.4	170.1	27,500 *
150	40	110	57.3	167.2	33,100 *	59.2	166.0	32,100 *	60.8	163.7	26,000 *
150	40	120	53.6	160.0	31,200 *	55.5	158.8	30,600 *	57.0	156.4	24,700 *
150	40	130	49.8	151.8	29,500 *	51.6	150.5	29,000 *	53.1	148.0	23,600 *
150	40	140	45.7	142.4	26,900	47.4	141.0	27,100	48.9	138.3	22,700 *
150	40	150	41.3	131.5	24,300	43.0	130.0	24,400			
150	40	160	36.4	118.6	22,000	38.0	116.9	22,000			
150	40	170	30.9	102.9	19,900						
150	50	40	80.7	206.2	32,000 *						
150	50	50	77.8	204.1	32,000 *	80.2	202.9	31,500 *			
150	50	60	74.9	201.4	32,000 *	77.3	200.2	30,800 *	79.5	197.9	29,000 *
150	50	70	71.9	198.2	31,900 *	74.3	197.0	30,000 *	76.5	194.6	26,700 *
150	50	80	68.9	194.4	31,200 *	71.2	193.2	29,400 *	73.4	190.7	24,800 *
150	50	90	65.8	190.0	30,400 *	68.1	188.7	29,000 *	70.2	186.2	23,100 *
150	50	100	62.6	184.9	29,600 *	64.9	183.6	28,600 *	67.0	181.0	21,700 *
150	50	110	59.4	179.1	27,900 *	61.6	177.7	26,500 *	63.6	175.0	20,500 *
150	50	120	56.0	172.4	26,200 *	58.2	171.0	24,700 *	60.1	168.2	19,500 *
150	50	130	52.4	164.9	24,600 *	54.6	163.4	23,200 *	56.5	160.5	18,600 *
150	50	140	48.7	156.3	23,200 *	50.8	154.7	21,900 *	52.6	151.6	17,800 *
150	50	150	44.7	146.4	21,900 *	46.8	144.7	20,800 *	48.5	141.4	17,100 *
150	50	160	40.4	135.0	20,800 *	42.5	133.2	19,800 *			
150	50	170	35.7	121.7	19,800 *	37.6	119.6	18,900 *			
150	50	180	30.3	105.5	18,500						
150	60	40	81.4	216.3	26,900 *						
150	60	50	78.7	214.3	26,700 *	81.4	213.0	26,000 *			
150	60	60	75.9	211.8	26,500 *	78.6	210.4	25,400 *	81.2	207.7	23,800 *
150	60	70	73.1	208.7	26,200 *	75.8	207.4	24,800 *	78.3	204.6	22,000 *
150	60	80	70.2	205.2	25,800 *	72.9	203.7	24,100 *	75.4	201.0	20,400 *
150	60	90	67.3	201.0	25,100 *	69.9	199.5	23,700 *	72.4	196.7	19,000 *
150	60	100	64.3	196.2	24,400 *	66.9	194.7	23,300 *	69.3	191.8	17,900 *
150	60	110	61.2	190.7	23,800 *	63.8	189.2	21,900 *	66.1	186.2	16,900 *

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+0 Ctwrt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the crane rating manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
150	60	120	58.0	184.5	22,400 *	60.6	182.9	20,500 *	62.9	179.8	16,000 *
150	60	130	54.7	177.5	21,000 *	57.3	175.8	19,200 *	59.5	172.6	15,200 *
150	60	140	51.3	169.6	19,700 *	53.8	167.8	18,100 *	55.9	164.4	14,500 *
150	60	150	47.6	160.6	18,600 *	50.1	158.7	17,100 *	52.2	155.1	14,000 *
150	60	160	43.8	150.3	17,500 *	46.2	148.4	16,300 *	48.2	144.4	13,400 *
150	60	170	39.6	138.5	16,600 *	42.0	136.4	15,600 *			
150	60	180	35.0	124.7	15,700 *	37.3	122.3	14,900 *			
150	60	190	29.7	108.0	15,000 *						
150	70	50	79.4	224.5	21,600 *						
150	70	60	76.8	222.1	21,200 *	79.8	220.6	20,000 *			
150	70	70	74.1	219.2	20,800 *	77.1	217.7	19,500 *	79.9	214.7	18,100 *
150	70	80	71.3	215.8	20,300 *	74.3	214.3	18,900 *	77.2	211.2	17,300 *
150	70	90	68.6	211.9	19,800 *	71.5	210.3	18,400 *	74.3	207.1	16,100 *
150	70	100	65.7	207.3	19,200 *	68.7	205.7	17,900 *	71.4	202.5	15,100 *
150	70	110	62.8	202.2	18,600 *	65.8	200.5	17,500 *	68.4	197.2	14,200 *
150	70	120	59.9	196.3	18,100 *	62.8	194.6	17,000 *	65.4	191.2	13,400 *
150	70	130	56.8	189.8	17,600 *	59.6	188.0	16,300 *	62.2	184.4	12,800 *
150	70	140	53.6	182.4	17,000 *	56.4	180.6	15,400 *	58.9	176.8	12,200 *
150	70	150	50.2	174.1	16,000 *	53.0	172.2	14,500 *	55.4	168.3	11,700 *
150	70	160	46.7	164.7	15,000 *	49.4	162.7	13,800 *	51.8	158.5	11,200 *
150	70	170	42.9	154.1	14,200 *	45.6	151.9	13,100 *	47.8	147.4	10,800 *
150	70	180	38.9	141.9	13,400 *	41.5	139.5	12,600 *			
150	70	190	34.4	127.6	12,800 *	36.9	124.9	12,100 *			
150	70	200	29.2	110.5	12,200 *						
150	80	50	80.1	234.7	17,700 *						
150	80	60	77.6	232.4	17,300 *	80.9	230.8	16,200 *			
150	80	70	75.0	229.7	16,900 *	78.3	228.0	15,700 *	81.5	224.7	14,400 *
150	80	80	72.4	226.4	16,500 *	75.7	224.7	15,200 *	78.8	221.4	14,100 *
150	80	90	69.8	222.7	16,000 *	73.0	220.9	14,700 *	76.1	217.5	13,800 *
150	80	100	67.1	218.4	15,500 *	70.3	216.6	14,300 *	73.4	213.1	13,000 *
150	80	110	64.3	213.5	14,900 *	67.6	211.7	13,900 *	70.5	208.1	12,200 *
150	80	120	61.5	208.0	14,400 *	64.7	206.1	13,600 *	67.6	202.4	11,500 *
150	80	130	58.6	201.8	14,100 *	61.8	199.9	13,300 *	64.7	196.1	10,900 *
150	80	140	55.6	194.9	13,700 *	58.8	192.9	12,900 *	61.6	189.0	10,400 *
150	80	150	52.5	187.2	13,400 *	55.6	185.1	12,500 *	58.3	181.0	9,900 *
150	80	160	49.2	178.5	13,000 *	52.3	176.4	11,900 *	55.0	172.0	9,500 *
150	80	170	45.8	168.8	12,300 *	48.8	166.5	11,300 *	51.4	161.9	9,100 *
150	80	180	42.1	157.8	11,600 *	45.1	155.3	10,800 *	47.5	150.3	8,400 *
150	80	190	38.2	145.2	11,000 *	41.0	142.5	10,300 *			
150	80	200	33.8	130.5	10,500 *	36.6	127.5	9,900 *			
150	80	210	28.8	112.9	10,000 *						
150	90	50	80.7	244.9	13,800 *						
150	90	60	78.3	242.7	13,400 *	81.9	241.0	12,400 *			
150	90	70	75.8	240.1	13,000 *	79.4	238.3	11,900 *			

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+0 Ctwrt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the crane rating manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
150	90	80	73.4	237.0	12,700 *	76.9	235.2	11,400 *	80.3	231.6	10,300 *
150	90	90	70.8	233.4	12,200 *	74.4	231.5	10,900 *	77.7	227.9	10,200 *
150	90	100	68.3	229.3	11,700 *	71.8	227.4	10,400 *	75.1	223.7	10,000 *
150	90	110	65.7	224.7	11,200 *	69.2	222.7	10,300 *	72.4	218.9	9,800 *
150	90	120	63.0	219.5	10,700 *	66.5	217.5	10,100 *	69.7	213.6	9,600 *
150	90	130	60.3	213.6	10,300 *	63.7	211.6	9,900 *	66.9	207.6	9,400 *
150	90	140	57.5	207.1	10,100 *	60.9	205.0	9,700 *	64.0	200.9	8,900 *
150	90	150	54.5	199.9	9,900 *	57.9	197.7	9,500 *	61.0	193.4	8,500 *
150	90	160	51.5	191.9	9,700 *	54.9	189.6	9,300 *	57.8	185.1	8,000 *
150	90	170	48.3	182.9	9,500 *	51.6	180.5	9,100 *	54.5	175.7	7,200 *
150	90	180	45.0	172.8	9,300 *	48.2	170.3	8,800 *	51.0	165.2	6,800 *
150	90	190	41.4	161.4	9,000 *	44.6	158.7	8,400 *	47.2	153.2	6,200 *
150	90	200	37.5	148.4	8,700 *	40.6	145.5	8,000 *			
150	90	210	33.2	133.3	8,300 *	36.2	130.0	7,600 *			
150	90	220	28.3	115.2	7,800 *						
150	100	50	81.3	255.1	9,800 *						
150	100	60	79.0	253.0	9,500 *						
150	100	70	76.6	250.5	9,100 *	80.5	248.6	8,300 *			
150	100	80	74.2	247.5	8,800 *	78.1	245.6	8,100 *	81.7	241.7	7,400 *
150	100	90	71.8	244.1	8,400 *	75.6	242.1	7,800 *	79.3	238.2	7,300 *
150	100	100	69.4	240.1	8,200 *	73.2	238.2	7,600 *	76.8	234.2	7,100 *
150	100	110	66.9	235.7	7,900 *	70.7	233.7	7,400 *	74.2	229.7	6,900 *
150	100	120	64.4	230.8	7,700 *	68.1	228.7	7,200 *	71.6	224.6	6,700 *
150	100	130	61.8	225.3	7,400 *	65.5	223.1	7,000 *	68.9	218.9	6,600 *
150	100	140	59.1	219.1	7,300 *	62.8	216.9	6,800 *	66.2	212.6	6,400 *
150	100	150	56.4	212.3	7,100 *	60.0	210.1	6,600 *	63.3	205.5	6,200 *
150	100	160	53.5	204.8	6,900 *	57.1	202.4	6,400 *	60.4	197.7	6,000 *
150	100	170	50.6	196.4	6,700 *	54.1	194.0	6,200 *	57.3	189.0	5,600 *
150	100	180	47.5	187.1	6,500 *	51.0	184.5	6,000 *	54.1	179.3	5,200 *
150	100	190	44.2	176.7	6,200 *	47.7	173.9	5,600 *	50.6	168.4	4,700 *
150	100	200	40.7	164.9	6,000 *	44.1	162.0	5,200 *	46.9	156.0	4,200 *
150	100	210	36.9	151.6	5,500 *	40.2	148.3	4,600 *			
150	100	220	32.7	136.1	5,000 *	35.9	132.4	4,100 *			
150	100	230	27.9	117.5	4,300 *						
160	30	35	81.3	197.0	40,000 *						
160	30	40	79.7	196.1	40,000 *	81.2	195.3	40,000 *			
160	30	50	76.7	193.8	40,000 *	78.2	193.0	40,000 *	79.6	191.5	40,000 *
160	30	60	73.6	191.0	40,000 *	75.1	190.2	40,000 *	76.4	188.6	40,000 *
160	30	70	70.4	187.6	40,000 *	71.9	186.8	40,000 *	73.2	185.2	40,000 *
160	30	80	67.2	183.6	40,000 *	68.7	182.8	40,000 *	70.0	181.1	37,900 *
160	30	90	63.9	178.9	40,000 *	65.4	178.0	40,000 *	66.6	176.3	36,600 *
160	30	100	60.5	173.5	40,000 *	62.0	172.6	40,000 *	63.2	170.8	36,700 *
160	30	110	57.0	167.2	37,200	58.4	166.3	37,400	59.6	164.4	36,200 *
160	30	120	53.4	160.1	33,100	54.7	159.1	33,300	55.9	157.2	33,500
160	30	130	49.5	151.9	29,400	50.9	150.8	29,500	52.0	148.8	29,700

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+0 Ctwrt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the crane rating manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
160	30	140	45.4	142.4	26,300	46.7	141.3	26,400	47.8	139.2	26,500
160	30	150	41.0	131.5	23,600	42.3	130.3	23,700			
160	30	160	36.1	118.6	21,300	37.4	117.3	21,300			
160	30	170	30.6	103.0	19,300						
160	40	35	81.9	207.1	36,000 *						
160	40	40	80.5	206.2	36,000 *						
160	40	50	77.6	204.1	36,000 *	79.5	203.1	35,600 *	81.3	201.1	34,600 *
160	40	60	74.7	201.4	36,000 *	76.6	200.4	35,200 *	78.3	198.4	34,400 *
160	40	70	71.7	198.2	35,900 *	73.6	197.2	34,900 *	75.3	195.1	34,300 *
160	40	80	68.7	194.4	35,500 *	70.5	193.4	34,600 *	72.2	191.3	32,000 *
160	40	90	65.6	190.0	35,100 *	67.4	188.9	34,400 *	69.0	186.8	30,000 *
160	40	100	62.4	184.9	34,700 *	64.2	183.8	33,800 *	65.8	181.6	28,200 *
160	40	110	59.1	179.1	33,100 *	60.9	177.9	32,100 *	62.5	175.6	26,700 *
160	40	120	55.7	172.4	31,200 *	57.5	171.2	30,400 *	59.0	168.9	25,400 *
160	40	130	52.2	164.9	29,500 *	53.9	163.6	28,900 *	55.4	161.1	24,200 *
160	40	140	48.4	156.3	26,600	50.1	155.0	26,800	51.5	152.3	23,200 *
160	40	150	44.4	146.4	23,900	46.1	145.0	24,100	47.4	142.2	22,400 *
160	40	160	40.2	135.1	21,600	41.8	133.5	21,700			
160	40	170	35.4	121.7	19,600	37.0	120.0	19,700			
160	40	180	30.0	105.5	17,800						
160	50	40	81.2	216.3	32,000 *						
160	50	50	78.4	214.3	32,000 *	80.7	213.1	31,600 *			
160	50	60	75.6	211.8	32,000 *	77.9	210.6	30,900 *	80.0	208.2	29,200 *
160	50	70	72.8	208.8	32,000 *	75.1	207.5	30,200 *	77.1	205.1	27,200 *
160	50	80	70.0	205.2	31,400 *	72.2	203.9	29,500 *	74.2	201.4	25,300 *
160	50	90	67.0	201.0	30,700 *	69.2	199.7	29,100 *	71.2	197.2	23,600 *
160	50	100	64.0	196.2	29,700 *	66.2	194.9	28,600 *	68.2	192.3	22,200 *
160	50	110	61.0	190.7	27,900 *	63.1	189.4	26,900 *	65.0	186.7	21,000 *
160	50	120	57.8	184.5	26,200 *	59.9	183.1	25,400 *	61.8	180.4	19,900 *
160	50	130	54.5	177.5	24,600 *	56.6	176.1	24,000 *	58.4	173.2	19,000 *
160	50	140	51.0	169.6	23,200 *	53.1	168.1	22,600 *	54.9	165.0	18,200 *
160	50	150	47.4	160.6	21,900 *	49.4	159.0	21,500 *	51.1	155.7	17,500 *
160	50	160	43.5	150.3	20,700 *	45.5	148.6	20,400 *	47.1	145.1	16,900 *
160	50	170	39.4	138.5	19,700 *	41.3	136.7	19,500 *			
160	50	180	34.8	124.7	18,100	36.6	122.6	18,200			
160	50	190	29.5	108.1	16,500						
160	60	40	81.8	226.5	26,900 *						
160	60	50	79.2	224.6	26,700 *	81.8	223.2	26,100 *			
160	60	60	76.5	222.2	26,500 *	79.1	220.8	25,500 *	81.6	218.0	23,900 *
160	60	70	73.8	219.3	26,300 *	76.4	217.9	24,900 *	78.8	215.1	22,300 *
160	60	80	71.1	215.8	26,000 *	73.7	214.4	24,300 *	76.1	211.6	20,700 *
160	60	90	68.4	211.9	25,300 *	70.9	210.4	23,800 *	73.2	207.6	19,400 *
160	60	100	65.5	207.3	24,700 *	68.0	205.9	23,400 *	70.3	202.9	18,200 *
160	60	110	62.6	202.2	23,900 *	65.1	200.7	22,600 *	67.4	197.6	17,200 *

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+0 Cwt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the crane rating manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
160	60	120	59.6	196.4	22,400 *	62.1	194.8	21,100 *	64.3	191.7	16,300 *
160	60	130	56.6	189.8	21,000 *	59.0	188.2	19,800 *	61.1	184.9	15,500 *
160	60	140	53.3	182.4	19,700 *	55.8	180.7	18,700 *	57.9	177.4	14,900 *
160	60	150	50.0	174.1	18,500 *	52.4	172.4	17,700 *	54.4	168.8	14,300 *
160	60	160	46.5	164.8	17,500 *	48.8	162.9	16,800 *	50.7	159.1	13,700 *
160	60	170	42.7	154.1	16,500 *	45.0	152.1	16,000 *	46.8	148.0	13,300 *
160	60	180	38.6	141.9	15,700 *	40.9	139.7	15,400 *			
160	60	190	34.1	127.7	14,900 *	36.3	125.2	14,800 *			
160	60	200	29.0	110.5	14,200 *						
160	70	50	79.9	234.8	21,600 *						
160	70	60	77.3	232.5	21,300 *	80.2	230.9	20,100 *			
160	70	70	74.8	229.7	20,900 *	77.7	228.1	19,600 *	80.4	225.1	18,200 *
160	70	80	72.2	226.4	20,500 *	75.1	224.9	19,100 *	77.7	221.7	17,500 *
160	70	90	69.5	222.7	20,000 *	72.4	221.1	18,500 *	75.1	217.9	16,400 *
160	70	100	66.9	218.4	19,400 *	69.7	216.7	18,100 *	72.3	213.5	15,300 *
160	70	110	64.1	213.5	18,900 *	66.9	211.8	17,600 *	69.5	208.5	14,500 *
160	70	120	61.3	208.0	18,300 *	64.1	206.3	17,200 *	66.6	202.8	13,700 *
160	70	130	58.4	201.8	17,900 *	61.2	200.1	16,700 *	63.6	196.5	13,000 *
160	70	140	55.4	194.9	17,000 *	58.1	193.1	15,800 *	60.5	189.4	12,400 *
160	70	150	52.3	187.2	15,900 *	55.0	185.3	15,000 *	57.3	181.4	11,900 *
160	70	160	49.0	178.6	15,000 *	51.7	176.5	14,200 *	54.0	172.5	11,400 *
160	70	170	45.6	168.8	14,200 *	48.2	166.7	13,500 *	50.4	162.4	11,000 *
160	70	180	41.9	157.8	13,400 *	44.5	155.5	12,900 *	46.5	150.9	10,300 *
160	70	190	37.9	145.2	12,700 *	40.4	142.7	12,400 *			
160	70	200	33.6	130.5	12,100 *	36.0	127.7	12,000 *			
160	70	210	28.6	112.9	11,500 *						
160	80	50	80.5	244.9	17,700 *						
160	80	60	78.1	242.7	17,400 *	81.3	241.1	16,300 *			
160	80	70	75.6	240.1	17,000 *	78.8	238.4	15,800 *	81.8	235.0	14,400 *
160	80	80	73.2	237.0	16,600 *	76.3	235.3	15,300 *	79.3	231.9	14,100 *
160	80	90	70.6	233.4	16,200 *	73.8	231.7	14,800 *	76.7	228.2	13,900 *
160	80	100	68.1	229.3	15,700 *	71.2	227.5	14,400 *	74.1	224.0	13,200 *
160	80	110	65.5	224.7	15,100 *	68.6	222.9	14,100 *	71.4	219.2	12,400 *
160	80	120	62.8	219.5	14,600 *	65.9	217.6	13,800 *	68.7	213.9	11,700 *
160	80	130	60.1	213.6	14,200 *	63.1	211.7	13,400 *	65.9	207.9	11,100 *
160	80	140	57.3	207.2	13,900 *	60.3	205.2	13,100 *	63.0	201.2	10,600 *
160	80	150	54.3	199.9	13,600 *	57.3	197.9	12,800 *	60.0	193.8	10,100 *
160	80	160	51.3	191.9	13,000 *	54.3	189.7	12,200 *	56.8	185.4	9,600 *
160	80	170	48.1	182.9	12,300 *	51.0	180.6	11,600 *	53.5	176.1	8,900 *
160	80	180	44.8	172.8	11,600 *	47.6	170.4	11,100 *	50.0	165.6	8,100 *
160	80	190	41.2	161.4	11,000 *	44.0	158.9	10,600 *	46.3	153.7	7,500 *
160	80	200	37.3	148.4	10,400 *	40.0	145.6	10,200 *			
160	80	210	33.0	133.3	9,900 *	35.7	130.2	9,900 *			
160	80	220	28.1	115.2	9,500 *						

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+0 Ctwrt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the crane rating manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
160	90	50	81.1	255.1	13,800 *						
160	90	60	78.8	253.0	13,500 *						
160	90	70	76.4	250.5	13,100 *	79.9	248.6	12,000 *			
160	90	80	74.0	247.5	12,800 *	77.5	245.7	11,500 *	80.7	242.0	10,400 *
160	90	90	71.6	244.1	12,400 *	75.0	242.2	11,100 *	78.3	238.5	10,200 *
160	90	100	69.2	240.2	11,900 *	72.6	238.2	10,600 *	75.8	234.4	10,000 *
160	90	110	66.7	235.7	11,400 *	70.1	233.8	10,300 *	73.2	229.9	9,900 *
160	90	120	64.2	230.8	10,900 *	67.5	228.8	10,100 *	70.6	224.8	9,700 *
160	90	130	61.6	225.3	10,400 *	64.9	223.2	10,000 *	68.0	219.2	9,500 *
160	90	140	58.9	219.1	10,200 *	62.2	217.0	9,800 *	65.2	212.8	9,100 *
160	90	150	56.2	212.3	10,100 *	59.4	210.2	9,600 *	62.4	205.8	8,500 *
160	90	160	53.3	204.8	9,900 *	56.6	202.5	9,400 *	59.4	198.0	7,700 *
160	90	170	50.4	196.4	9,700 *	53.6	194.1	9,200 *	56.4	189.3	7,100 *
160	90	180	47.3	187.1	9,400 *	50.4	184.6	9,000 *	53.1	179.6	6,500 *
160	90	190	44.0	176.7	9,200 *	47.1	174.1	8,700 *	49.7	168.7	5,900 *
160	90	200	40.5	165.0	9,000 *	43.5	162.1	8,300 *	46.0	156.4	5,600 *
160	90	210	36.7	151.6	8,600 *	39.7	148.5	7,700 *			
160	90	220	32.5	136.1	8,200 *	35.4	132.6	7,300 *			
160	90	230	27.7	117.5	7,700 *						
160	100	50	81.6	265.3	9,900 *						
160	100	60	79.4	263.2	9,600 *						
160	100	70	77.1	260.8	9,200 *	80.8	258.9	8,300 *			
160	100	80	74.9	258.0	8,900 *	78.5	256.0	8,100 *			
160	100	90	72.6	254.7	8,500 *	76.2	252.7	7,900 *	79.7	248.7	7,300 *
160	100	100	70.2	250.9	8,300 *	73.9	248.9	7,600 *	77.3	244.9	7,100 *
160	100	110	67.9	246.7	8,000 *	71.5	244.7	7,400 *	74.9	240.5	7,000 *
160	100	120	65.4	242.0	7,800 *	69.0	239.9	7,200 *	72.4	235.7	6,800 *
160	100	130	63.0	236.8	7,500 *	66.5	234.6	7,100 *	69.9	230.3	6,600 *
160	100	140	60.4	230.9	7,300 *	64.0	228.7	6,900 *	67.2	224.3	6,400 *
160	100	150	57.8	224.5	7,200 *	61.4	222.2	6,700 *	64.6	217.7	6,300 *
160	100	160	55.2	217.4	7,000 *	58.7	215.0	6,500 *	61.8	210.3	6,100 *
160	100	170	52.4	209.5	6,800 *	55.8	207.1	6,300 *	58.9	202.2	5,700 *
160	100	180	49.5	200.9	6,600 *	52.9	198.3	6,100 *	55.9	193.2	5,300 *
160	100	190	46.5	191.2	6,400 *	49.8	188.5	5,900 *	52.7	183.1	4,800 *
160	100	200	43.2	180.5	6,200 *	46.6	177.6	5,500 *	49.4	171.8	4,400 *
160	100	210	39.8	168.4	5,900 *	43.1	165.3	5,000 *	45.8	159.1	4,100 *
160	100	220	36.1	154.7	5,400 *	39.3	151.3	4,500 *			
160	100	230	32.0	138.8	4,900 *	35.1	135.0	4,000 *			
160	100	240	27.3	119.8	4,300 *						
170	30	35	81.7	207.1	40,000 *						
170	30	40	80.3	206.2	40,000 *	81.7	205.4	40,000 *			
170	30	50	77.4	204.1	40,000 *	78.8	203.3	40,000 *	80.1	201.7	40,000 *
170	30	60	74.4	201.5	40,000 *	75.8	200.7	40,000 *	77.1	199.1	40,000 *
170	30	70	71.5	198.3	40,000 *	72.8	197.4	40,000 *	74.1	195.8	40,000 *
170	30	80	68.4	194.5	40,000 *	69.8	193.6	40,000 *	71.0	192.0	38,700 *

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+0 Cwt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the crane rating manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
170	30	90	65.3	190.0	40,000 *	66.7	189.2	40,000 *	67.9	187.5	36,400 *
170	30	100	62.1	184.9	40,000 *	63.5	184.1	40,000 *	64.7	182.3	36,600 *
170	30	110	58.9	179.1	36,800	60.2	178.2	37,100	61.3	176.4	36,600 *
170	30	120	55.5	172.5	32,700	56.8	171.5	33,000	57.9	169.6	33,300
170	30	130	51.9	164.9	29,000	53.2	163.9	29,200	54.3	161.9	29,500
170	30	140	48.2	156.3	25,900	49.4	155.3	26,100	50.5	153.2	26,300
170	30	150	44.2	146.5	23,200	45.4	145.4	23,300	46.4	143.1	23,500
170	30	160	39.9	135.1	20,900	41.1	133.9	21,000			
170	30	170	35.2	121.7	18,900	36.3	120.4	18,900			
170	30	180	29.8	105.6	17,100						
170	40	40	80.9	216.4	36,000 *						
170	40	50	78.2	214.4	36,000 *	80.0	213.3	35,700 *	81.7	211.3	34,600 *
170	40	60	75.4	211.8	36,000 *	77.2	210.8	35,300 *	78.9	208.8	34,500 *
170	40	70	72.6	208.8	36,000 *	74.4	207.8	35,000 *	76.0	205.7	34,300 *
170	40	80	69.7	205.2	35,700 *	71.5	204.1	34,600 *	73.1	202.0	32,700 *
170	40	90	66.8	201.0	35,300 *	68.5	199.9	34,500 *	70.1	197.8	30,600 *
170	40	100	63.8	196.2	34,900 *	65.5	195.1	33,700 *	67.1	192.9	28,800 *
170	40	110	60.7	190.7	32,900 *	62.4	189.6	31,900 *	63.9	187.3	27,300 *
170	40	120	57.6	184.5	31,100 *	59.2	183.4	30,200 *	60.7	181.0	25,900 *
170	40	130	54.3	177.5	29,400	55.9	176.3	28,700 *	57.3	173.9	24,800 *
170	40	140	50.8	169.6	26,300	52.5	168.3	26,500	53.8	165.7	23,800 *
170	40	150	47.2	160.6	23,600	48.8	159.2	23,800	50.1	156.5	22,900 *
170	40	160	43.3	150.4	21,300	44.9	148.9	21,400	46.1	146.0	21,600
170	40	170	39.1	138.6	19,300	40.7	137.0	19,400			
170	40	180	34.5	124.8	17,500	36.0	123.0	17,500			
170	40	190	29.3	108.1	15,900						
170	50	40	81.6	226.5	32,000 *						
170	50	50	79.0	224.6	32,000 *	81.1	223.4	31,700 *			
170	50	60	76.3	222.2	32,000 *	78.5	221.0	31,100 *	80.5	218.5	29,300 *
170	50	70	73.6	219.3	32,000 *	75.8	218.0	30,400 *	77.8	215.6	27,600 *
170	50	80	70.9	215.9	31,700 *	73.0	214.6	29,700 *	75.0	212.1	25,700 *
170	50	90	68.1	211.9	31,000 *	70.2	210.6	29,200 *	72.2	208.1	24,100 *
170	50	100	65.3	207.4	29,700 *	67.4	206.1	28,500 *	69.3	203.4	22,700 *
170	50	110	62.4	202.2	27,800 *	64.5	200.9	26,900 *	66.3	198.2	21,500 *
170	50	120	59.4	196.4	26,100 *	61.5	195.0	25,300 *	63.3	192.2	20,400 *
170	50	130	56.3	189.8	24,600 *	58.3	188.4	23,900 *	60.1	185.5	19,400 *
170	50	140	53.1	182.5	23,100 *	55.1	181.0	22,600 *	56.8	178.0	18,600 *
170	50	150	49.8	174.2	21,800 *	51.7	172.6	21,400 *	53.4	169.4	17,900 *
170	50	160	46.2	164.8	20,600 *	48.2	163.1	20,400 *	49.7	159.8	17,300 *
170	50	170	42.5	154.2	19,500	44.4	152.4	19,400 *	45.8	148.8	16,700 *
170	50	180	38.4	142.0	17,800	40.2	140.0	17,900			
170	50	190	33.9	127.7	16,200	35.7	125.5	16,300			
170	50	200	28.8	110.5	14,800						
170	60	50	79.7	234.8	26,800 *						

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+0 Ctwrt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the crane rating manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
170	60	60	77.1	232.5	26,600 *	79.6	231.1	25,600 *	82.0	228.3	23,900 *
170	60	70	74.6	229.7	26,400 *	77.0	228.3	25,100 *	79.4	225.5	22,600 *
170	60	80	72.0	226.5	26,100 *	74.4	225.0	24,500 *	76.7	222.2	21,100 *
170	60	90	69.3	222.7	25,600 *	71.8	221.2	23,900 *	74.0	218.3	19,700 *
170	60	100	66.6	218.4	25,000 *	69.1	216.9	23,500 *	71.3	213.9	18,600 *
170	60	110	63.9	213.5	23,900 *	66.3	212.0	23,000 *	68.5	208.9	17,500 *
170	60	120	61.1	208.0	22,400 *	63.5	206.4	21,600 *	65.6	203.3	16,700 *
170	60	130	58.2	201.8	20,900 *	60.5	200.2	20,300 *	62.6	197.0	15,900 *
170	60	140	55.2	195.0	19,600 *	57.5	193.3	19,200 *	59.5	189.9	15,200 *
170	60	150	52.1	187.2	18,500 *	54.4	185.5	18,100 *	56.3	182.0	14,600 *
170	60	160	48.8	178.6	17,400 *	51.1	176.8	17,100 *	53.0	173.1	14,000 *
170	60	170	45.4	168.9	16,500 *	47.6	166.9	16,300 *	49.4	163.0	13,600 *
170	60	180	41.7	157.9	15,600 *	43.9	155.8	15,500 *	45.6	151.5	12,900 *
170	60	190	37.7	145.2	14,800 *	39.8	143.0	14,700 *			
170	60	200	33.3	130.6	14,100 *	35.4	128.0	14,100 *			
170	60	210	28.3	112.9	13,500 *						
170	70	50	80.3	244.9	21,700 *						
170	70	60	77.9	242.8	21,300 *	80.7	241.2	20,200 *			
170	70	70	75.4	240.1	21,000 *	78.2	238.5	19,700 *	80.8	235.4	18,300 *
170	70	80	72.9	237.0	20,600 *	75.7	235.4	19,200 *	78.3	232.2	17,700 *
170	70	90	70.4	233.4	20,100 *	73.2	231.8	18,700 *	75.7	228.6	16,600 *
170	70	100	67.9	229.3	19,600 *	70.6	227.7	18,200 *	73.1	224.4	15,600 *
170	70	110	65.3	224.7	19,100 *	68.0	223.0	17,800 *	70.4	219.6	14,700 *
170	70	120	62.6	219.5	18,600 *	65.3	217.8	17,400 *	67.7	214.3	14,000 *
170	70	130	59.9	213.7	18,100 *	62.5	211.9	16,900 *	64.9	208.3	13,300 *
170	70	140	57.0	207.2	17,000 *	59.7	205.3	16,300 *	62.0	201.7	12,700 *
170	70	150	54.1	199.9	15,900 *	56.7	198.0	15,400 *	59.0	194.2	12,100 *
170	70	160	51.1	191.9	15,000 *	53.7	189.9	14,600 *	55.9	185.9	11,700 *
170	70	170	47.9	182.9	14,100 *	50.4	180.8	13,900 *	52.6	176.6	10,800 *
170	70	180	44.6	172.8	13,300 *	47.0	170.6	13,200 *	49.1	166.1	10,000 *
170	70	190	41.0	161.5	12,600 *	43.4	159.1	12,500 *	45.3	154.3	9,200 *
170	70	200	37.1	148.5	12,000 *	39.5	145.9	12,000 *			
170	70	210	32.8	133.4	11,400 *	35.1	130.4	11,400 *			
170	70	220	27.9	115.3	10,900 *						
170	80	50	80.9	255.1	17,800 *						
170	80	60	78.6	253.0	17,400 *	81.6	251.3	16,400 *			
170	80	70	76.2	250.5	17,100 *	79.3	248.8	15,900 *			
170	80	80	73.8	247.5	16,700 *	76.9	245.8	15,400 *	79.8	242.3	14,200 *
170	80	90	71.4	244.1	16,300 *	74.5	242.3	14,900 *	77.3	238.8	13,900 *
170	80	100	69.0	240.2	15,900 *	72.0	238.4	14,500 *	74.8	234.8	13,400 *
170	80	110	66.5	235.8	15,400 *	69.5	233.9	14,200 *	72.3	230.3	12,600 *
170	80	120	64.0	230.8	14,800 *	66.9	228.9	13,900 *	69.7	225.2	11,900 *
170	80	130	61.4	225.3	14,400 *	64.3	223.4	13,600 *	67.0	219.5	11,300 *
170	80	140	58.7	219.2	14,100 *	61.6	217.2	13,300 *	64.3	213.2	10,800 *
170	80	150	56.0	212.4	13,800 *	58.9	210.3	13,000 *	61.4	206.2	10,200 *

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+0 Ctwrt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the crane rating manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
170	80	160	53.1	204.8	13,000 *	56.0	202.7	12,600 *	58.5	198.4	9,300 *
170	80	170	50.2	196.4	12,200 *	53.0	194.2	11,900 *	55.4	189.8	8,600 *
170	80	180	47.1	187.1	11,600 *	49.8	184.8	11,400 *	52.2	180.1	7,800 *
170	80	190	43.8	176.7	10,900 *	46.5	174.2	10,800 *	48.8	169.2	7,300 *
170	80	200	40.3	165.0	10,300 *	43.0	162.3	10,100 *	45.1	156.9	6,800 *
170	80	210	36.5	151.6	9,800 *	39.1	148.7	9,500 *			
170	80	220	32.3	136.1	9,400 *						
170	80	230	27.5	117.5	9,000 *						
170	90	50	81.4	265.3	13,900 *						
170	90	60	79.2	263.3	13,500 *						
170	90	70	76.9	260.8	13,200 *	80.3	259.0	12,100 *			
170	90	80	74.7	258.0	12,900 *	78.0	256.1	11,600 *	81.1	252.3	10,400 *
170	90	90	72.4	254.7	12,500 *	75.7	252.8	11,200 *	78.8	249.0	10,200 *
170	90	100	70.0	250.9	12,100 *	73.3	249.0	10,700 *	76.4	245.2	10,100 *
170	90	110	67.7	246.7	11,600 *	70.9	244.8	10,400 *	73.9	240.8	9,900 *
170	90	120	65.3	242.0	11,100 *	68.5	240.0	10,200 *	71.5	236.0	9,700 *
170	90	130	62.8	236.8	10,600 *	66.0	234.7	10,000 *	68.9	230.6	9,600 *
170	90	140	60.3	230.9	10,300 *	63.4	228.8	9,900 *	66.3	224.6	9,100 *
170	90	150	57.7	224.5	10,200 *	60.8	222.3	9,700 *	63.6	218.0	8,200 *
170	90	160	55.0	217.4	10,000 *	58.1	215.2	9,500 *	60.9	210.7	7,600 *
170	90	170	52.2	209.6	9,800 *	55.3	207.2	9,300 *	58.0	202.5	6,900 *
170	90	180	49.3	200.9	9,600 *	52.4	198.4	9,100 *	55.0	193.5	6,400 *
170	90	190	46.3	191.2	9,400 *	49.3	188.7	8,700 *	51.8	183.5	5,800 *
170	90	200	43.1	180.5	9,000 *	46.0	177.8	8,100 *	48.5	172.3	5,300 *
170	90	210	39.6	168.4	8,600 *	42.5	165.5	7,600 *			
170	90	220	35.9	154.7	8,200 *	38.8	151.5	7,100 *			
170	90	230	31.8	138.8	7,800 *						
170	90	240	27.1	119.8	7,500 *						
170	100	50	81.9	275.4	9,900 *						
170	100	60	79.8	273.5	9,600 *						
170	100	70	77.6	271.1	9,300 *	81.2	269.1	8,400 *			
170	100	80	75.4	268.4	9,000 *	79.0	266.4	8,100 *			
170	100	90	73.2	265.2	8,600 *	76.8	263.2	7,900 *	80.1	259.2	7,300 *
170	100	100	71.0	261.7	8,300 *	74.5	259.6	7,700 *	77.8	255.5	7,200 *
170	100	110	68.7	257.6	8,100 *	72.2	255.5	7,500 *	75.5	251.4	7,000 *
170	100	120	66.4	253.1	7,900 *	69.9	251.0	7,300 *	73.1	246.7	6,800 *
170	100	130	64.1	248.1	7,700 *	67.5	245.9	7,100 *	70.7	241.6	6,700 *
170	100	140	61.7	242.6	7,400 *	65.1	240.3	7,000 *	68.2	235.9	6,500 *
170	100	150	59.2	236.5	7,300 *	62.6	234.2	6,800 *	65.7	229.6	6,300 *
170	100	160	56.6	229.7	7,100 *	60.0	227.4	6,600 *	63.1	222.7	6,100 *
170	100	170	54.0	222.3	6,900 *	57.4	219.9	6,500 *	60.4	215.0	5,500 *
170	100	180	51.3	214.2	6,700 *	54.6	211.7	6,300 *	57.5	206.6	5,100 *
170	100	190	48.5	205.2	6,500 *	51.8	202.6	6,100 *	54.6	197.2	4,700 *
170	100	200	45.5	195.3	6,300 *	48.7	192.5	5,800 *	51.5	186.8	4,300 *
170	100	210	42.4	184.2	6,100 *	45.6	181.2	5,400 *	48.2	175.2	3,900 *

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+0 Cwt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the crane rating manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
170	100	220	39.0	171.8	5,800 *	42.1	168.6	4,900 *			
170	100	230	35.4	157.7	5,300 *	38.4	154.2	4,400 *			
170	100	240	31.4	141.4	4,800 *						
170	100	250	26.8	122.0	4,200 *						
180	30	40	80.7	216.4	40,000 *						
180	30	50	78.0	214.4	40,000 *	79.3	213.6	40,000 *	80.6	212.0	40,000 *
180	30	60	75.2	211.9	40,000 *	76.5	211.1	40,000 *	77.8	209.4	40,000 *
180	30	70	72.4	208.8	40,000 *	73.7	208.0	40,000 *	74.9	206.4	40,000 *
180	30	80	69.5	205.2	40,000 *	70.8	204.4	40,000 *	72.0	202.7	39,400 *
180	30	90	66.6	201.0	40,000 *	67.9	200.2	40,000 *	69.0	198.5	37,200 *
180	30	100	63.6	196.2	40,000 *	64.9	195.4	40,000 *	66.0	193.6	36,600 *
180	30	110	60.5	190.8	36,500	61.8	189.9	36,800	62.9	188.1	36,600 *
180	30	120	57.3	184.6	32,400	58.6	183.6	32,700	59.7	181.8	33,000
180	30	130	54.0	177.6	28,700	55.3	176.6	28,900	56.3	174.7	29,200
180	30	140	50.6	169.6	25,600	51.8	168.6	25,700	52.8	166.6	26,000
180	30	150	47.0	160.7	22,900	48.1	159.6	23,000	49.1	157.4	23,200
180	30	160	43.1	150.4	20,600	44.3	149.2	20,700	45.1	146.9	20,800
180	30	170	38.9	138.6	18,600	40.0	137.3	18,600			
180	30	180	34.3	124.8	16,800	35.4	123.4	16,800			
180	30	190	29.1	108.2	15,200						
180	40	40	81.4	226.5	36,000 *						
180	40	50	78.7	224.6	36,000 *	80.5	223.6	35,800 *			
180	40	60	76.1	222.2	36,000 *	77.8	221.2	35,400 *	79.4	219.1	34,500 *
180	40	70	73.4	219.3	36,000 *	75.1	218.3	35,100 *	76.7	216.2	34,400 *
180	40	80	70.7	215.9	35,800 *	72.4	214.8	34,700 *	73.9	212.7	33,300 *
180	40	90	67.9	211.9	35,400 *	69.6	210.8	34,500 *	71.1	208.7	31,200 *
180	40	100	65.1	207.4	35,000 *	66.7	206.3	33,500 *	68.2	204.1	29,400 *
180	40	110	62.2	202.2	32,800 *	63.8	201.1	31,700 *	65.3	198.8	27,900 *
180	40	120	59.2	196.4	30,900 *	60.8	195.2	30,000 *	62.2	192.9	26,500 *
180	40	130	56.1	189.8	29,000	57.7	188.6	28,500 *	59.1	186.2	25,300 *
180	40	140	52.9	182.5	25,900	54.5	181.2	26,200	55.8	178.7	24,300 *
180	40	150	49.6	174.2	23,200	51.1	172.9	23,500	52.4	170.2	23,400 *
180	40	160	46.0	164.8	20,900	47.6	163.4	21,100	48.8	160.6	21,300
180	40	170	42.3	154.2	18,900	43.8	152.7	19,000			
180	40	180	38.2	142.0	17,100	39.6	140.3	17,200			
180	40	190	33.7	127.7	15,500	35.1	125.9	15,600			
180	40	200	28.6	110.6	14,100						
180	50	40	82.0	236.6	32,000 *						
180	50	50	79.4	234.8	32,000 *	81.5	233.6	31,800 *			
180	50	60	76.9	232.5	32,000 *	79.0	231.3	31,200 *	80.9	228.8	29,300 *
180	50	70	74.4	229.7	32,000 *	76.4	228.5	30,500 *	78.3	226.0	28,000 *
180	50	80	71.8	226.5	31,900 *	73.8	225.2	29,900 *	75.7	222.7	26,100 *
180	50	90	69.1	222.7	31,200 *	71.1	221.4	29,400 *	73.0	218.9	24,500 *
180	50	100	66.4	218.4	29,600 *	68.4	217.1	28,400 *	70.3	214.5	23,100 *

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+0 Cwtw 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the crane rating manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
180	50	110	63.7	213.5	27,700 *	65.7	212.2	26,700 *	67.5	209.5	21,900 *
180	50	120	60.9	208.0	26,000 *	62.8	206.7	25,200 *	64.6	203.9	20,800 *
180	50	130	58.0	201.9	24,400 *	59.9	200.4	23,800 *	61.6	197.6	19,800 *
180	50	140	55.0	195.0	23,000 *	56.9	193.5	22,500 *	58.6	190.6	19,000 *
180	50	150	51.9	187.3	21,700 *	53.8	185.7	21,300 *	55.4	182.6	18,300 *
180	50	160	48.6	178.6	20,500 *	50.5	177.0	20,200 *	52.0	173.8	17,600 *
180	50	170	45.2	168.9	19,200	47.0	167.2	19,200 *	48.5	163.7	17,100 *
180	50	180	41.5	157.9	17,400	43.3	156.0	17,600			
180	50	190	37.5	145.3	15,800	39.3	143.3	16,000			
180	50	200	33.1	130.6	14,400						
180	50	210	28.1	113.0	13,100						
180	60	50	80.1	245.0	26,800 *						
180	60	60	77.7	242.8	26,600 *	80.0	241.4	25,700 *			
180	60	70	75.2	240.1	26,400 *	77.6	238.7	25,200 *	79.8	235.9	22,900 *
180	60	80	72.7	237.0	26,200 *	75.1	235.6	24,600 *	77.3	232.7	21,400 *
180	60	90	70.2	233.4	25,800 *	72.6	232.0	24,100 *	74.7	229.0	20,000 *
180	60	100	67.7	229.3	25,200 *	70.0	227.8	23,700 *	72.1	224.9	18,900 *
180	60	110	65.1	224.7	23,800 *	67.4	223.2	22,900 *	69.5	220.1	17,900 *
180	60	120	62.4	219.5	22,300 *	64.7	217.9	21,500 *	66.7	214.8	17,000 *
180	60	130	59.7	213.7	20,900 *	61.9	212.1	20,300 *	63.9	208.9	16,200 *
180	60	140	56.8	207.2	19,600 *	59.1	205.5	19,100 *	61.0	202.2	15,500 *
180	60	150	53.9	200.0	18,400 *	56.1	198.2	18,000 *	58.0	194.8	14,900 *
180	60	160	50.9	191.9	17,400 *	53.1	190.1	17,000 *	54.9	186.5	14,300 *
180	60	170	47.7	182.9	16,400 *	49.9	181.0	16,200 *	51.6	177.2	13,300 *
180	60	180	44.4	172.9	15,500 *	46.5	170.8	15,300 *	48.2	166.8	12,400 *
180	60	190	40.8	161.5	14,700 *	42.8	159.3	14,600 *			
180	60	200	36.9	148.5	14,000 *	38.9	146.1	13,900 *			
180	60	210	32.6	133.4	13,400 *						
180	60	220	27.7	115.3	12,200						
180	70	50	80.7	255.1	21,800 *						
180	70	60	78.4	253.0	21,400 *	81.0	251.5	20,300 *			
180	70	70	76.0	250.5	21,100 *	78.7	248.9	19,800 *	81.2	245.7	18,300 *
180	70	80	73.7	247.5	20,700 *	76.3	245.9	19,300 *	78.8	242.7	17,900 *
180	70	90	71.2	244.1	20,300 *	73.9	242.5	18,800 *	76.3	239.2	16,800 *
180	70	100	68.8	240.2	19,800 *	71.4	238.5	18,400 *	73.8	235.2	15,800 *
180	70	110	66.3	235.8	19,300 *	68.9	234.1	18,000 *	71.3	230.7	15,000 *
180	70	120	63.8	230.8	18,800 *	66.4	229.1	17,600 *	68.7	225.6	14,200 *
180	70	130	61.2	225.3	18,000 *	63.8	223.5	17,100 *	66.1	220.0	13,500 *
180	70	140	58.5	219.2	16,900 *	61.1	217.3	16,500 *	63.3	213.7	12,900 *
180	70	150	55.8	212.4	15,900 *	58.3	210.5	15,500 *	60.5	206.7	12,400 *
180	70	160	52.9	204.8	14,900 *	55.4	202.9	14,600 *	57.6	198.9	11,400 *
180	70	170	50.0	196.5	14,100 *	52.4	194.4	13,800 *	54.5	190.3	10,500 *
180	70	180	46.9	187.1	13,300 *	49.3	185.0	13,100 *	51.3	180.6	9,600 *
180	70	190	43.6	176.7	12,600 *	46.0	174.4	12,500 *	47.9	169.8	8,800 *
180	70	200	40.1	165.0	11,900 *	42.4	162.5	11,800 *			

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+0 Ctwrt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the crane rating manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
180	70	210	36.3	151.6	11,300 *	38.5	148.9	11,300 *			
180	70	220	32.1	136.1	10,800 *						
180	70	230	27.3	117.6	10,400 *						
180	80	50	81.2	265.3	17,800 *						
180	80	60	79.0	263.3	17,500 *	82.0	261.5	16,400 *			
180	80	70	76.8	260.8	17,200 *	79.7	259.1	16,000 *			
180	80	80	74.5	258.0	16,800 *	77.4	256.2	15,500 *	80.2	252.7	14,200 *
180	80	90	72.2	254.7	16,500 *	75.1	252.9	15,100 *	77.8	249.3	14,000 *
180	80	100	69.9	251.0	16,000 *	72.7	249.1	14,600 *	75.4	245.5	13,500 *
180	80	110	67.5	246.7	15,500 *	70.3	244.9	14,300 *	73.0	241.2	12,800 *
180	80	120	65.1	242.0	15,100 *	67.9	240.1	14,000 *	70.5	236.4	12,100 *
180	80	130	62.6	236.8	14,600 *	65.4	234.8	13,700 *	68.0	231.0	11,500 *
180	80	140	60.1	231.0	14,200 *	62.9	229.0	13,400 *	65.4	225.0	10,900 *
180	80	150	57.5	224.5	13,800 *	60.3	222.5	13,100 *	62.7	218.4	10,000 *
180	80	160	54.8	217.4	13,000 *	57.5	215.3	12,700 *	60.0	211.1	9,000 *
180	80	170	52.0	209.6	12,200 *	54.7	207.4	12,000 *	57.1	203.0	8,300 *
180	80	180	49.1	200.9	11,500 *	51.8	198.6	11,200 *	54.1	194.0	7,700 *
180	80	190	46.1	191.3	10,900 *	48.7	188.8	10,600 *	51.0	184.0	7,000 *
180	80	200	42.9	180.5	10,300 *	45.5	178.0	9,700 *	47.6	172.8	6,400 *
180	80	210	39.4	168.4	9,800 *	42.0	165.7	9,100 *			
180	80	220	35.7	154.7	9,300 *	38.2	151.7	8,500 *			
180	80	230	31.6	138.8	8,900 *						
180	80	240	26.9	119.8	8,500 *						
180	90	50	81.7	275.4	13,900 *						
180	90	60	79.6	273.5	13,600 *						
180	90	70	77.4	271.1	13,300 *	80.6	269.3	12,200 *			
180	90	80	75.3	268.4	12,900 *	78.4	266.5	11,700 *	81.5	262.7	10,400 *
180	90	90	73.0	265.3	12,600 *	76.2	263.3	11,300 *	79.2	259.5	10,300 *
180	90	100	70.8	261.7	12,200 *	74.0	259.7	10,800 *	76.9	255.8	10,100 *
180	90	110	68.5	257.6	11,800 *	71.7	255.6	10,400 *	74.6	251.7	9,900 *
180	90	120	66.2	253.1	11,300 *	69.3	251.1	10,300 *	72.2	247.1	9,800 *
180	90	130	63.9	248.1	10,800 *	67.0	246.1	10,100 *	69.8	241.9	9,600 *
180	90	140	61.5	242.6	10,400 *	64.5	240.5	9,900 *	67.3	236.2	8,800 *
180	90	150	59.0	236.5	10,200 *	62.0	234.3	9,800 *	64.8	229.9	8,100 *
180	90	160	56.5	229.8	10,100 *	59.5	227.5	9,600 *	62.2	223.0	7,300 *
180	90	170	53.8	222.4	9,900 *	56.8	220.0	9,400 *	59.5	215.4	6,700 *
180	90	180	51.1	214.2	9,700 *	54.1	211.8	9,100 *	56.7	207.0	6,100 *
180	90	190	48.3	205.2	9,500 *	51.2	202.7	8,400 *	53.7	197.6	5,600 *
180	90	200	45.3	195.3	9,000 *	48.2	192.6	7,800 *	50.6	187.3	5,200 *
180	90	210	42.2	184.2	8,500 *	45.0	181.4	7,400 *	47.3	175.7	4,700 *
180	90	220	38.8	171.8	8,100 *	41.6	168.8	6,800 *			
180	90	230	35.2	157.7	7,700 *	37.9	154.4	6,400 *			
180	90	240	31.2	141.4	7,400 *						
180	90	250	26.6	122.0	7,100 *						

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+0 Ctwrt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the crane rating manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
180	100	60	80.2	283.7	9,700 *						
180	100	70	78.1	281.4	9,400 *	81.5	279.4	8,400 *			
180	100	80	76.0	278.8	9,000 *	79.4	276.8	8,200 *			
180	100	90	73.8	275.8	8,700 *	77.2	273.7	8,000 *	80.5	269.6	7,300 *
180	100	100	71.7	272.3	8,400 *	75.1	270.2	7,800 *	78.3	266.1	7,200 *
180	100	110	69.5	268.5	8,200 *	72.9	266.3	7,500 *	76.1	262.1	7,000 *
180	100	120	67.3	264.1	8,000 *	70.7	262.0	7,400 *	73.8	257.7	6,900 *
180	100	130	65.1	259.4	7,800 *	68.4	257.2	7,200 *	71.5	252.8	6,700 *
180	100	140	62.8	254.1	7,500 *	66.1	251.8	7,000 *	69.1	247.3	6,600 *
180	100	150	60.4	248.2	7,300 *	63.7	245.9	6,900 *	66.7	241.3	6,400 *
180	100	160	58.0	241.9	7,200 *	61.3	239.5	6,700 *	64.2	234.8	5,900 *
180	100	170	55.5	234.9	7,000 *	58.8	232.4	6,500 *	61.7	227.5	5,400 *
180	100	180	53.0	227.2	6,800 *	56.2	224.7	6,400 *	59.0	219.6	4,900 *
180	100	190	50.3	218.7	6,700 *	53.5	216.1	6,200 *	56.3	210.8	4,600 *
180	100	200	47.5	209.5	6,500 *	50.7	206.7	6,000 *	53.4	201.2	4,200 *
180	100	210	44.6	199.2	6,300 *	47.7	196.3	5,600 *	50.3	190.5	3,800 *
180	100	220	41.6	187.9	6,100 *	44.6	184.8	5,200 *	47.1	178.5	3,600 *
180	100	230	38.3	175.1	5,700 *	41.3	171.8	4,800 *			
180	100	240	34.7	160.7	5,200 *	37.6	157.0	4,300 *			
180	100	250	30.8	144.0	4,700 *						
180	100	260	26.2	124.2	4,100 *						
190	30	40	81.1	226.5	40,000 *						
190	30	50	78.5	224.6	40,000 *	79.8	223.8	40,000 *	81.0	222.2	40,000 *
190	30	60	75.9	222.2	40,000 *	77.1	221.4	40,000 *	78.3	219.8	40,000 *
190	30	70	73.2	219.3	40,000 *	74.4	218.5	40,000 *	75.6	216.9	40,000 *
190	30	80	70.5	215.9	40,000 *	71.7	215.1	40,000 *	72.9	213.4	40,000 *
190	30	90	67.7	212.0	40,000 *	68.9	211.1	40,000 *	70.1	209.4	37,800 *
190	30	100	64.9	207.4	40,000 *	66.1	206.5	40,000 *	67.2	204.8	36,600 *
190	30	110	62.0	202.3	36,500	63.2	201.4	36,500	64.2	199.6	36,600 *
190	30	120	59.0	196.4	32,000	60.2	195.5	32,400	61.2	193.7	32,700
190	30	130	55.9	189.9	28,300	57.1	188.9	28,600	58.1	187.0	28,900
190	30	140	52.7	182.5	25,200	53.9	181.5	25,400	54.8	179.5	25,700
190	30	150	49.3	174.2	22,500	50.5	173.2	22,700	51.4	171.1	22,900
190	30	160	45.8	164.9	20,200	46.9	163.8	20,400	47.8	161.5	20,500
190	30	170	42.0	154.2	18,200	43.1	153.0	18,300			
190	30	180	38.0	142.0	16,400	39.0	140.7	16,500			
190	30	190	33.5	127.8	14,900						
190	30	200	28.4	110.6	13,400						
190	40	40	81.7	236.6	36,000 *						
190	40	50	79.2	234.8	36,000 *	80.9	233.8	35,800 *			
190	40	60	76.7	232.5	36,000 *	78.3	231.5	35,500 *	79.9	229.4	34,500 *
190	40	70	74.1	229.8	36,000 *	75.8	228.7	35,100 *	77.3	226.6	34,400 *
190	40	80	71.5	226.5	35,900 *	73.2	225.4	34,800 *	74.7	223.3	33,900 *
190	40	90	68.9	222.7	35,500 *	70.5	221.7	34,600 *	72.0	219.5	31,800 *
190	40	100	66.2	218.4	35,200 *	67.8	217.3	33,300 *	69.2	215.1	30,000 *

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+0 Cwtw 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the crane rating manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
190	40	110	63.5	213.6	32,500 *	65.1	212.4	31,500 *	66.5	210.2	28,500 *
190	40	120	60.7	208.1	30,700 *	62.2	206.9	29,800 *	63.6	204.6	27,100 *
190	40	130	57.8	201.9	28,700	59.3	200.7	28,300 *	60.6	198.3	25,900 *
190	40	140	54.8	195.0	25,600	56.3	193.8	25,900	57.6	191.3	24,800 *
190	40	150	51.7	187.3	22,900	53.2	186.0	23,100	54.4	183.4	23,400
190	40	160	48.4	178.6	20,600	49.9	177.3	20,800	51.1	174.6	21,000
190	40	170	45.0	168.9	18,500	46.4	167.5	18,700	47.5	164.6	18,900
190	40	180	41.3	157.9	16,800	42.7	156.4	16,900			
190	40	190	37.3	145.3	15,200	38.7	143.6	15,300			
190	40	200	32.9	130.6	13,800						
190	40	210	27.9	113.0	12,500						
190	50	50	79.9	245.0	32,000 *	81.9	243.8	31,900 *			
190	50	60	77.5	242.8	32,000 *	79.4	241.6	31,300 *	81.3	239.1	29,400 *
190	50	70	75.0	240.2	32,000 *	77.0	238.9	30,700 *	78.8	236.4	28,400 *
190	50	80	72.5	237.1	32,000 *	74.5	235.8	30,100 *	76.3	233.3	26,500 *
190	50	90	70.0	233.5	31,400 *	72.0	232.2	29,400 *	73.7	229.6	24,900 *
190	50	100	67.5	229.4	29,400 *	69.4	228.0	28,200 *	71.1	225.4	23,500 *
190	50	110	64.9	224.7	27,600 *	66.8	223.4	26,600 *	68.5	220.7	22,300 *
190	50	120	62.2	219.5	25,900 *	64.1	218.1	25,000 *	65.8	215.4	21,200 *
190	50	130	59.5	213.7	24,300 *	61.3	212.3	23,600 *	63.0	209.5	20,200 *
190	50	140	56.6	207.2	22,900 *	58.5	205.8	22,300 *	60.1	202.8	19,400 *
190	50	150	53.7	200.0	21,600 *	55.6	198.5	21,100 *	57.1	195.4	18,600 *
190	50	160	50.7	191.9	20,400 *	52.5	190.4	20,000 *	54.0	187.2	17,700 *
190	50	170	47.5	183.0	18,800	49.3	181.3	19,100 *	50.7	178.0	16,300 *
190	50	180	44.2	172.9	17,000	45.9	171.1	17,300	47.3	167.6	15,000 *
190	50	190	40.6	161.5	15,500	42.3	159.6	15,600			
190	50	200	36.7	148.5	14,000	38.3	146.5	14,200			
190	50	210	32.4	133.4	12,800						
190	50	220	27.5	115.3	11,600						
190	60	50	80.5	255.1	26,800 *						
190	60	60	78.2	253.0	26,600 *	80.5	251.6	25,800 *			
190	60	70	75.8	250.5	26,500 *	78.1	249.1	25,300 *	80.2	246.2	23,200 *
190	60	80	73.5	247.5	26,300 *	75.7	246.1	24,800 *	77.8	243.2	21,600 *
190	60	90	71.1	244.1	25,900 *	73.3	242.6	24,200 *	75.4	239.7	20,300 *
190	60	100	68.6	240.2	25,400 *	70.8	238.7	23,800 *	72.9	235.7	19,200 *
190	60	110	66.1	235.8	23,700 *	68.3	234.3	22,800 *	70.4	231.2	18,200 *
190	60	120	63.6	230.8	22,200 *	65.8	229.3	21,400 *	67.8	226.2	17,300 *
190	60	130	61.0	225.3	20,800 *	63.2	223.7	20,100 *	65.1	220.5	16,500 *
190	60	140	58.3	219.2	19,500 *	60.5	217.5	19,000 *	62.4	214.2	15,800 *
190	60	150	55.6	212.4	18,300 *	57.7	210.7	17,900 *	59.6	207.3	15,100 *
190	60	160	52.7	204.9	17,300 *	54.9	203.1	16,900 *	56.7	199.5	13,900 *
190	60	170	49.8	196.5	16,300 *	51.9	194.6	16,000 *	53.6	190.9	12,800 *
190	60	180	46.7	187.2	15,400 *	48.7	185.2	15,200 *	50.4	181.3	11,600 *
190	60	190	43.4	176.8	14,600 *	45.4	174.7	14,500 *	47.0	170.5	10,800 *
190	60	200	39.9	165.0	13,900 *	41.9	162.8	13,800 *			

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+0 Ctwrt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the crane rating manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
190	60	210	36.1	151.7	13,000	38.0	149.2	13,200			
190	60	220	31.9	136.2	11,900						
190	60	230	27.1	117.6	10,800						
190	70	50	81.0	265.3	21,800 *						
190	70	60	78.8	263.3	21,500 *	81.4	261.7	20,300 *			
190	70	70	76.6	260.9	21,100 *	79.1	259.2	19,900 *	81.6	256.0	18,400 *
190	70	80	74.3	258.0	20,800 *	76.8	256.4	19,400 *	79.2	253.1	18,000 *
190	70	90	72.0	254.7	20,400 *	74.5	253.1	19,000 *	76.9	249.8	17,100 *
190	70	100	69.7	251.0	20,000 *	72.2	249.3	18,500 *	74.5	246.0	16,100 *
190	70	110	67.3	246.8	19,500 *	69.8	245.1	18,100 *	72.1	241.7	15,200 *
190	70	120	64.9	242.0	19,000 *	67.4	240.3	17,700 *	69.6	236.8	14,400 *
190	70	130	62.4	236.8	18,000 *	64.9	235.0	17,300 *	67.1	231.5	13,800 *
190	70	140	59.9	231.0	16,800 *	62.3	229.2	16,400 *	64.5	225.5	13,200 *
190	70	150	57.3	224.5	15,800 *	59.7	222.7	15,400 *	61.8	218.9	12,100 *
190	70	160	54.6	217.4	14,900 *	57.0	215.5	14,500 *	59.1	211.6	10,900 *
190	70	170	51.8	209.6	14,000 *	54.2	207.6	13,700 *	56.2	203.5	10,200 *
190	70	180	48.9	200.9	13,200 *	51.3	198.8	13,000 *	53.2	194.6	9,200 *
190	70	190	45.9	191.3	12,500 *	48.2	189.1	12,300 *	50.1	184.6	8,500 *
190	70	200	42.7	180.5	11,800 *	44.9	178.2	11,700 *	46.8	173.4	7,800 *
190	70	210	39.3	168.5	11,300 *	41.5	165.9	10,900 *			
190	70	220	35.6	154.7	10,700 *	37.7	152.0	10,100 *			
190	70	230	31.4	138.8	10,200 *						
190	70	240	26.8	119.9	9,800 *						
190	80	50	81.6	275.4	17,900 *						
190	80	60	79.4	273.5	17,600 *						
190	80	70	77.3	271.2	17,200 *	80.1	269.4	16,100 *			
190	80	80	75.1	268.4	16,900 *	77.9	266.6	15,600 *	80.6	263.1	14,300 *
190	80	90	72.9	265.3	16,600 *	75.7	263.5	15,200 *	78.3	259.9	14,000 *
190	80	100	70.6	261.7	16,200 *	73.4	259.8	14,700 *	76.0	256.2	13,700 *
190	80	110	68.4	257.7	15,700 *	71.1	255.8	14,400 *	73.7	252.1	13,000 *
190	80	120	66.1	253.1	15,300 *	68.8	251.2	14,100 *	71.3	247.5	12,300 *
190	80	130	63.7	248.1	14,800 *	66.4	246.2	13,800 *	68.9	242.3	11,600 *
190	80	140	61.3	242.6	14,400 *	64.0	240.6	13,500 *	66.5	236.6	10,600 *
190	80	150	58.8	236.5	13,800 *	61.5	234.5	13,300 *	63.9	230.4	9,700 *
190	80	160	56.3	229.8	12,900 *	59.0	227.7	12,600 *	61.3	223.5	8,900 *
190	80	170	53.7	222.4	12,200 *	56.3	220.2	11,700 *	58.6	215.8	8,000 *
190	80	180	51.0	214.2	11,500 *	53.6	212.0	10,900 *	55.8	207.4	7,300 *
190	80	190	48.1	205.2	10,800 *	50.7	202.9	10,100 *	52.9	198.1	6,700 *
190	80	200	45.2	195.3	10,200 *	47.7	192.8	9,500 *	49.8	187.8	6,200 *
190	80	210	42.0	184.2	9,700 *	44.5	181.6	8,600 *	46.5	176.2	5,700 *
190	80	220	38.7	171.8	9,200 *	41.1	169.0	8,100 *			
190	80	230	35.0	157.8	8,800 *	37.4	154.6	7,500 *			
190	80	240	31.0	141.5	8,400 *						
190	80	250	26.4	122.0	8,100 *						

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+0 Cwt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the crane rating manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
190	90	60	80.0	283.7	13,600 *						
190	90	70	77.9	281.4	13,300 *	81.0	279.5	12,200 *			
190	90	80	75.8	278.8	13,000 *	78.9	276.9	11,800 *	81.8	273.0	10,400 *
190	90	90	73.7	275.8	12,700 *	76.7	273.8	11,400 *	79.6	269.9	10,300 *
190	90	100	71.5	272.3	12,400 *	74.6	270.4	11,000 *	77.4	266.4	10,100 *
190	90	110	69.3	268.5	11,900 *	72.4	266.5	10,500 *	75.2	262.4	10,000 *
190	90	120	67.1	264.2	11,500 *	70.1	262.1	10,300 *	72.9	258.0	9,800 *
190	90	130	64.9	259.4	11,000 *	67.9	257.3	10,200 *	70.6	253.1	9,500 *
190	90	140	62.6	254.1	10,600 *	65.5	251.9	10,000 *	68.3	247.7	8,700 *
190	90	150	60.2	248.3	10,300 *	63.2	246.1	9,800 *	65.8	241.7	7,800 *
190	90	160	57.8	241.9	10,200 *	60.7	239.6	9,700 *	63.4	235.1	7,200 *
190	90	170	55.3	234.9	10,000 *	58.2	232.6	9,500 *	60.8	227.9	6,500 *
190	90	180	52.8	227.2	9,800 *	55.7	224.8	8,800 *	58.2	220.0	6,000 *
190	90	190	50.1	218.8	9,500 *	53.0	216.3	8,100 *	55.4	211.3	5,400 *
190	90	200	47.4	209.5	8,900 *	50.2	206.9	7,600 *	52.5	201.6	4,900 *
190	90	210	44.5	199.2	8,500 *	47.2	196.5	7,100 *	49.5	191.0	4,600 *
190	90	220	41.4	187.9	8,000 *	44.1	185.0	6,500 *	46.3	179.0	4,300 *
190	90	230	38.1	175.1	7,700 *	40.7	172.0	6,200 *			
190	90	240	34.5	160.7	7,300 *	37.1	157.3	5,800 *			
190	90	250	30.6	144.0	7,000 *						
190	90	260	26.1	124.2	6,700 *						
190	100	60	80.5	293.9	9,700 *						
190	100	70	78.5	291.7	9,400 *	81.8	289.7	8,400 *			
190	100	80	76.5	289.2	9,100 *	79.8	287.1	8,200 *			
190	100	90	74.4	286.3	8,800 *	77.7	284.2	8,000 *	80.8	280.0	7,400 *
190	100	100	72.4	282.9	8,500 *	75.6	280.8	7,800 *	78.7	276.6	7,200 *
190	100	110	70.3	279.2	8,300 *	73.5	277.1	7,600 *	76.6	272.8	7,100 *
190	100	120	68.1	275.1	8,100 *	71.4	272.9	7,400 *	74.4	268.5	6,900 *
190	100	130	66.0	270.5	7,800 *	69.2	268.3	7,300 *	72.2	263.8	6,800 *
190	100	140	63.8	265.4	7,600 *	67.0	263.2	7,100 *	69.9	258.6	6,600 *
190	100	150	61.5	259.9	7,400 *	64.7	257.6	7,000 *	67.6	252.9	6,400 *
190	100	160	59.2	253.8	7,300 *	62.4	251.4	6,800 *	65.3	246.7	5,800 *
190	100	170	56.9	247.1	7,100 *	60.0	244.7	6,600 *	62.8	239.8	5,300 *
190	100	180	54.5	239.9	6,900 *	57.6	237.3	6,500 *	60.3	232.3	4,800 *
190	100	190	52.0	231.9	6,800 *	55.0	229.3	6,300 *	57.7	224.1	4,400 *
190	100	200	49.4	223.2	6,600 *	52.4	220.5	6,100 *	55.0	215.0	4,000 *
190	100	210	46.6	213.6	6,400 *	49.7	210.8	5,700 *	52.2	205.1	3,700 *
190	100	220	43.8	203.1	6,200 *	46.8	200.1	5,400 *	49.2	194.1	3,400 *
190	100	230	40.8	191.4	6,000 *	43.7	188.2	5,000 *	46.1	181.8	3,200 *
190	100	240	37.6	178.4	5,600 *	40.4	174.9	4,700 *			
190	100	250	34.1	163.6	5,200 *	36.8	159.8	4,200 *			
190	100	260	30.2	146.6	4,600 *						
190	100	270	25.7	126.3	4,000 *						
200	30	40	81.5	236.7	40,000 *						
200	30	50	79.0	234.8	40,000 *	80.3	234.0	40,000 *	81.4	232.4	40,000 *

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+0 Cwtw 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the crane rating manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
200	30	60	76.5	232.6	40,000 *	77.7	231.7	40,000 *	78.9	230.1	40,000 *
200	30	70	73.9	229.8	40,000 *	75.1	229.0	40,000 *	76.3	227.3	40,000 *
200	30	80	71.3	226.5	40,000 *	72.5	225.7	40,000 *	73.6	224.0	40,000 *
200	30	90	68.7	222.8	40,000 *	69.9	221.9	40,000 *	71.0	220.2	38,500 *
200	30	100	66.0	218.5	40,000 *	67.2	217.6	40,000 *	68.3	215.9	36,500 *
200	30	110	63.3	213.6	36,200	64.4	212.7	36,100 *	65.5	210.9	36,600 *
200	30	120	60.5	208.1	31,700	61.6	207.2	32,000	62.6	205.4	32,400
200	30	130	57.6	201.9	28,000	58.7	201.0	28,300	59.7	199.1	28,600
200	30	140	54.6	195.0	24,900	55.7	194.1	25,100	56.6	192.1	25,400
200	30	150	51.4	187.3	22,200	52.6	186.3	22,400	53.5	184.3	22,600
200	30	160	48.2	178.7	19,900	49.3	177.6	20,000	50.2	175.5	20,200
200	30	170	44.7	169.0	17,900	45.8	167.8	18,000	46.7	165.6	18,100
200	30	180	41.1	158.0	16,100	42.1	156.7	16,200			
200	30	190	37.1	145.4	14,500	38.1	144.0	14,500			
200	30	200	32.7	130.7	13,100						
200	30	210	27.7	113.1	11,800						
200	40	50	79.7	245.0	36,000 *	81.3	244.0	35,900 *			
200	40	60	77.3	242.8	36,000 *	78.8	241.8	35,500 *	80.3	239.7	34,600 *
200	40	70	74.8	240.2	36,000 *	76.4	239.1	35,200 *	77.8	237.0	34,400 *
200	40	80	72.3	237.1	36,000 *	73.9	236.0	34,900 *	75.3	233.9	34,300 *
200	40	90	69.8	233.5	35,700 *	71.4	232.4	34,600 *	72.8	230.2	32,400 *
200	40	100	67.3	229.4	35,300 *	68.8	228.3	32,900 *	70.2	226.1	30,600 *
200	40	110	64.7	224.8	32,300 *	66.2	223.6	31,100 *	67.5	221.4	29,000 *
200	40	120	62.0	219.6	30,500 *	63.5	218.4	29,500 *	64.8	216.1	27,600 *
200	40	130	59.3	213.7	28,300	60.7	212.5	27,900 *	62.0	210.2	26,400 *
200	40	140	56.4	207.2	25,200	57.9	206.0	25,600	59.2	203.6	25,300 *
200	40	150	53.5	200.0	22,500	55.0	198.7	22,800	56.2	196.2	23,100
200	40	160	50.5	192.0	20,200	51.9	190.6	20,500	53.1	188.0	20,700
200	40	170	47.3	183.0	18,200	48.7	181.6	18,400	49.8	178.8	18,600
200	40	180	44.0	172.9	16,400	45.3	171.4	16,600	46.4	168.5	16,800
200	40	190	40.4	161.6	14,800	41.7	160.0	14,900			
200	40	200	36.5	148.6	13,400	37.8	146.8	13,500			
200	40	210	32.2	133.5	12,100						
200	40	220	27.3	115.4	11,000						
200	50	50	80.3	255.2	32,000 *						
200	50	60	78.0	253.1	32,000 *	79.9	251.8	31,400 *	81.7	249.3	29,400 *
200	50	70	75.6	250.5	32,000 *	77.5	249.3	30,800 *	79.3	246.8	28,700 *
200	50	80	73.3	247.6	32,000 *	75.1	246.3	30,200 *	76.9	243.8	26,900 *
200	50	90	70.9	244.1	31,200 *	72.7	242.8	29,600 *	74.4	240.3	25,300 *
200	50	100	68.4	240.2	29,200 *	70.3	238.9	28,000 *	72.0	236.3	23,900 *
200	50	110	65.9	235.8	27,400 *	67.8	234.5	26,300 *	69.4	231.8	22,700 *
200	50	120	63.4	230.9	25,700 *	65.2	229.5	24,800 *	66.8	226.8	21,600 *
200	50	130	60.8	225.4	24,200 *	62.6	223.9	23,400 *	64.2	221.1	20,600 *
200	50	140	58.1	219.2	22,800 *	59.9	217.8	22,100 *	61.5	214.9	19,800 *
200	50	150	55.4	212.4	21,400 *	57.2	210.9	20,900 *	58.7	207.9	18,300 *

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+0 Cwt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the crane rating manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
200	50	160	52.5	204.9	20,200 *	54.3	203.3	19,800 *	55.8	200.2	16,800 *
200	50	170	49.6	196.5	18,500	51.3	194.9	18,800	52.7	191.6	15,400 *
200	50	180	46.5	187.2	16,700	48.2	185.5	16,900	49.5	182.1	14,200 *
200	50	190	43.2	176.8	15,100	44.9	175.0	15,300	46.2	171.3	13,000 *
200	50	200	39.7	165.1	13,700	41.3	163.1	13,800			
200	50	210	35.9	151.7	12,400	37.5	149.6	12,500			
200	50	220	31.7	136.2	11,200						
200	50	230	26.9	117.7	10,200						
200	60	50	80.9	265.3	26,900 *						
200	60	60	78.6	263.3	26,700 *	80.8	261.9	25,900 *			
200	60	70	76.4	260.9	26,500 *	78.6	259.4	25,400 *	80.6	256.5	23,400 *
200	60	80	74.1	258.0	26,300 *	76.3	256.6	24,900 *	78.3	253.6	21,900 *
200	60	90	71.8	254.7	26,100 *	74.0	253.2	24,400 *	76.0	250.3	20,600 *
200	60	100	69.5	251.0	25,200 *	71.6	249.5	23,900 *	73.6	246.5	19,500 *
200	60	110	67.1	246.8	23,600 *	69.2	245.2	22,600 *	71.2	242.2	18,500 *
200	60	120	64.7	242.1	22,100 *	66.8	240.5	21,300 *	68.7	237.4	17,600 *
200	60	130	62.2	236.8	20,700 *	64.3	235.2	20,000 *	66.2	232.0	16,800 *
200	60	140	59.7	231.0	19,400 *	61.8	229.4	18,900 *	63.6	226.1	16,000 *
200	60	150	57.1	224.6	18,200 *	59.2	222.9	17,800 *	61.0	219.5	14,500 *
200	60	160	54.4	217.5	17,200 *	56.5	215.7	16,800 *	58.2	212.2	13,300 *
200	60	170	51.6	209.6	16,200 *	53.7	207.8	15,900 *	55.4	204.2	12,300 *
200	60	180	48.7	200.9	15,300 *	50.7	199.0	15,100 *	52.4	195.2	11,100 *
200	60	190	45.7	191.3	14,500 *	47.7	189.3	14,300 *	49.3	185.3	10,300 *
200	60	200	42.5	180.6	13,800 *	44.4	178.4	13,500 *	45.9	174.2	9,500 *
200	60	210	39.1	168.5	12,600	40.9	166.2	12,400 *			
200	60	220	35.4	154.8	11,500	37.2	152.3	11,600			
200	60	230	31.3	138.9	10,400						
200	60	240	26.6	119.9	9,500						
200	70	50	81.4	275.5	21,900 *						
200	70	60	79.2	273.5	21,500 *	81.7	271.9	20,400 *			
200	70	70	77.1	271.2	21,200 *	79.5	269.5	20,000 *	81.9	266.3	18,400 *
200	70	80	74.9	268.4	20,900 *	77.3	266.8	19,500 *	79.7	263.5	18,100 *
200	70	90	72.7	265.3	20,600 *	75.1	263.6	19,100 *	77.4	260.3	17,300 *
200	70	100	70.4	261.7	20,100 *	72.9	260.0	18,600 *	75.1	256.6	16,300 *
200	70	110	68.2	257.7	19,700 *	70.6	256.0	18,200 *	72.8	252.5	15,400 *
200	70	120	65.9	253.2	19,100 *	68.3	251.4	17,900 *	70.5	247.9	14,700 *
200	70	130	63.5	248.2	17,900 *	65.9	246.4	17,300 *	68.0	242.8	14,000 *
200	70	140	61.1	242.6	16,800 *	63.5	240.8	16,300 *	65.6	237.1	13,000 *
200	70	150	58.6	236.5	15,700 *	61.0	234.6	15,300 *	63.1	230.9	11,600 *
200	70	160	56.1	229.8	14,800 *	58.4	227.9	14,400 *	60.5	224.0	10,600 *
200	70	170	53.5	222.4	13,900 *	55.8	220.4	13,600 *	57.8	216.4	9,700 *
200	70	180	50.8	214.3	13,100 *	53.0	212.2	12,800 *	55.0	208.0	8,700 *
200	70	190	47.9	205.3	12,400 *	50.2	203.1	11,800 *	52.0	198.7	8,200 *
200	70	200	45.0	195.3	11,800 *	47.2	193.0	10,900 *	49.0	188.4	7,400 *
200	70	210	41.8	184.3	11,200 *	44.0	181.8	10,100 *	45.7	176.9	6,900 *

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+0 Cwt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the crane rating manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
200	70	220	38.5	171.9	10,600 *	40.6	169.2	9,600 *			
200	70	230	34.8	157.8	10,100 *	36.9	154.9	8,900 *			
200	70	240	30.8	141.5	9,700 *						
200	70	250	26.2	122.1	8,800						
200	80	50	81.9	285.6	17,900 *						
200	80	60	79.8	283.7	17,600 *						
200	80	70	77.7	281.5	17,300 *	80.4	279.7	16,100 *			
200	80	80	75.6	278.8	17,000 *	78.3	277.0	15,700 *	80.9	273.4	14,300 *
200	80	90	73.5	275.8	16,700 *	76.2	274.0	15,300 *	78.7	270.3	14,100 *
200	80	100	71.3	272.4	16,300 *	74.0	270.5	14,900 *	76.5	266.8	13,800 *
200	80	110	69.2	268.5	15,900 *	71.8	266.6	14,400 *	74.3	262.9	13,100 *
200	80	120	67.0	264.2	15,400 *	69.6	262.3	14,200 *	72.1	258.4	12,500 *
200	80	130	64.7	259.4	15,000 *	67.3	257.4	13,900 *	69.8	253.5	11,300 *
200	80	140	62.4	254.1	14,500 *	65.0	252.1	13,700 *	67.4	248.1	10,300 *
200	80	150	60.1	248.3	13,700 *	62.7	246.2	13,300 *	65.0	242.2	9,400 *
200	80	160	57.7	241.9	12,900 *	60.2	239.8	12,400 *	62.5	235.6	8,600 *
200	80	170	55.2	234.9	12,100 *	57.7	232.7	11,300 *	60.0	228.4	7,700 *
200	80	180	52.6	227.2	11,400 *	55.1	225.0	10,400 *	57.3	220.5	7,100 *
200	80	190	50.0	218.8	10,800 *	52.5	216.5	9,700 *	54.6	211.8	6,400 *
200	80	200	47.2	209.5	10,200 *	49.7	207.1	9,000 *	51.7	202.2	6,000 *
200	80	210	44.3	199.3	9,600 *	46.7	196.7	8,400 *	48.7	191.5	5,500 *
200	80	220	41.2	187.9	9,200 *	43.6	185.2	7,800 *	45.5	179.7	5,100 *
200	80	230	37.9	175.2	8,700 *	40.3	172.2	7,300 *			
200	80	240	34.4	160.7	8,300 *	36.6	157.5	6,800 *			
200	80	250	30.4	144.1	8,000 *						
200	80	260	25.9	124.2	7,700 *						
200	90	60	80.3	293.9	13,700 *						
200	90	70	78.3	291.7	13,400 *	81.3	289.8	12,300 *			
200	90	80	76.3	289.2	13,100 *	79.3	287.2	11,900 *			
200	90	90	74.2	286.3	12,800 *	77.2	284.3	11,500 *	80.0	280.3	10,300 *
200	90	100	72.2	283.0	12,500 *	75.1	281.0	11,100 *	77.9	277.0	10,200 *
200	90	110	70.1	279.2	12,100 *	73.0	277.2	10,700 *	75.7	273.2	10,000 *
200	90	120	68.0	275.1	11,600 *	70.9	273.0	10,400 *	73.6	268.9	9,900 *
200	90	130	65.8	270.5	11,200 *	68.7	268.4	10,200 *	71.4	264.2	9,300 *
200	90	140	63.6	265.5	10,800 *	66.5	263.3	10,100 *	69.1	259.0	8,400 *
200	90	150	61.4	259.9	10,400 *	64.2	257.7	9,900 *	66.8	253.3	7,700 *
200	90	160	59.1	253.8	10,300 *	61.9	251.6	9,800 *	64.4	247.1	6,900 *
200	90	170	56.7	247.2	10,100 *	59.5	244.8	9,200 *	62.0	240.2	6,400 *
200	90	180	54.3	239.9	9,900 *	57.1	237.5	8,500 *	59.5	232.7	5,700 *
200	90	190	51.8	231.9	9,400 *	54.5	229.5	7,900 *	56.9	224.5	5,200 *
200	90	200	49.2	223.2	8,900 *	51.9	220.7	7,300 *	54.2	215.5	4,800 *
200	90	210	46.5	213.7	8,400 *	49.2	211.0	6,800 *	51.4	205.6	4,500 *
200	90	220	43.6	203.1	8,000 *	46.3	200.3	6,400 *	48.4	194.6	4,100 *
200	90	230	40.6	191.5	7,600 *	43.2	188.4	6,000 *	45.3	182.3	3,800 *
200	90	240	37.4	178.4	7,200 *	39.9	175.2	5,500 *			

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+0 Cwt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the crane rating manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
200	90	250	33.9	163.6	6,900 *	36.4	160.1	5,200 *			
200	90	260	30.0	146.6	6,600 *						
200	90	270	25.6	126.3	6,400 *						
200	100	60	80.8	304.1	9,800 *						
200	100	70	78.9	302.0	9,500 *						
200	100	80	76.9	299.5	9,200 *	80.1	297.4	8,300 *			
200	100	90	75.0	296.7	8,900 *	78.1	294.6	8,100 *	81.2	290.4	7,400 *
200	100	100	73.0	293.5	8,600 *	76.1	291.4	7,900 *	79.1	287.1	7,300 *
200	100	110	70.9	289.9	8,300 *	74.1	287.8	7,700 *	77.1	283.4	7,100 *
200	100	120	68.9	286.0	8,100 *	72.0	283.7	7,500 *	75.0	279.3	7,000 *
200	100	130	66.8	281.5	7,900 *	69.9	279.3	7,300 *	72.8	274.8	6,800 *
200	100	140	64.7	276.7	7,700 *	67.8	274.4	7,200 *	70.7	269.9	6,700 *
200	100	150	62.6	271.4	7,500 *	65.7	269.0	7,000 *	68.5	264.4	6,200 *
200	100	160	60.4	265.6	7,300 *	63.4	263.2	6,900 *	66.2	258.4	5,700 *
200	100	170	58.1	259.2	7,200 *	61.2	256.8	6,700 *	63.9	251.9	5,100 *
200	100	180	55.8	252.3	7,000 *	58.8	249.8	6,600 *	61.5	244.8	4,700 *
200	100	190	53.5	244.8	6,900 *	56.4	242.2	6,400 *	59.1	237.0	4,300 *
200	100	200	51.0	236.5	6,700 *	54.0	233.9	5,900 *	56.5	228.5	3,900 *
200	100	210	48.5	227.6	6,500 *	51.4	224.8	5,500 *	53.9	219.1	3,600 *
200	100	220	45.8	217.7	6,300 *	48.7	214.8	5,200 *	51.1	208.9	3,300 *
200	100	230	43.0	206.9	6,200 *	45.9	203.8	4,800 *	48.2	197.6	3,100 *
200	100	240	40.0	194.9	6,000 *	42.8	191.6	4,500 *	45.1	185.0	2,800 *
200	100	250	36.9	181.6	5,500 *	39.6	178.0	4,300 *			
200	100	260	33.4	166.5	5,100 *	36.1	162.6	4,000 *			
200	100	270	29.6	149.1	4,600 *						
200	100	280	25.3	128.4	4,000 *						
210	30	40	81.9	246.8	40,000 *						
210	30	50	79.5	245.0	40,000 *	80.7	244.2	40,000 *	81.8	242.6	40,000 *
210	30	60	77.1	242.8	40,000 *	78.2	242.0	40,000 *	79.3	240.4	40,000 *
210	30	70	74.6	240.2	40,000 *	75.8	239.4	40,000 *	76.9	237.7	40,000 *
210	30	80	72.1	237.1	40,000 *	73.3	236.3	40,000 *	74.4	234.6	40,000 *
210	30	90	69.6	233.5	40,000 *	70.8	232.7	40,000 *	71.8	231.0	39,100 *
210	30	100	67.1	229.4	40,000 *	68.2	228.5	40,000 *	69.2	226.8	37,100 *
210	30	110	64.5	224.8	35,800	65.6	223.9	36,300	66.6	222.1	36,500
210	30	120	61.8	219.6	31,300	62.9	218.7	31,700	63.9	216.9	32,100
210	30	130	59.1	213.8	27,600	60.2	212.8	27,900	61.1	211.0	28,300
210	30	140	56.2	207.3	24,500	57.3	206.3	24,800	58.3	204.4	25,000
210	30	150	53.3	200.1	21,800	54.4	199.1	22,000	55.3	197.1	22,300
210	30	160	50.3	192.0	19,500	51.3	191.0	19,700	52.2	188.9	19,900
210	30	170	47.1	183.0	17,500	48.2	181.9	17,600	49.0	179.7	17,800
210	30	180	43.8	173.0	15,700	44.8	171.8	15,800	45.6	169.5	16,000
210	30	190	40.2	161.6	14,100	41.2	160.3	14,200			
210	30	200	36.3	148.6	12,700	37.3	147.3	12,800			
210	30	210	32.0	133.5	11,400						
210	30	220	27.1	115.5	10,300						

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+0 Ctwrt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the crane rating manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
210	40	50	80.1	255.2	36,000 *	81.6	254.2	35,900 *			
210	40	60	77.8	253.1	36,000 *	79.3	252.0	35,600 *	80.7	250.0	34,600 *
210	40	70	75.4	250.6	36,000 *	76.9	249.5	35,300 *	78.3	247.4	34,500 *
210	40	80	73.1	247.6	36,000 *	74.6	246.5	35,000 *	75.9	244.4	34,300 *
210	40	90	70.7	244.2	35,800 *	72.1	243.1	34,700 *	73.5	240.9	32,900 *
210	40	100	68.2	240.3	33,900 *	69.7	239.2	32,500 *	71.0	237.0	31,100 *
210	40	110	65.7	235.8	31,900 *	67.2	234.7	30,800 *	68.5	232.5	29,500 *
210	40	120	63.2	230.9	30,100 *	64.7	229.7	29,100 *	65.9	227.5	28,100 *
210	40	130	60.6	225.4	28,000	62.0	224.2	27,600 *	63.3	221.9	26,100 *
210	40	140	57.9	219.3	24,800	59.4	218.0	25,200	60.6	215.6	24,000 *
210	40	150	55.2	212.4	22,200	56.6	211.2	22,500	57.8	208.7	21,700 *
210	40	160	52.4	204.9	19,800	53.7	203.6	20,100	54.9	201.0	19,800 *
210	40	170	49.4	196.5	17,800	50.8	195.2	18,000	51.9	192.5	18,300
210	40	180	46.3	187.2	16,000	47.6	185.8	16,200	48.7	182.9	16,400
210	40	190	43.0	176.8	14,400	44.3	175.3	14,600	45.3	172.3	14,800
210	40	200	39.5	165.1	13,000	40.8	163.5	13,100			
210	40	210	35.7	151.8	11,800	37.0	150.0	11,800			
210	40	220	31.5	136.3	10,600						
210	40	230	26.8	117.7	9,600						
210	50	50	80.7	265.3	32,000 *						
210	50	60	78.4	263.3	32,000 *	80.3	262.1	31,500 *	82.0	259.6	29,400 *
210	50	70	76.2	260.9	32,000 *	78.0	259.6	31,000 *	79.7	257.1	29,100 *
210	50	80	73.9	258.0	32,000 *	75.7	256.8	30,400 *	77.4	254.2	27,200 *
210	50	90	71.6	254.8	30,900 *	73.4	253.5	29,500 *	75.1	250.9	25,600 *
210	50	100	69.3	251.0	28,900 *	71.1	249.7	27,700 *	72.7	247.1	24,300 *
210	50	110	66.9	246.8	27,100 *	68.7	245.5	26,100 *	70.3	242.8	23,100 *
210	50	120	64.5	242.1	25,500 *	66.3	240.7	24,600 *	67.8	238.0	22,000 *
210	50	130	62.0	236.8	23,900 *	63.8	235.4	23,200 *	65.3	232.6	21,000 *
210	50	140	59.5	231.0	22,500 *	61.2	229.6	21,900 *	62.7	226.7	19,000 *
210	50	150	56.9	224.6	21,200 *	58.6	223.1	20,700 *	60.1	220.2	17,400 *
210	50	160	54.2	217.5	20,100 *	55.9	216.0	19,600 *	57.4	212.9	15,900 *
210	50	170	51.4	209.6	18,100	53.1	208.1	18,400	54.5	204.9	14,500 *
210	50	180	48.6	201.0	16,300	50.2	199.3	16,600	51.5	196.0	13,400 *
210	50	190	45.5	191.3	14,700	47.1	189.6	15,000	48.4	186.1	12,300 *
210	50	200	42.3	180.6	13,300	43.9	178.7	13,500	45.1	175.0	11,300 *
210	50	210	38.9	168.5	12,000	40.4	166.5	12,200			
210	50	220	35.2	154.8	10,900	36.7	152.6	11,000			
210	50	230	31.1	138.9	9,800						
210	50	240	26.4	120.0	8,900						
210	60	50	81.2	275.5	26,900 *						
210	60	60	79.1	273.5	26,700 *	81.2	272.1	26,000 *			
210	60	70	76.9	271.2	26,500 *	79.0	269.7	25,500 *	81.0	266.8	23,600 *
210	60	80	74.7	268.5	26,400 *	76.8	267.0	25,000 *	78.8	264.0	22,200 *
210	60	90	72.5	265.3	26,200 *	74.6	263.8	24,500 *	76.5	260.8	20,900 *
210	60	100	70.3	261.7	25,000 *	72.3	260.2	23,900 *	74.2	257.2	19,700 *

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+0 Cwt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the crane rating manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
210	60	110	68.0	257.7	23,400 *	70.1	256.1	22,500 *	71.9	253.1	18,700 *
210	60	120	65.7	253.2	21,900 *	67.7	251.6	21,100 *	69.6	248.5	17,800 *
210	60	130	63.3	248.2	20,500 *	65.4	246.6	19,800 *	67.2	243.4	16,800 *
210	60	140	60.9	242.6	19,300 *	62.9	241.0	18,700 *	64.7	237.7	15,400 *
210	60	150	58.5	236.5	18,100 *	60.5	234.8	17,600 *	62.2	231.5	13,900 *
210	60	160	55.9	229.8	17,100 *	57.9	228.1	16,700 *	59.6	224.6	12,800 *
210	60	170	53.3	222.4	16,100 *	55.3	220.6	15,800 *	56.9	217.0	11,500 *
210	60	180	50.6	214.3	15,200 *	52.5	212.4	14,700 *	54.1	208.7	10,600 *
210	60	190	47.8	205.3	14,400 *	49.7	203.3	13,800 *	51.2	199.4	9,800 *
210	60	200	44.8	195.4	13,500 *	46.7	193.3	12,700 *	48.2	189.2	8,900 *
210	60	210	41.7	184.3	12,300 *	43.5	182.1	11,700 *			
210	60	220	38.3	171.9	11,100 *	40.1	169.5	10,900 *			
210	60	230	34.7	157.8	10,100 *	36.4	155.2	10,200 *			
210	60	240	30.6	141.5	9,100 *						
210	60	250	26.1	122.1	8,200 *						
210	70	50	81.7	285.6	21,900 *						
210	70	60	79.6	283.7	21,600 *						
210	70	70	77.5	281.5	21,300 *	79.9	279.8	20,000 *			
210	70	80	75.4	278.8	21,000 *	77.8	277.2	19,600 *	80.0	273.9	18,100 *
210	70	90	73.3	275.8	20,600 *	75.7	274.1	19,200 *	77.9	270.8	17,500 *
210	70	100	71.2	272.4	20,300 *	73.5	270.7	18,800 *	75.7	267.3	16,500 *
210	70	110	69.0	268.5	19,800 *	71.3	266.8	18,300 *	73.5	263.3	15,600 *
210	70	120	66.8	264.2	19,000 *	69.1	262.4	18,000 *	71.2	258.9	14,900 *
210	70	130	64.5	259.4	17,800 *	66.8	257.6	17,200 *	68.9	254.0	13,700 *
210	70	140	62.2	254.1	16,600 *	64.5	252.3	16,200 *	66.6	248.6	12,400 *
210	70	150	59.9	248.3	15,600 *	62.2	246.4	15,200 *	64.2	242.7	11,200 *
210	70	160	57.5	241.9	14,700 *	59.7	240.0	14,200 *	61.7	236.2	10,200 *
210	70	170	55.0	234.9	13,800 *	57.2	232.9	13,300 *	59.2	229.0	9,200 *
210	70	180	52.4	227.2	13,100 *	54.6	225.2	12,200 *	56.5	221.1	8,600 *
210	70	190	49.8	218.8	12,300 *	52.0	216.7	11,300 *	53.8	212.4	7,700 *
210	70	200	47.0	209.5	11,700 *	49.2	207.3	10,500 *	50.9	202.8	7,200 *
210	70	210	44.1	199.3	11,100 *	46.2	196.9	9,700 *	47.9	192.2	6,500 *
210	70	220	41.0	187.9	10,500 *	43.1	185.4	8,900 *			
210	70	230	37.7	175.2	10,000 *	39.8	172.5	8,400 *			
210	70	240	34.2	160.8	9,300 *	36.1	157.8	7,900 *			
210	70	250	30.2	144.1	8,500 *						
210	70	260	25.7	124.3	7,600 *						
210	80	60	80.2	293.9	17,700 *						
210	80	70	78.1	291.7	17,400 *	80.8	289.9	16,200 *			
210	80	80	76.1	289.2	17,100 *	78.7	287.4	15,800 *	81.2	283.7	14,400 *
210	80	90	74.1	286.3	16,800 *	76.7	284.4	15,400 *	79.2	280.8	14,100 *
210	80	100	72.0	283.0	16,500 *	74.6	281.1	15,000 *	77.0	277.4	13,900 *
210	80	110	69.9	279.3	16,000 *	72.5	277.4	14,600 *	74.9	273.6	13,300 *
210	80	120	67.8	275.1	15,600 *	70.4	273.2	14,300 *	72.7	269.3	12,100 *
210	80	130	65.6	270.5	15,200 *	68.2	268.6	14,000 *	70.5	264.7	10,900 *

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+0 Cwt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the crane rating manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
210	80	140	63.4	265.5	14,500 *	66.0	263.5	13,800 *	68.3	259.5	9,900 *
210	80	150	61.2	259.9	13,600 *	63.7	257.9	12,800 *	66.0	253.8	9,000 *
210	80	160	58.9	253.8	12,800 *	61.4	251.7	11,800 *	63.6	247.6	8,300 *
210	80	170	56.5	247.2	12,000 *	59.0	245.0	11,000 *	61.2	240.7	7,400 *
210	80	180	54.1	239.9	11,300 *	56.6	237.7	10,000 *	58.7	233.2	6,800 *
210	80	190	51.6	232.0	10,700 *	54.1	229.6	9,200 *	56.1	225.0	6,300 *
210	80	200	49.0	223.2	10,100 *	51.4	220.8	8,500 *	53.5	216.1	5,700 *
210	80	210	46.3	213.7	9,600 *	48.7	211.2	8,000 *	50.6	206.1	5,300 *
210	80	220	43.5	203.2	9,100 *	45.8	200.5	7,400 *	47.7	195.2	4,800 *
210	80	230	40.4	191.5	8,600 *	42.7	188.7	6,900 *			
210	80	240	37.2	178.4	8,200 *	39.5	175.4	6,400 *			
210	80	250	33.7	163.7	7,900 *	35.9	160.3	6,100 *			
210	80	260	29.8	146.6	7,500 *						
210	80	270	25.4	126.4	7,100						
210	90	60	80.6	304.1	13,700 *						
210	90	70	78.7	302.0	13,500 *	81.6	300.0	12,400 *			
210	90	80	76.8	299.5	13,200 *	79.6	297.6	12,000 *			
210	90	90	74.8	296.7	12,900 *	77.6	294.7	11,600 *	80.3	290.7	10,300 *
210	90	100	72.8	293.5	12,600 *	75.6	291.5	11,200 *	78.3	287.5	10,200 *
210	90	110	70.8	290.0	12,200 *	73.6	287.9	10,800 *	76.2	283.8	10,100 *
210	90	120	68.7	286.0	11,800 *	71.6	283.9	10,400 *	74.2	279.7	9,900 *
210	90	130	66.7	281.6	11,400 *	69.5	279.4	10,300 *	72.0	275.2	9,100 *
210	90	140	64.6	276.7	11,000 *	67.3	274.6	10,100 *	69.9	270.3	8,200 *
210	90	150	62.4	271.4	10,500 *	65.2	269.2	10,000 *	67.7	264.8	7,400 *
210	90	160	60.2	265.6	10,300 *	63.0	263.3	9,700 *	65.4	258.8	6,800 *
210	90	170	58.0	259.2	10,200 *	60.7	256.9	8,900 *	63.1	252.3	6,100 *
210	90	180	55.7	252.3	9,900 *	58.4	250.0	8,300 *	60.8	245.2	5,500 *
210	90	190	53.3	244.8	9,400 *	56.0	242.3	7,600 *	58.3	237.4	5,100 *
210	90	200	50.8	236.6	8,800 *	53.5	234.0	7,000 *	55.8	228.9	4,600 *
210	90	210	48.3	227.6	8,400 *	50.9	224.9	6,600 *	53.1	219.6	4,200 *
210	90	220	45.6	217.8	7,900 *	48.2	215.0	6,100 *	50.4	209.4	3,900 *
210	90	230	42.8	206.9	7,500 *	45.4	204.0	5,600 *	47.4	198.1	3,700 *
210	90	240	39.9	195.0	7,200 *	42.4	191.9	5,200 *			
210	90	250	36.7	181.6	6,800 *	39.2	178.3	4,900 *			
210	90	260	33.3	166.5	6,400 *	35.6	162.8	4,700 *			
210	90	270	29.5	149.1	6,100 *						
210	90	280	25.1	128.4	5,800 *						
210	100	60	81.1	314.2	9,800 *						
210	100	70	79.2	312.2	9,500 *						
210	100	80	77.4	309.8	9,300 *	80.4	307.7	8,300 *			
210	100	90	75.4	307.1	9,000 *	78.5	305.0	8,100 *	81.5	300.7	7,400 *
210	100	100	73.5	304.1	8,700 *	76.6	301.9	7,900 *	79.5	297.5	7,300 *
210	100	110	71.6	300.6	8,400 *	74.6	298.4	7,700 *	77.5	294.0	7,100 *
210	100	120	69.6	296.8	8,200 *	72.7	294.5	7,500 *	75.5	290.1	7,000 *
210	100	130	67.6	292.5	8,000 *	70.6	290.3	7,400 *	73.5	285.7	6,900 *

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+0 Cwtw 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the crane rating manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
210	100	140	65.6	287.9	7,800 *	68.6	285.6	7,200 *	71.4	281.0	6,700 *
210	100	150	63.5	282.8	7,600 *	66.5	280.4	7,100 *	69.3	275.7	6,000 *
210	100	160	61.4	277.2	7,400 *	64.4	274.8	6,900 *	67.1	270.0	5,500 *
210	100	170	59.3	271.1	7,300 *	62.2	268.7	6,800 *	64.9	263.8	5,000 *
210	100	180	57.1	264.5	7,100 *	60.0	262.0	6,600 *	62.6	257.0	4,500 *
210	100	190	54.8	257.4	7,000 *	57.7	254.8	6,300 *	60.3	249.6	4,100 *
210	100	200	52.5	249.6	6,800 *	55.4	246.9	5,800 *	57.9	241.6	3,800 *
210	100	210	50.1	241.1	6,600 *	53.0	238.3	5,400 *	55.4	232.8	3,400 *
210	100	220	47.6	231.8	6,500 *	50.4	229.0	5,000 *	52.8	223.2	3,200 *
210	100	230	45.0	221.7	6,300 *	47.8	218.7	4,600 *	50.1	212.6	3,000 *
210	100	240	42.3	210.6	5,900 *	45.0	207.5	4,300 *	47.2	201.0	2,700 *
210	100	250	39.3	198.4	5,600 *	42.0	195.0	4,100 *			
210	100	260	36.2	184.7	5,300 *	38.9	181.1	3,800 *			
210	100	270	32.9	169.3	5,000 *	35.4	165.3	3,600 *			
210	100	280	29.1	151.5	4,500 *						
220	30	50	79.9	255.2	40,000 *	81.0	254.4	40,000 *			
220	30	60	77.6	253.1	40,000 *	78.7	252.3	40,000 *	79.8	250.7	40,000 *
220	30	70	75.2	250.6	40,000 *	76.4	249.8	40,000 *	77.4	248.1	40,000 *
220	30	80	72.9	247.6	40,000 *	74.0	246.8	40,000 *	75.0	245.1	40,000 *
220	30	90	70.5	244.2	40,000 *	71.6	243.3	40,000 *	72.6	241.7	39,700 *
220	30	100	68.0	240.3	40,000 *	69.1	239.4	40,000 *	70.1	237.7	37,700 *
220	30	110	65.5	235.9	35,500	66.6	235.0	35,900	67.6	233.2	35,200 *
220	30	120	63.0	230.9	31,000	64.1	230.0	31,400	65.0	228.2	31,800
220	30	130	60.4	225.4	27,300	61.5	224.5	27,600	62.4	222.6	28,000
220	30	140	57.8	219.3	24,100	58.8	218.3	24,400	59.7	216.4	24,700
220	30	150	55.0	212.5	21,500	56.1	211.5	21,700	56.9	209.5	22,000
220	30	160	52.2	204.9	19,100	53.2	203.9	19,300	54.0	201.9	19,600
220	30	170	49.2	196.6	17,100	50.2	195.5	17,300	51.0	193.4	17,500
220	30	180	46.1	187.3	15,300	47.1	186.1	15,500	47.9	183.9	15,600
220	30	190	42.8	176.9	13,800	43.8	175.7	13,900			
220	30	200	39.3	165.2	12,300	40.3	163.9	12,400			
220	30	210	35.5	151.8	11,100	36.4	150.4	11,100			
220	30	220	31.3	136.3	9,900						
220	30	230	26.6	117.8	8,900						
220	40	50	80.5	265.4	36,000 *	81.9	264.3	35,900 *			
220	40	60	78.2	263.3	36,000 *	79.7	262.3	35,700 *	81.1	260.2	34,600 *
220	40	70	76.0	260.9	36,000 *	77.4	259.9	35,400 *	78.8	257.7	34,500 *
220	40	80	73.7	258.1	36,000 *	75.2	257.0	35,100 *	76.5	254.9	34,300 *
220	40	90	71.4	254.8	35,500 *	72.9	253.7	34,800 *	74.2	251.5	32,800 *
220	40	100	69.1	251.1	33,400 *	70.5	249.9	32,100 *	71.8	247.7	31,200 *
220	40	110	66.7	246.8	31,500 *	68.1	245.7	30,400 *	69.4	243.5	29,500 *
220	40	120	64.3	242.1	29,700 *	65.7	241.0	28,700 *	67.0	238.7	26,800 *
220	40	130	61.8	236.9	27,600	63.2	235.7	27,200 *	64.4	233.4	24,500 *
220	40	140	59.3	231.1	24,500	60.7	229.9	24,900	61.9	227.5	22,100 *
220	40	150	56.7	224.6	21,800	58.1	223.4	22,200	59.2	220.9	20,400 *

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+0 Ctwrt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the crane rating manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
220	40	160	54.0	217.5	19,500	55.4	216.2	19,800	56.5	213.7	18,500 *
220	40	170	51.3	209.7	17,400	52.6	208.3	17,700	53.7	205.7	17,100 *
220	40	180	48.4	201.0	15,700	49.7	199.6	15,900	50.7	196.8	15,600 *
220	40	190	45.3	191.4	14,100	46.6	189.9	14,300	47.6	187.0	14,500
220	40	200	42.1	180.6	12,700	43.4	179.1	12,800			
220	40	210	38.7	168.6	11,400	39.9	166.9	11,500			
220	40	220	35.0	154.9	10,200	36.2	153.0	10,300			
220	40	230	30.9	139.0	9,200						
220	40	240	26.2	120.0	8,200						
220	50	50	81.0	275.5	32,000 *						
220	50	60	78.9	273.6	32,000 *	80.6	272.3	31,600 *			
220	50	70	76.7	271.2	32,000 *	78.5	269.9	31,100 *	80.1	267.4	29,200 *
220	50	80	74.5	268.5	32,000 *	76.3	267.2	30,500 *	77.9	264.6	27,600 *
220	50	90	72.3	265.3	30,500 *	74.1	264.0	29,100 *	75.6	261.4	26,000 *
220	50	100	70.1	261.8	28,600 *	71.8	260.4	27,400 *	73.4	257.8	24,600 *
220	50	110	67.8	257.7	26,800 *	69.5	256.4	25,800 *	71.1	253.7	23,400 *
220	50	120	65.5	253.2	25,200 *	67.2	251.8	24,300 *	68.7	249.1	22,000 *
220	50	130	63.2	248.2	23,700 *	64.8	246.8	22,900 *	66.3	244.0	19,800 *
220	50	140	60.7	242.7	22,300 *	62.4	241.2	21,700 *	63.9	238.4	18,000 *
220	50	150	58.3	236.6	21,000 *	59.9	235.1	20,500 *	61.4	232.2	16,400 *
220	50	160	55.7	229.8	19,800	57.4	228.3	19,200 *	58.8	225.3	15,000 *
220	50	170	53.1	222.5	17,700	54.7	220.9	17,800 *	56.1	217.8	13,700 *
220	50	180	50.4	214.3	15,900	52.0	212.7	16,200	53.3	209.4	12,600 *
220	50	190	47.6	205.3	14,300	49.2	203.6	14,600	50.4	200.2	11,500 *
220	50	200	44.6	195.4	12,900	46.2	193.6	13,200	47.4	190.0	10,600 *
220	50	210	41.5	184.3	11,700	43.0	182.4	11,800			
220	50	220	38.1	171.9	10,500	39.6	169.9	10,600			
220	50	230	34.5	157.9	9,500	35.9	155.6	9,600			
220	50	240	30.5	141.6	8,500						
220	50	250	25.9	122.2	7,600						
220	60	50	81.5	285.6	26,900 *						
220	60	60	79.4	283.7	26,700 *	81.5	282.3	26,000 *			
220	60	70	77.4	281.5	26,600 *	79.4	280.0	25,600 *	81.3	277.1	23,900 *
220	60	80	75.3	278.9	26,400 *	77.3	277.4	25,100 *	79.2	274.4	22,400 *
220	60	90	73.1	275.8	26,200 *	75.2	274.3	24,600 *	77.0	271.3	21,100 *
220	60	100	71.0	272.4	24,800 *	73.0	270.9	23,700 *	74.8	267.8	20,000 *
220	60	110	68.8	268.5	23,200 *	70.8	267.0	22,200 *	72.6	263.9	19,000 *
220	60	120	66.6	264.2	21,700 *	68.6	262.6	20,900 *	70.4	259.5	17,800 *
220	60	130	64.4	259.4	20,300 *	66.3	257.8	19,700 *	68.1	254.6	16,200 *
220	60	140	62.1	254.1	19,100 *	64.0	252.5	18,500 *	65.7	249.2	14,600 *
220	60	150	59.7	248.3	18,000 *	61.6	246.6	17,500 *	63.3	243.3	13,300 *
220	60	160	57.3	241.9	16,900 *	59.2	240.2	16,200 *	60.9	236.8	12,100 *
220	60	170	54.8	234.9	16,000 *	56.7	233.2	15,200 *	58.3	229.6	11,000 *
220	60	180	52.3	227.3	15,100 *	54.1	225.4	13,900 *	55.7	221.7	10,100 *
220	60	190	49.6	218.8	14,300 *	51.5	216.9	12,800 *	53.0	213.1	9,200 *

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+0 Cwtw 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the crane rating manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
220	60	200	46.8	209.6	13,200	48.7	207.6	11,700 *	50.1	203.5	8,400 *
220	60	210	43.9	199.3	11,900	45.7	197.2	11,000 *	47.2	193.0	7,800 *
220	60	220	40.9	188.0	10,700	42.6	185.7	10,200 *			
220	60	230	37.6	175.2	9,700	39.3	172.8	9,500 *			
220	60	240	34.0	160.8	8,700	35.7	158.2	8,900			
220	60	250	30.1	144.2	7,900						
220	60	260	25.6	124.3	7,100						
220	70	50	82.0	295.7	21,900 *						
220	70	60	80.0	293.9	21,600 *						
220	70	70	78.0	291.8	21,300 *	80.3	290.1	20,100 *			
220	70	80	76.0	289.2	21,000 *	78.2	287.5	19,700 *	80.4	284.2	18,200 *
220	70	90	73.9	286.3	20,700 *	76.2	284.6	19,300 *	78.3	281.2	17,600 *
220	70	100	71.8	283.0	20,400 *	74.1	281.3	18,900 *	76.2	277.9	16,700 *
220	70	110	69.8	279.3	20,000 *	72.0	277.5	18,500 *	74.1	274.1	15,800 *
220	70	120	67.6	275.1	18,800 *	69.9	273.4	18,100 *	71.9	269.9	14,600 *
220	70	130	65.5	270.5	17,600 *	67.7	268.7	17,000 *	69.7	265.2	13,100 *
220	70	140	63.3	265.5	16,500 *	65.5	263.7	16,000 *	67.5	260.0	11,800 *
220	70	150	61.0	259.9	15,500 *	63.2	258.1	14,900 *	65.2	254.3	10,700 *
220	70	160	58.7	253.9	14,600 *	60.9	251.9	13,700 *	62.8	248.1	9,700 *
220	70	170	56.4	247.2	13,700 *	58.5	245.2	12,600 *	60.4	241.3	8,900 *
220	70	180	54.0	239.9	12,900 *	56.1	237.9	11,400 *	57.9	233.8	8,100 *
220	70	190	51.5	232.0	12,200 *	53.6	229.9	10,600 *	55.4	225.7	7,400 *
220	70	200	48.9	223.3	11,600 *	50.9	221.1	10,000 *	52.7	216.7	6,800 *
220	70	210	46.1	213.7	11,000 *	48.2	211.4	9,200 *	49.9	206.8	6,300 *
220	70	220	43.3	203.2	10,400 *	45.3	200.8	8,500 *	46.9	195.9	5,700 *
220	70	230	40.3	191.5	9,900	42.3	188.9	7,800 *			
220	70	240	37.1	178.5	8,900	39.0	175.7	7,300 *			
220	70	250	33.6	163.7	8,100	35.4	160.7	6,900 *			
220	70	260	29.7	146.7	7,300						
220	70	270	25.3	126.4	6,500						
220	80	60	80.5	304.1	17,700 *						
220	80	70	78.5	302.0	17,400 *	81.1	300.2	16,300 *			
220	80	80	76.6	299.6	17,100 *	79.1	297.7	15,900 *	81.5	294.0	14,400 *
220	80	90	74.6	296.7	16,800 *	77.2	294.9	15,500 *	79.5	291.2	14,200 *
220	80	100	72.6	293.6	16,500 *	75.1	291.7	15,100 *	77.5	287.9	13,900 *
220	80	110	70.6	290.0	16,200 *	73.1	288.1	14,700 *	75.4	284.3	13,100 *
220	80	120	68.6	286.0	15,800 *	71.1	284.0	14,300 *	73.4	280.2	11,700 *
220	80	130	66.5	281.6	15,400 *	69.0	279.6	14,100 *	71.2	275.7	10,600 *
220	80	140	64.4	276.7	14,400 *	66.9	274.7	13,500 *	69.1	270.7	9,600 *
220	80	150	62.3	271.4	13,500 *	64.7	269.4	12,200 *	66.9	265.3	8,700 *
220	80	160	60.1	265.6	12,700 *	62.5	263.5	11,300 *	64.6	259.3	8,000 *
220	80	170	57.8	259.3	11,900 *	60.2	257.1	10,400 *	62.3	252.8	7,100 *
220	80	180	55.5	252.3	11,200 *	57.9	250.1	9,700 *	60.0	245.7	6,600 *
220	80	190	53.1	244.8	10,600 *	55.5	242.5	8,900 *	57.5	238.0	6,000 *
220	80	200	50.7	236.6	10,000 *	53.0	234.2	8,100 *	55.0	229.5	5,600 *

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+0 Cwt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the crane rating manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
220	80	210	48.1	227.6	9,500 *	50.4	225.2	7,500 *	52.4	220.2	5,000 *
220	80	220	45.5	217.8	9,000 *	47.7	215.2	7,000 *	49.6	210.0	4,700 *
220	80	230	42.7	207.0	8,600 *	44.9	204.2	6,500 *	46.7	198.8	4,300 *
220	80	240	39.7	195.0	8,100 *	41.9	192.1	6,200 *			
220	80	250	36.6	181.6	7,700 *	38.7	178.5	5,700 *			
220	80	260	33.1	166.5	7,200 *	35.2	163.1	5,400 *			
220	80	270	29.3	149.1	6,700						
220	90	60	81.0	314.2	13,800 *						
220	90	70	79.1	312.2	13,500 *	81.9	310.2	12,400 *			
220	90	80	77.2	309.9	13,200 *	80.0	307.9	12,000 *			
220	90	90	75.3	307.1	12,900 *	78.1	305.1	11,700 *	80.7	301.1	10,400 *
220	90	100	73.4	304.1	12,700 *	76.1	302.0	11,300 *	78.7	297.9	10,200 *
220	90	110	71.4	300.6	12,300 *	74.2	298.5	10,900 *	76.7	294.4	10,100 *
220	90	120	69.5	296.8	11,900 *	72.2	294.7	10,500 *	74.7	290.5	9,600 *
220	90	130	67.5	292.5	11,500 *	70.2	290.4	10,300 *	72.7	286.2	8,700 *
220	90	140	65.4	287.9	11,100 *	68.1	285.7	10,200 *	70.6	281.4	8,000 *
220	90	150	63.4	282.8	10,700 *	66.1	280.6	10,000 *	68.5	276.2	7,100 *
220	90	160	61.3	277.2	10,400 *	63.9	275.0	9,400 *	66.3	270.5	6,500 *
220	90	170	59.1	271.1	10,300 *	61.8	268.8	8,700 *	64.1	264.2	5,800 *
220	90	180	56.9	264.6	9,900 *	59.6	262.2	8,000 *	61.9	257.5	5,400 *
220	90	190	54.7	257.4	9,300 *	57.3	254.9	7,300 *	59.6	250.1	4,800 *
220	90	200	52.4	249.6	8,800 *	54.9	247.1	6,800 *	57.2	242.0	4,500 *
220	90	210	49.9	241.1	8,300 *	52.5	238.5	6,300 *	54.7	233.3	4,100 *
220	90	220	47.4	231.9	7,800 *	50.0	229.2	5,800 *	52.1	223.7	3,700 *
220	90	230	44.8	221.8	7,400 *	47.3	218.9	5,400 *	49.4	213.2	3,400 *
220	90	240	42.1	210.7	6,800 *	44.5	207.7	5,000 *	46.5	201.6	3,300 *
220	90	250	39.2	198.4	6,500 *	41.6	195.2	4,700 *			
220	90	260	36.1	184.7	6,100 *	38.4	181.3	4,300 *			
220	90	270	32.7	169.3	5,700 *						
220	90	280	29.0	151.6	5,400 *						
220	100	60	81.4	324.4	9,900 *						
220	100	70	79.6	322.4	9,600 *						
220	100	80	77.8	320.1	9,300 *	80.7	318.0	8,300 *			
220	100	90	75.9	317.5	9,000 *	78.9	315.3	8,100 *	81.7	311.0	7,400 *
220	100	100	74.1	314.5	8,800 *	77.0	312.3	8,000 *	79.8	308.0	7,300 *
220	100	110	72.2	311.2	8,500 *	75.1	309.0	7,800 *	77.9	304.6	7,200 *
220	100	120	70.3	307.5	8,300 *	73.2	305.3	7,600 *	76.0	300.8	7,000 *
220	100	130	68.4	303.4	8,100 *	71.3	301.1	7,400 *	74.0	296.6	6,900 *
220	100	140	66.4	298.9	7,900 *	69.3	296.6	7,300 *	72.0	292.0	6,500 *
220	100	150	64.4	294.0	7,700 *	67.3	291.7	7,100 *	70.0	287.0	6,000 *
220	100	160	62.4	288.7	7,500 *	65.3	286.3	7,000 *	67.9	281.5	5,300 *
220	100	170	60.4	282.9	7,300 *	63.2	280.4	6,900 *	65.8	275.5	4,800 *
220	100	180	58.3	276.6	7,200 *	61.1	274.1	6,500 *	63.6	269.0	4,400 *
220	100	190	56.1	269.7	7,000 *	58.9	267.2	6,100 *	61.4	262.0	4,000 *
220	100	200	53.9	262.3	6,900 *	56.7	259.7	5,600 *	59.1	254.4	3,700 *

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+0 Ctwrt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the crane rating manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
220	100	210	51.6	254.3	6,700 *	54.4	251.5	5,200 *	56.8	246.0	3,300 *
220	100	220	49.2	245.6	6,600 *	52.0	242.7	4,800 *	54.3	237.0	3,100 *
220	100	230	46.8	236.1	6,100 *	49.5	233.1	4,400 *	51.8	227.1	2,800 *
220	100	240	44.2	225.7	5,700 *	46.9	222.6	4,200 *	49.1	216.3	2,600 *
220	100	250	41.5	214.3	5,300 *	44.2	211.0	3,900 *	46.3	204.4	2,400 *
220	100	260	38.7	201.8	5,100 *	41.3	198.3	3,600 *			
220	100	270	35.6	187.8	4,800 *	38.2	184.0	3,400 *			
220	100	280	32.3	172.1	4,500 *						
220	100	290	28.6	154.0	4,300 *						
230	30	50	80.3	265.4	40,000 *	81.4	264.6	40,000 *			
230	30	60	78.1	263.4	40,000 *	79.1	262.6	40,000 *	80.2	260.9	40,000 *
230	30	70	75.8	261.0	40,000 *	76.9	260.1	40,000 *	77.9	258.5	40,000 *
230	30	80	73.5	258.1	40,000 *	74.6	257.3	40,000 *	75.6	255.6	40,000 *
230	30	90	71.2	254.8	40,000 *	72.3	254.0	40,000 *	73.3	252.3	40,000 *
230	30	100	68.9	251.1	40,000 *	70.0	250.2	40,000 *	70.9	248.5	37,300 *
230	30	110	66.5	246.9	35,100	67.6	246.0	35,600	68.5	244.2	32,400 *
230	30	120	64.1	242.2	30,600	65.2	241.3	31,100	66.1	239.5	29,500 *
230	30	130	61.7	236.9	26,900	62.7	236.0	27,300	63.6	234.2	27,200 *
230	30	140	59.1	231.1	23,800	60.2	230.1	24,100	61.0	228.3	24,400
230	30	150	56.5	224.7	21,100	57.5	223.7	21,400	58.4	221.8	21,600
230	30	160	53.9	217.6	18,800	54.9	216.6	19,000	55.7	214.6	19,200
230	30	170	51.1	209.7	16,800	52.1	208.7	16,900	52.9	206.6	17,200
230	30	180	48.2	201.0	15,000	49.2	200.0	15,100	49.9	197.8	15,300
230	30	190	45.2	191.4	13,400	46.1	190.3	13,500	46.8	188.0	13,700
230	30	200	41.9	180.7	12,000	42.9	179.5	12,100			
230	30	210	38.5	168.6	10,700	39.4	167.3	10,800			
230	30	220	34.8	154.9	9,600	35.7	153.5	9,600			
230	30	230	30.7	139.0	8,500						
230	30	240	26.0	120.1	7,600						
230	40	50	80.8	275.5	36,000 *						
230	40	60	78.7	273.6	36,000 *	80.1	272.5	35,700 *	81.4	270.4	34,600 *
230	40	70	76.5	271.2	36,000 *	77.9	270.2	35,400 *	79.2	268.1	34,500 *
230	40	80	74.3	268.5	36,000 *	75.7	267.4	35,100 *	77.0	265.3	34,100 *
230	40	90	72.1	265.4	34,900 *	73.5	264.3	33,500 *	74.8	262.1	32,300 *
230	40	100	69.9	261.8	32,900 *	71.3	260.7	31,600 *	72.5	258.5	30,100 *
230	40	110	67.6	257.7	31,000 *	69.0	256.6	29,900 *	70.2	254.4	27,500 *
230	40	120	65.3	253.2	29,200 *	66.7	252.1	28,200 *	67.9	249.8	25,000 *
230	40	130	63.0	248.2	27,300	64.3	247.1	26,700 *	65.5	244.7	22,900 *
230	40	140	60.6	242.7	24,100	61.9	241.5	24,600	63.1	239.1	20,600 *
230	40	150	58.1	236.6	21,400	59.4	235.4	21,800	60.5	232.9	19,000 *
230	40	160	55.6	229.9	19,100	56.9	228.6	19,400	58.0	226.1	17,200 *
230	40	170	52.9	222.5	17,100	54.2	221.2	17,400	55.3	218.6	16,000 *
230	40	180	50.2	214.3	15,300	51.5	213.0	15,500	52.5	210.3	14,500 *
230	40	190	47.4	205.4	13,700	48.7	203.9	13,900	49.7	201.1	13,400 *
230	40	200	44.4	195.4	12,300	45.7	193.9	12,400	46.6	190.9	12,400 *

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+0 Cwt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the crane rating manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
230	40	210	41.3	184.4	11,000	42.5	182.8	11,100			
230	40	220	38.0	172.0	9,900	39.1	170.3	10,000			
230	40	230	34.3	157.9	8,800	35.4	156.0	8,900			
230	40	240	30.3	141.6	7,900						
230	40	250	25.7	122.2	7,000						
230	50	50	81.3	285.6	32,000 *						
230	50	60	79.3	283.8	32,000 *	81.0	282.5	31,700 *			
230	50	70	77.2	281.5	32,000 *	78.9	280.2	31,200 *	80.5	277.7	29,300 *
230	50	80	75.1	278.9	32,000 *	76.8	277.6	30,600 *	78.3	275.0	27,900 *
230	50	90	73.0	275.9	30,100 *	74.6	274.6	28,800 *	76.2	271.9	26,300 *
230	50	100	70.8	272.4	28,200 *	72.5	271.1	27,000 *	74.0	268.5	25,000 *
230	50	110	68.6	268.6	26,500 *	70.3	267.2	25,400 *	71.8	264.5	22,600 *
230	50	120	66.4	264.2	24,900 *	68.1	262.9	24,000 *	69.6	260.1	20,800 *
230	50	130	64.2	259.5	23,400 *	65.8	258.1	22,600 *	67.3	255.3	18,700 *
230	50	140	61.9	254.2	22,000 *	63.5	252.7	21,200 *	64.9	249.9	17,000 *
230	50	150	59.5	248.4	20,800 *	61.1	246.9	19,700 *	62.5	244.0	15,400 *
230	50	160	57.1	242.0	19,400 *	58.7	240.5	17,900 *	60.1	237.5	14,100 *
230	50	170	54.7	235.0	17,400 *	56.2	233.4	16,600 *	57.6	230.3	12,900 *
230	50	180	52.1	227.3	15,600 *	53.6	225.7	15,400 *	54.9	222.5	11,800 *
230	50	190	49.4	218.9	14,000 *	51.0	217.2	14,000 *	52.2	213.9	10,800 *
230	50	200	46.7	209.6	12,600 *	48.2	207.9	12,800 *	49.4	204.4	10,100 *
230	50	210	43.8	199.4	11,300 *	45.2	197.5	11,500 *	46.4	193.8	9,200 *
230	50	220	40.7	188.0	10,100 *	42.1	186.0	10,300 *			
230	50	230	37.4	175.3	9,100 *	38.8	173.2	9,200 *			
230	50	240	33.8	160.9	8,100 *	35.2	158.5	8,200 *			
230	50	250	29.9	144.2	7,200 *						
230	50	260	25.4	124.4	6,400 *						
230	60	50	81.8	295.8	26,900 *						
230	60	60	79.8	293.9	26,800 *	81.8	292.5	26,100 *			
230	60	70	77.8	291.8	26,600 *	79.8	290.3	25,700 *	81.6	287.3	23,900 *
230	60	80	75.8	289.2	26,500 *	77.7	287.7	25,200 *	79.6	284.8	22,600 *
230	60	90	73.7	286.3	26,100 *	75.7	284.8	24,800 *	77.5	281.8	21,400 *
230	60	100	71.7	283.0	24,500 *	73.6	281.5	23,400 *	75.4	278.4	20,300 *
230	60	110	69.6	279.3	22,900 *	71.5	277.7	22,000 *	73.3	274.7	18,800 *
230	60	120	67.5	275.2	21,400 *	69.4	273.6	20,600 *	71.1	270.4	16,900 *
230	60	130	65.3	270.6	20,100 *	67.2	269.0	19,400 *	68.9	265.8	15,300 *
230	60	140	63.1	265.5	18,900 *	65.0	263.9	18,100 *	66.7	260.6	14,000 *
230	60	150	60.9	260.0	17,800 *	62.7	258.3	16,800 *	64.4	255.0	12,600 *
230	60	160	58.6	253.9	16,700 *	60.4	252.2	15,300 *	62.0	248.7	11,400 *
230	60	170	56.2	247.2	15,800 *	58.1	245.5	14,000 *	59.6	241.9	10,500 *
230	60	180	53.8	240.0	14,900 *	55.6	238.1	13,100 *	57.2	234.5	9,700 *
230	60	190	51.3	232.0	14,100 *	53.1	230.1	12,000 *	54.6	226.4	8,700 *
230	60	200	48.7	223.3	12,800 *	50.5	221.3	11,000 *	51.9	217.4	8,000 *
230	60	210	46.0	213.7	11,500 *	47.7	211.7	10,300 *	49.1	207.6	7,400 *
230	60	220	43.1	203.2	10,400 *	44.8	201.0	9,600 *	46.2	196.7	6,800 *

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+0 Cwt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the crane rating manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
230	60	230	40.1	191.5	9,300	41.8	189.2	8,900 *			
230	60	240	36.9	178.5	8,400	38.5	176.0	8,200 *			
230	60	250	33.4	163.7	7,500						
230	60	260	29.5	146.7	6,700						
230	60	270	25.1	126.5	5,900						
230	70	60	80.3	304.1	21,700 *						
230	70	70	78.4	302.0	21,400 *	80.6	300.3	20,200 *			
230	70	80	76.4	299.6	21,100 *	78.6	297.9	19,800 *	80.7	294.5	18,200 *
230	70	90	74.5	296.8	20,800 *	76.7	295.1	19,400 *	78.7	291.7	17,800 *
230	70	100	72.5	293.6	20,500 *	74.7	291.8	19,000 *	76.7	288.4	16,900 *
230	70	110	70.5	290.0	19,900 *	72.6	288.2	18,600 *	74.7	284.8	15,300 *
230	70	120	68.4	286.0	18,600 *	70.6	284.2	18,000 *	72.6	280.7	13,900 *
230	70	130	66.3	281.6	17,500 *	68.5	279.8	16,700 *	70.5	276.2	12,700 *
230	70	140	64.2	276.8	16,400 *	66.4	274.9	15,400 *	68.3	271.3	11,500 *
230	70	150	62.1	271.4	15,400 *	64.2	269.6	14,100 *	66.1	265.8	10,400 *
230	70	160	59.9	265.6	14,500 *	62.0	263.7	12,900 *	63.9	259.9	9,200 *
230	70	170	57.6	259.3	13,600 *	59.7	257.3	11,900 *	61.6	253.4	8,600 *
230	70	180	55.3	252.4	12,800 *	57.4	250.4	10,900 *	59.2	246.3	7,700 *
230	70	190	53.0	244.8	12,100 *	55.0	242.8	10,100 *	56.8	238.6	7,100 *
230	70	200	50.5	236.6	11,500 *	52.5	234.5	9,300 *	54.3	230.1	6,400 *
230	70	210	48.0	227.6	10,900 *	50.0	225.4	8,500 *	51.6	220.9	6,000 *
230	70	220	45.3	217.8	10,200 *	47.3	215.5	8,000 *	48.9	210.7	5,500 *
230	70	230	42.5	207.0	9,500	44.5	204.5	7,400 *	46.0	199.5	5,100 *
230	70	240	39.6	195.0	8,600	41.5	192.4	6,900 *			
230	70	250	36.4	181.7	7,700	38.3	178.8	6,400 *			
230	70	260	33.0	166.6	6,900						
230	70	270	29.2	149.2	6,100						
230	80	60	80.8	314.3	17,800 *						
230	80	70	78.9	312.2	17,500 *	81.4	310.4	16,300 *			
230	80	80	77.0	309.9	17,200 *	79.5	308.0	15,900 *	81.8	304.3	14,400 *
230	80	90	75.1	307.2	16,900 *	77.6	305.3	15,600 *	79.9	301.5	14,200 *
230	80	100	73.2	304.1	16,600 *	75.6	302.2	15,200 *	77.9	298.4	14,000 *
230	80	110	71.3	300.6	16,300 *	73.7	298.7	14,800 *	75.9	294.9	12,700 *
230	80	120	69.3	296.8	15,900 *	71.7	294.8	14,400 *	73.9	291.0	11,400 *
230	80	130	67.3	292.6	15,300 *	69.7	290.6	14,100 *	71.9	286.6	10,200 *
230	80	140	65.3	287.9	14,300 *	67.7	285.9	12,900 *	69.8	281.9	9,300 *
230	80	150	63.2	282.8	13,400 *	65.6	280.7	11,900 *	67.7	276.7	8,400 *
230	80	160	61.1	277.2	12,600 *	63.5	275.1	10,800 *	65.6	271.0	7,700 *
230	80	170	59.0	271.2	11,900 *	61.3	269.0	9,900 *	63.4	264.8	6,900 *
230	80	180	56.8	264.6	11,200 *	59.1	262.4	9,200 *	61.1	258.0	6,300 *
230	80	190	54.5	257.4	10,500 *	56.8	255.1	8,500 *	58.8	250.6	5,800 *
230	80	200	52.2	249.6	10,000 *	54.5	247.3	7,800 *	56.4	242.6	5,300 *
230	80	210	49.8	241.1	9,400 *	52.0	238.7	7,100 *	53.9	233.9	4,900 *
230	80	220	47.3	231.9	8,800 *	49.5	229.4	6,600 *	51.4	224.3	4,500 *
230	80	230	44.7	221.8	8,100 *	46.9	219.2	6,200 *	48.6	213.9	4,100 *

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+0 Ctwrt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the crane rating manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
230	80	240	41.9	210.7	7,600 *	44.1	207.9	5,800 *	45.8	202.3	3,800 *
230	80	250	39.0	198.4	7,100 *	41.1	195.5	5,300 *			
230	80	260	35.9	184.8	6,700 *	38.0	181.6	5,000 *			
230	80	270	32.6	169.4	6,300						
230	80	280	28.8	151.6	5,600						
230	90	60	81.2	324.4	13,800 *						
230	90	70	79.4	322.5	13,600 *						
230	90	80	77.6	320.2	13,300 *	80.3	318.1	12,100 *			
230	90	90	75.8	317.5	13,000 *	78.4	315.5	11,700 *	81.0	311.4	10,400 *
230	90	100	73.9	314.6	12,700 *	76.6	312.5	11,400 *	79.1	308.4	10,300 *
230	90	110	72.0	311.2	12,500 *	74.7	309.1	11,000 *	77.2	305.0	10,100 *
230	90	120	70.1	307.5	12,100 *	72.8	305.4	10,600 *	75.2	301.2	9,400 *
230	90	130	68.2	303.4	11,700 *	70.8	301.3	10,400 *	73.3	297.0	8,500 *
230	90	140	66.3	299.0	11,300 *	68.9	296.8	10,200 *	71.3	292.4	7,600 *
230	90	150	64.3	294.1	10,900 *	66.9	291.8	9,900 *	69.2	287.4	7,000 *
230	90	160	62.3	288.7	10,500 *	64.8	286.5	9,000 *	67.2	281.9	6,200 *
230	90	170	60.2	282.9	10,300 *	62.8	280.6	8,200 *	65.1	276.0	5,700 *
230	90	180	58.1	276.6	9,800 *	60.6	274.2	7,700 *	62.9	269.5	5,100 *
230	90	190	56.0	269.8	9,100 *	58.5	267.3	7,000 *	60.7	262.5	4,700 *
230	90	200	53.7	262.3	8,600 *	56.2	259.8	6,400 *	58.4	254.9	4,300 *
230	90	210	51.5	254.3	7,900 *	53.9	251.7	6,000 *	56.1	246.6	3,900 *
230	90	220	49.1	245.6	7,500 *	51.5	242.9	5,600 *	53.6	237.5	3,600 *
230	90	230	46.6	236.1	6,900 *	49.1	233.3	5,200 *	51.1	227.7	3,300 *
230	90	240	44.1	225.7	6,600 *	46.5	222.8	4,800 *	48.4	216.9	3,000 *
230	90	250	41.4	214.3	6,000 *	43.7	211.3	4,500 *	45.6	205.0	2,900 *
230	90	260	38.5	201.8	5,700 *	40.8	198.5	4,100 *			
230	90	270	35.5	187.8	5,400 *	37.7	184.3	3,900 *			
230	90	280	32.2	172.1	5,000 *						
230	90	290	28.5	154.0	4,800 *						
230	100	60	81.7	334.5	9,900 *						
230	100	70	79.9	332.6	9,600 *						
230	100	80	78.1	330.4	9,400 *	81.0	328.2	8,400 *			
230	100	90	76.3	327.9	9,100 *	79.2	325.7	8,200 *	82.0	321.3	7,400 *
230	100	100	74.6	325.0	8,800 *	77.4	322.8	8,000 *	80.2	318.4	7,300 *
230	100	110	72.7	321.8	8,600 *	75.6	319.5	7,800 *	78.3	315.1	7,200 *
230	100	120	70.9	318.2	8,300 *	73.8	315.9	7,600 *	76.4	311.4	7,100 *
230	100	130	69.1	314.3	8,200 *	71.9	312.0	7,400 *	74.5	307.4	6,900 *
230	100	140	67.2	309.9	8,000 *	70.0	307.6	7,300 *	72.6	303.0	6,400 *
230	100	150	65.3	305.2	7,800 *	68.1	302.9	7,200 *	70.7	298.1	5,700 *
230	100	160	63.3	300.1	7,600 *	66.1	297.7	7,000 *	68.7	292.9	5,200 *
230	100	170	61.4	294.5	7,400 *	64.1	292.0	6,900 *	66.7	287.1	4,700 *
230	100	180	59.3	288.5	7,300 *	62.1	285.9	6,400 *	64.6	280.9	4,200 *
230	100	190	57.3	281.9	7,100 *	60.0	279.3	5,800 *	62.5	274.2	3,900 *
230	100	200	55.2	274.8	7,000 *	57.9	272.2	5,400 *	60.3	266.9	3,500 *
230	100	210	53.0	267.2	6,700 *	55.7	264.5	4,900 *	58.0	259.0	3,200 *

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+0 Cwtw 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the crane rating manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
230	100	220	50.7	258.9	6,200 *	53.4	256.1	4,500 *	55.7	250.5	3,000 *
230	100	230	48.4	249.9	5,900 *	51.1	247.0	4,300 *	53.3	241.2	2,700 *
230	100	240	46.0	240.2	5,500 *	48.6	237.1	4,000 *	50.8	231.0	2,500 *
230	100	250	43.5	229.5	5,000 *	46.1	226.4	3,700 *	48.2	219.9	2,300 *
230	100	260	40.9	217.9	4,800 *	43.4	214.5	3,500 *	45.4	207.7	2,200 *
230	100	270	38.1	205.1	4,500 *	40.5	201.5	3,200 *			
230	100	280	35.0	190.8	4,200 *	37.5	187.0	3,100 *			
230	100	290	31.8	174.8	4,100 *						
230	100	300	28.2	156.3	3,800 *						
240	30	50	80.6	275.5	40,000 *	81.7	274.7	40,000 *			
240	30	60	78.5	273.6	40,000 *	79.6	272.8	40,000 *	80.5	271.1	40,000 *
240	30	70	76.3	271.3	40,000 *	77.4	270.4	40,000 *	78.4	268.8	40,000 *
240	30	80	74.2	268.5	40,000 *	75.2	267.7	40,000 *	76.2	266.0	40,000 *
240	30	90	72.0	265.4	40,000 *	73.0	264.5	40,000 *	73.9	262.8	36,000 *
240	30	100	69.7	261.8	39,800	70.7	260.9	35,800 *	71.7	259.2	32,700 *
240	30	110	67.5	257.8	34,800	68.5	256.9	33,100 *	69.4	255.2	29,800 *
240	30	120	65.1	253.3	30,300	66.2	252.4	30,200 *	67.0	250.6	27,200 *
240	30	130	62.8	248.3	26,600	63.8	247.4	27,000	64.7	245.5	25,100 *
240	30	140	60.4	242.7	23,400	61.4	241.8	23,800	62.2	239.9	22,900 *
240	30	150	57.9	236.6	20,700	58.9	235.7	21,000	59.7	233.8	21,000 *
240	30	160	55.4	229.9	18,400	56.4	228.9	18,700	57.2	227.0	18,900
240	30	170	52.8	222.5	16,400	53.7	221.5	16,600	54.5	219.5	16,800
240	30	180	50.1	214.4	14,600	51.0	213.3	14,800	51.8	211.2	15,000
240	30	190	47.2	205.4	13,000	48.2	204.3	13,200	48.9	202.1	13,300
240	30	200	44.3	195.5	11,600	45.2	194.3	11,700	45.9	192.0	11,900
240	30	210	41.1	184.4	10,300	42.0	183.2	10,400			
240	30	220	37.8	172.0	9,200	38.6	170.7	9,200			
240	30	230	34.1	158.0	8,100						
240	30	240	30.1	141.7	7,200						
240	30	250	25.5	122.3	6,300						
240	40	50	81.2	285.7	36,000 *						
240	40	60	79.1	283.8	36,000 *	80.5	282.7	35,700 *	81.7	280.6	34,600 *
240	40	70	77.0	281.6	36,000 *	78.4	280.5	35,500 *	79.6	278.4	34,500 *
240	40	80	74.9	278.9	36,000 *	76.3	277.8	34,800 *	77.5	275.7	33,500 *
240	40	90	72.8	275.9	34,200 *	74.1	274.8	32,800 *	75.4	272.6	31,100 *
240	40	100	70.6	272.5	32,200 *	72.0	271.3	31,000 *	73.2	269.1	28,200 *
240	40	110	68.5	268.6	30,400 *	69.8	267.5	29,300 *	71.0	265.2	25,600 *
240	40	120	66.3	264.3	28,700 *	67.6	263.1	27,000 *	68.7	260.9	23,200 *
240	40	130	64.0	259.5	26,900	65.3	258.3	24,800 *	66.5	256.0	21,300 *
240	40	140	61.7	254.2	23,800	63.0	253.0	22,700 *	64.1	250.6	19,200 *
240	40	150	59.4	248.4	21,100	60.6	247.2	20,800 *	61.7	244.7	17,700 *
240	40	160	57.0	242.0	18,700	58.2	240.7	19,100	59.3	238.3	16,000 *
240	40	170	54.5	235.0	16,700	55.7	233.7	17,000	56.8	231.1	14,800 *
240	40	180	51.9	227.3	14,900	53.2	226.0	15,200	54.2	223.3	13,500 *
240	40	190	49.3	218.9	13,300	50.5	217.5	13,600	51.5	214.7	12,500 *

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+0 Cwt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the crane rating manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
240	40	200	46.5	209.6	11,900	47.7	208.2	12,100	48.6	205.3	11,500 *
240	40	210	43.6	199.4	10,600	44.8	197.9	10,800	45.7	194.8	10,600 *
240	40	220	40.5	188.0	9,500	41.7	186.4	9,600			
240	40	230	37.2	175.3	8,400	38.4	173.6	8,500			
240	40	240	33.7	160.9	7,500						
240	40	250	29.7	144.3	6,600						
240	40	260	25.2	124.4	5,800						
240	50	50	81.6	295.8	32,000 *						
240	50	60	79.6	294.0	32,000 *	81.3	292.7	31,800 *			
240	50	70	77.6	291.8	32,000 *	79.3	290.5	31,300 *	80.8	288.0	29,300 *
240	50	80	75.6	289.3	31,600 *	77.2	288.0	30,100 *	78.8	285.4	28,200 *
240	50	90	73.6	286.4	29,600 *	75.2	285.0	28,300 *	76.7	282.4	26,400 *
240	50	100	71.5	283.0	27,800 *	73.1	281.7	26,600 *	74.6	279.1	23,900 *
240	50	110	69.4	279.3	26,100 *	71.0	278.0	25,000 *	72.5	275.3	21,600 *
240	50	120	67.3	275.2	24,500 *	68.9	273.8	23,600 *	70.3	271.1	19,500 *
240	50	130	65.1	270.6	23,000 *	66.7	269.2	21,700 *	68.1	266.4	17,600 *
240	50	140	62.9	265.5	21,700 *	64.5	264.1	19,900 *	65.9	261.3	15,900 *
240	50	150	60.7	260.0	20,500 *	62.2	258.5	18,200 *	63.6	255.6	14,500 *
240	50	160	58.4	253.9	19,000	59.9	252.4	16,700 *	61.3	249.4	13,200 *
240	50	170	56.0	247.3	17,000	57.6	245.7	15,400 *	58.9	242.7	12,100 *
240	50	180	53.6	240.0	15,200	55.1	238.4	14,000 *	56.4	235.3	11,000 *
240	50	190	51.1	232.0	13,600	52.6	230.4	13,000 *	53.8	227.1	10,100 *
240	50	200	48.5	223.3	12,200	50.0	221.6	12,000 *	51.2	218.2	9,400 *
240	50	210	45.8	213.8	10,900	47.3	212.0	11,100	48.4	208.4	8,600 *
240	50	220	43.0	203.2	9,700	44.4	201.4	9,900	45.5	197.6	8,000 *
240	50	230	39.9	191.6	8,700	41.3	189.6	8,900			
240	50	240	36.7	178.5	7,700	38.1	176.4	7,900			
240	50	250	33.2	163.8	6,900						
240	50	260	29.4	146.8	6,100						
240	60	60	80.2	304.1	26,800 *						
240	60	70	78.2	302.0	26,600 *	80.1	300.5	25,700 *	81.9	297.6	23,900 *
240	60	80	76.3	299.6	26,500 *	78.2	298.1	25,300 *	79.9	295.1	22,800 *
240	60	90	74.3	296.8	25,800 *	76.2	295.3	24,600 *	77.9	292.2	21,600 *
240	60	100	72.3	293.6	24,100 *	74.2	292.1	23,100 *	75.9	289.0	19,800 *
240	60	110	70.3	290.0	22,600 *	72.2	288.5	21,700 *	73.9	285.4	18,000 *
240	60	120	68.3	286.0	21,100 *	70.1	284.4	20,400 *	71.8	281.3	16,200 *
240	60	130	66.2	281.6	19,900 *	68.0	280.0	18,800 *	69.7	276.8	14,700 *
240	60	140	64.1	276.8	18,600 *	65.9	275.1	17,000 *	67.5	271.9	13,200 *
240	60	150	61.9	271.5	17,500 *	63.7	269.8	15,700 *	65.3	266.5	11,900 *
240	60	160	59.7	265.6	16,500 *	61.5	263.9	14,400 *	63.1	260.5	10,900 *
240	60	170	57.5	259.3	15,600 *	59.3	257.6	13,200 *	60.8	254.1	10,000 *
240	60	180	55.2	252.4	14,700 *	56.9	250.6	12,000 *	58.5	247.0	9,100 *
240	60	190	52.8	244.9	13,400 *	54.6	243.0	11,200 *	56.0	239.3	8,200 *
240	60	200	50.4	236.6	12,400	52.1	234.7	10,300 *	53.5	230.9	7,600 *
240	60	210	47.8	227.7	11,100	49.5	225.7	9,600 *	50.9	221.7	7,000 *

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+0 Ctw 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the crane rating manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
240	60	220	45.1	217.8	10,000	46.8	215.7	8,900 *	48.2	211.5	6,400 *
240	60	230	42.4	207.0	8,900	44.0	204.8	8,300 *	45.3	200.4	6,000 *
240	60	240	39.4	195.1	8,000	41.0	192.7	7,600 *			
240	60	250	36.2	181.7	7,100	37.8	179.2	7,100 *			
240	60	260	32.8	166.6	6,300						
240	60	270	29.0	149.2	5,500						
240	70	60	80.6	314.3	21,700 *						
240	70	70	78.8	312.3	21,500 *	80.9	310.6	20,200 *			
240	70	80	76.9	309.9	21,200 *	79.0	308.2	19,900 *	81.0	304.8	18,300 *
240	70	90	75.0	307.2	20,900 *	77.1	305.5	19,500 *	79.1	302.1	18,000 *
240	70	100	73.1	304.1	20,600 *	75.2	302.4	19,100 *	77.2	298.9	16,600 *
240	70	110	71.1	300.7	19,700 *	73.2	298.9	18,700 *	75.2	295.4	14,900 *
240	70	120	69.1	296.8	18,400 *	71.2	295.0	17,500 *	73.2	291.5	13,200 *
240	70	130	67.2	292.6	17,300 *	69.2	290.8	15,800 *	71.1	287.2	12,100 *
240	70	140	65.1	287.9	16,200 *	67.2	286.1	14,600 *	69.1	282.4	10,900 *
240	70	150	63.1	282.8	15,200 *	65.1	280.9	13,300 *	67.0	277.2	9,800 *
240	70	160	61.0	277.3	14,300 *	63.0	275.3	12,200 *	64.8	271.5	8,900 *
240	70	170	58.8	271.2	13,500 *	60.9	269.2	11,200 *	62.6	265.3	8,100 *
240	70	180	56.6	264.6	12,700 *	58.6	262.6	10,300 *	60.4	258.6	7,400 *
240	70	190	54.4	257.4	11,800 *	56.4	255.4	9,600 *	58.1	251.3	6,700 *
240	70	200	52.0	249.6	11,000 *	54.0	247.5	8,800 *	55.7	243.3	6,200 *
240	70	210	49.6	241.2	10,200 *	51.6	239.0	8,100 *	53.2	234.5	5,600 *
240	70	220	47.1	231.9	9,500 *	49.1	229.6	7,400 *	50.6	225.0	5,200 *
240	70	230	44.5	221.8	8,800 *	46.4	219.4	7,000 *	47.9	214.6	4,800 *
240	70	240	41.8	210.7	8,200	43.7	208.2	6,500 *	45.1	203.1	4,400 *
240	70	250	38.9	198.5	7,300	40.7	195.8	6,000 *			
240	70	260	35.8	184.8	6,500	37.6	181.9	5,600 *			
240	70	270	32.4	169.4	5,800						
240	70	280	28.7	151.6	5,100						
240	80	60	81.1	324.4	17,800 *						
240	80	70	79.3	322.5	17,500 *	81.7	320.6	16,400 *			
240	80	80	77.4	320.2	17,300 *	79.8	318.3	16,000 *			
240	80	90	75.6	317.6	17,000 *	78.0	315.7	15,600 *	80.2	311.9	14,200 *
240	80	100	73.7	314.6	16,700 *	76.1	312.7	15,300 *	78.3	308.9	13,600 *
240	80	110	71.9	311.3	16,400 *	74.2	309.3	14,900 *	76.4	305.5	12,300 *
240	80	120	70.0	307.6	16,000 *	72.3	305.6	14,500 *	74.5	301.7	11,000 *
240	80	130	68.1	303.5	15,100 *	70.4	301.5	13,500 *	72.5	297.5	9,900 *
240	80	140	66.1	299.0	14,200 *	68.4	297.0	12,300 *	70.5	292.9	8,900 *
240	80	150	64.1	294.1	13,300 *	66.4	292.0	11,300 *	68.5	287.9	8,100 *
240	80	160	62.1	288.7	12,500 *	64.4	286.6	10,300 *	66.4	282.5	7,400 *
240	80	170	60.1	282.9	11,700 *	62.3	280.8	9,500 *	64.3	276.5	6,600 *
240	80	180	58.0	276.6	11,000 *	60.2	274.4	8,700 *	62.2	270.1	6,000 *
240	80	190	55.8	269.8	10,300 *	58.0	267.5	8,100 *	60.0	263.0	5,500 *
240	80	200	53.6	262.4	9,500 *	55.8	260.1	7,400 *	57.7	255.4	5,000 *
240	80	210	51.3	254.3	8,900 *	53.5	251.9	6,800 *	55.4	247.2	4,600 *

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+0 Cwt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the crane rating manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
240	80	220	48.9	245.6	8,200 *	51.1	243.1	6,400 *	52.9	238.2	4,200 *
240	80	230	46.5	236.1	7,600 *	48.6	233.5	5,900 *	50.4	228.3	3,900 *
240	80	240	43.9	225.7	7,100 *	46.0	223.0	5,400 *	47.7	217.6	3,600 *
240	80	250	41.2	214.4	6,700 *	43.3	211.5	5,100 *			
240	80	260	38.4	201.8	6,200 *	40.4	198.8	4,700 *			
240	80	270	35.3	187.9	5,900	37.3	184.6	4,400 *			
240	80	280	32.0	172.1	5,300						
240	80	290	28.3	154.0	4,600						
240	90	60	81.5	334.6	13,900 *						
240	90	70	79.7	332.7	13,600 *						
240	90	80	78.0	330.5	13,300 *	80.6	328.4	12,200 *			
240	90	90	76.2	327.9	13,100 *	78.8	325.8	11,800 *	81.3	321.7	10,400 *
240	90	100	74.4	325.0	12,800 *	77.0	322.9	11,400 *	79.4	318.8	10,300 *
240	90	110	72.6	321.8	12,500 *	75.2	319.7	11,100 *	77.6	315.5	10,100 *
240	90	120	70.8	318.2	12,200 *	73.3	316.1	10,700 *	75.7	311.9	9,200 *
240	90	130	68.9	314.3	11,800 *	71.5	312.1	10,400 *	73.8	307.8	8,300 *
240	90	140	67.0	310.0	11,500 *	69.6	307.8	10,300 *	71.9	303.4	7,400 *
240	90	150	65.1	305.2	11,100 *	67.6	303.0	9,600 *	69.9	298.6	6,700 *
240	90	160	63.2	300.1	10,700 *	65.7	297.8	8,700 *	68.0	293.3	6,100 *
240	90	170	61.2	294.5	10,200 *	63.7	292.2	7,900 *	65.9	287.6	5,400 *
240	90	180	59.2	288.5	9,500 *	61.7	286.1	7,200 *	63.9	281.4	5,000 *
240	90	190	57.1	281.9	8,800 *	59.6	279.5	6,700 *	61.8	274.7	4,500 *
240	90	200	55.0	274.9	8,100 *	57.5	272.4	6,100 *	59.6	267.4	4,100 *
240	90	210	52.8	267.2	7,500 *	55.3	264.7	5,700 *	57.3	259.5	3,800 *
240	90	220	50.6	258.9	7,100 *	53.0	256.3	5,200 *	55.0	251.0	3,500 *
240	90	230	48.3	249.9	6,500 *	50.7	247.2	4,800 *	52.6	241.7	3,200 *
240	90	240	45.9	240.2	6,100 *	48.2	237.3	4,500 *	50.1	231.6	2,900 *
240	90	250	43.4	229.6	5,700 *	45.7	226.6	4,200 *	47.5	220.6	2,700 *
240	90	260	40.7	217.9	5,400 *	43.0	214.8	3,900 *			
240	90	270	37.9	205.1	5,100 *	40.1	201.8	3,700 *			
240	90	280	34.9	190.9	4,700 *	37.1	187.2	3,400 *			
240	90	290	31.6	174.8	4,500 *						
240	90	300	28.0	156.4	4,200						
240	100	60	81.9	344.7	9,900 *						
240	100	70	80.2	342.8	9,700 *						
240	100	80	78.5	340.7	9,400 *	81.3	338.5	8,400 *			
240	100	90	76.8	338.2	9,200 *	79.6	336.0	8,200 *			
240	100	100	75.0	335.5	8,900 *	77.8	333.2	8,000 *	80.5	328.7	7,300 *
240	100	110	73.3	332.3	8,600 *	76.1	330.1	7,900 *	78.7	325.6	7,200 *
240	100	120	71.5	328.9	8,400 *	74.3	326.6	7,700 *	76.9	322.0	7,100 *
240	100	130	69.7	325.1	8,200 *	72.5	322.7	7,500 *	75.0	318.1	6,900 *
240	100	140	67.9	320.9	8,000 *	70.6	318.5	7,400 *	73.2	313.9	6,100 *
240	100	150	66.0	316.3	7,900 *	68.8	313.9	7,200 *	71.3	309.2	5,600 *
240	100	160	64.2	311.4	7,700 *	66.9	309.0	7,100 *	69.4	304.1	5,000 *
240	100	170	62.3	306.0	7,500 *	65.0	303.5	6,600 *	67.4	298.6	4,600 *

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+0 Cwt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the crane rating manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
240	100	180	60.3	300.2	7,300 *	63.0	297.7	6,100 *	65.4	292.7	4,100 *
240	100	190	58.4	293.9	7,200 *	61.0	291.4	5,600 *	63.4	286.2	3,700 *
240	100	200	56.3	287.2	6,900 *	59.0	284.5	5,200 *	61.3	279.3	3,400 *
240	100	210	54.3	279.8	6,400 *	56.9	277.1	4,800 *	59.2	271.7	3,100 *
240	100	220	52.1	272.0	5,900 *	54.7	269.2	4,400 *	57.0	263.6	2,800 *
240	100	230	49.9	263.4	5,500 *	52.5	260.6	4,100 *	54.7	254.8	2,600 *
240	100	240	47.7	254.2	5,200 *	50.2	251.2	3,800 *	52.4	245.2	2,300 *
240	100	250	45.3	244.2	4,800 *	47.8	241.1	3,500 *	49.9	234.8	2,200 *
240	100	260	42.8	233.3	4,500 *	45.3	230.1	3,300 *	47.3	223.5	2,000 *
240	100	270	40.2	221.5	4,200 *	42.7	218.0	3,000 *			
240	100	280	37.5	208.4	4,000 *	39.9	204.7	2,900 *			
240	100	290	34.5	193.8	3,700 *	36.8	189.8	2,700 *			
240	100	300	31.3	177.5	3,600 *						
240	100	310	27.7	158.7	3,400 *						
250	30	50	81.0	285.7	40,000 *						
250	30	60	78.9	283.8	40,000 *	79.9	283.0	40,000 *	80.9	281.4	40,000 *
250	30	70	76.8	281.6	40,000 *	77.8	280.7	40,000 *	78.8	279.1	40,000 *
250	30	80	74.7	279.0	40,000 *	75.7	278.1	40,000 *	76.7	276.4	38,800 *
250	30	90	72.6	275.9	40,000 *	73.6	275.1	38,800 *	74.5	273.4	33,500 *
250	30	100	70.5	272.5	37,500 *	71.5	271.6	33,600 *	72.4	269.9	30,500 *
250	30	110	68.3	268.6	32,800 *	69.3	267.7	31,100 *	70.2	266.0	28,200 *
250	30	120	66.1	264.3	29,900	67.1	263.4	28,500 *	67.9	261.6	25,400 *
250	30	130	63.8	259.5	26,200	64.8	258.6	26,200 *	65.7	256.8	23,600 *
250	30	140	61.5	254.2	23,000	62.5	253.3	23,400	63.3	251.5	21,500 *
250	30	150	59.2	248.4	20,300	60.1	247.5	20,700	61.0	245.6	20,000 *
250	30	160	56.8	242.0	18,000	57.7	241.1	18,300	58.5	239.1	18,300 *
250	30	170	54.3	235.0	15,900	55.2	234.0	16,200	56.0	232.0	16,500
250	30	180	51.7	227.4	14,200	52.7	226.3	14,400	53.4	224.2	14,600
250	30	190	49.1	218.9	12,600	50.0	217.9	12,800	50.7	215.7	13,000
250	30	200	46.3	209.7	11,100	47.2	208.5	11,400	47.9	206.3	11,500
250	30	210	43.4	199.4	9,900	44.3	198.2	10,000			
250	30	220	40.4	188.1	8,700	41.2	186.8	8,900			
250	30	230	37.1	175.4	7,700	37.9	174.0	7,800			
250	30	240	33.5	161.0	6,700						
250	30	250	29.6	144.3	5,800						
250	30	260	25.1	124.5	5,000						
250	40	50	81.5	295.8	36,000 *						
250	40	60	79.5	294.0	36,000 *	80.8	292.9	35,800 *			
250	40	70	77.5	291.8	36,000 *	78.8	290.8	35,500 *	80.0	288.6	34,500 *
250	40	80	75.4	289.3	36,000 *	76.7	288.2	34,100 *	77.9	286.1	32,000 *
250	40	90	73.4	286.4	33,600 *	74.7	285.3	32,100 *	75.9	283.1	29,000 *
250	40	100	71.3	283.1	31,700 *	72.6	282.0	30,100 *	73.8	279.8	26,400 *
250	40	110	69.2	279.4	29,900 *	70.5	278.2	27,600 *	71.7	276.0	24,100 *
250	40	120	67.1	275.2	27,800 *	68.4	274.1	25,500 *	69.5	271.8	22,000 *
250	40	130	65.0	270.6	25,700 *	66.2	269.5	23,200 *	67.3	267.2	19,900 *

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+0 Ctwrt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the crane rating manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
250	40	140	62.8	265.6	23,300	64.0	264.4	21,200 *	65.1	262.0	18,100 *
250	40	150	60.5	260.0	20,600	61.8	258.8	19,800 *	62.8	256.4	16,700 *
250	40	160	58.2	253.9	18,300	59.5	252.7	18,100 *	60.5	250.2	15,100 *
250	40	170	55.9	247.3	16,300	57.1	246.0	16,700	58.1	243.5	14,000 *
250	40	180	53.5	240.0	14,500	54.7	238.7	14,800	55.7	236.1	12,900 *
250	40	190	51.0	232.1	12,900	52.1	230.7	13,200	53.1	228.0	11,900 *
250	40	200	48.4	223.4	11,400	49.5	221.9	11,700	50.5	219.1	11,000 *
250	40	210	45.6	213.8	10,200	46.8	212.3	10,400	47.7	209.4	10,300 *
250	40	220	42.8	203.3	9,000	43.9	201.7	9,200			
250	40	230	39.8	191.6	8,000	40.9	190.0	8,200			
250	40	240	36.6	178.6	7,000	37.6	176.8	7,200			
250	40	250	33.1	163.8	6,100						
250	40	260	29.2	146.8	5,300						
250	50	50	81.9	305.9	32,000 *						
250	50	60	80.0	304.2	32,000 *	81.6	302.9	31,800 *			
250	50	70	78.1	302.1	32,000 *	79.6	300.8	31,400 *	81.1	298.2	29,400 *
250	50	80	76.1	299.6	31,000 *	77.7	298.3	29,600 *	79.1	295.7	27,600 *
250	50	90	74.1	296.8	29,100 *	75.7	295.5	27,800 *	77.1	292.9	24,900 *
250	50	100	72.1	293.6	27,300 *	73.7	292.3	26,200 *	75.1	289.6	22,400 *
250	50	110	70.1	290.0	25,600 *	71.7	288.7	24,300 *	73.1	286.0	20,500 *
250	50	120	68.1	286.1	24,100 *	69.6	284.7	22,400 *	71.0	282.0	18,300 *
250	50	130	66.0	281.7	22,700 *	67.5	280.3	20,500 *	68.9	277.5	16,700 *
250	50	140	63.9	276.8	21,400 *	65.4	275.4	18,900 *	66.8	272.6	15,100 *
250	50	150	61.8	271.5	19,600 *	63.3	270.0	17,000 *	64.6	267.2	13,900 *
250	50	160	59.6	265.7	18,000 *	61.1	264.2	15,800 *	62.4	261.2	12,700 *
250	50	170	57.3	259.3	16,600	58.8	257.8	14,600 *	60.1	254.8	11,500 *
250	50	180	55.0	252.4	14,800	56.5	250.9	13,500 *	57.7	247.8	10,500 *
250	50	190	52.6	244.9	13,200	54.1	243.3	12,500 *	55.3	240.1	9,600 *
250	50	200	50.2	236.7	11,700	51.6	235.0	11,500 *	52.8	231.7	9,000 *
250	50	210	47.6	227.7	10,400	49.1	226.0	10,800	50.2	222.5	8,300 *
250	50	220	45.0	217.9	9,300	46.4	216.0	9,600	47.5	212.4	7,600 *
250	50	230	42.2	207.1	8,200	43.6	205.1	8,500			
250	50	240	39.2	195.1	7,300	40.6	193.1	7,500			
250	50	250	36.1	181.7	6,400	37.4	179.5	6,600			
250	50	260	32.6	166.7	5,600						
250	50	270	28.8	149.3	4,800						
250	60	60	80.5	314.3	26,800 *						
250	60	70	78.6	312.3	26,700 *	80.4	310.8	25,800 *			
250	60	80	76.7	309.9	26,500 *	78.5	308.4	25,400 *	80.3	305.4	23,100 *
250	60	90	74.8	307.2	25,400 *	76.6	305.7	24,300 *	78.3	302.6	21,100 *
250	60	100	72.9	304.1	23,800 *	74.7	302.6	22,800 *	76.4	299.5	19,000 *
250	60	110	71.0	300.7	22,300 *	72.8	299.1	21,200 *	74.4	296.0	17,000 *
250	60	120	69.0	296.8	20,900 *	70.8	295.3	19,400 *	72.4	292.1	15,500 *
250	60	130	67.0	292.6	19,600 *	68.8	291.0	17,700 *	70.4	287.8	13,800 *
250	60	140	65.0	287.9	18,400 *	66.7	286.3	16,200 *	68.3	283.1	12,600 *

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+0 Ctwrt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the crane rating manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
250	60	150	62.9	282.8	17,300 *	64.7	281.2	14,900 *	66.2	277.9	11,300 *
250	60	160	60.8	277.3	16,100 *	62.6	275.6	13,500 *	64.1	272.2	10,400 *
250	60	170	58.7	271.2	14,900 *	60.4	269.5	12,600 *	61.9	266.0	9,500 *
250	60	180	56.5	264.6	13,800 *	58.2	262.8	11,500 *	59.7	259.3	8,600 *
250	60	190	54.2	257.5	13,000 *	55.9	255.6	10,700 *	57.4	252.0	7,900 *
250	60	200	51.9	249.7	12,000	53.6	247.8	9,800 *	55.0	244.0	7,300 *
250	60	210	49.5	241.2	10,700	51.1	239.2	9,100 *	52.5	235.3	6,800 *
250	60	220	47.0	232.0	9,500	48.6	229.9	8,400 *	49.9	225.8	6,200 *
250	60	230	44.4	221.9	8,500	46.0	219.7	7,900 *	47.3	215.4	5,800 *
250	60	240	41.6	210.8	7,500	43.2	208.5	7,300 *			
250	60	250	38.7	198.5	6,600	40.3	196.1	6,900			
250	60	260	35.6	184.8	5,800	37.1	182.2	6,100			
250	60	270	32.2	169.4	5,100						
250	60	280	28.5	151.7	4,400						
250	70	60	80.9	324.4	21,800 *						
250	70	70	79.1	322.5	21,500 *	81.2	320.8	20,300 *			
250	70	80	77.3	320.2	21,200 *	79.4	318.5	19,900 *	81.3	315.1	18,300 *
250	70	90	75.5	317.6	21,000 *	77.5	315.9	19,600 *	79.5	312.4	17,700 *
250	70	100	73.6	314.6	20,700 *	75.7	312.9	19,200 *	77.6	309.4	15,800 *
250	70	110	71.7	311.3	19,500 *	73.8	309.5	18,200 *	75.7	306.0	14,200 *
250	70	120	69.8	307.6	18,200 *	71.9	305.8	16,600 *	73.7	302.2	12,900 *
250	70	130	67.9	303.5	17,100 *	69.9	301.7	15,200 *	71.8	298.1	11,500 *
250	70	140	66.0	299.0	16,000 *	68.0	297.2	13,800 *	69.8	293.5	10,500 *
250	70	150	64.0	294.1	15,000 *	66.0	292.2	12,600 *	67.8	288.5	9,300 *
250	70	160	62.0	288.8	14,200 *	63.9	286.8	11,500 *	65.7	283.1	8,600 *
250	70	170	59.9	282.9	13,200 *	61.9	281.0	10,700 *	63.6	277.1	7,700 *
250	70	180	57.8	276.6	12,300 *	59.8	274.6	9,800 *	61.5	270.7	7,100 *
250	70	190	55.6	269.8	11,200 *	57.6	267.8	9,100 *	59.3	263.7	6,400 *
250	70	200	53.4	262.4	10,400 *	55.4	260.3	8,400 *	57.0	256.1	5,900 *
250	70	210	51.1	254.4	9,800 *	53.1	252.2	7,600 *	54.7	247.8	5,400 *
250	70	220	48.8	245.6	9,100 *	50.7	243.4	7,200 *	52.2	238.9	5,000 *
250	70	230	46.3	236.1	8,400 *	48.2	233.8	6,700 *	49.7	229.1	4,600 *
250	70	240	43.8	225.8	7,700	45.6	223.3	6,200 *	47.1	218.4	4,300 *
250	70	250	41.1	214.4	6,900	42.9	211.8	5,700 *			
250	70	260	38.2	201.9	6,000	40.0	199.1	5,400 *			
250	70	270	35.2	187.9	5,300	36.9	184.9	5,100 *			
250	70	280	31.9	172.2	4,600						
250	70	290	28.2	154.1	4,000						
250	80	60	81.4	334.6	17,900 *						
250	80	70	79.6	332.7	17,600 *	81.9	330.8	16,400 *			
250	80	80	77.8	330.5	17,300 *	80.1	328.6	16,100 *			
250	80	90	76.0	327.9	17,100 *	78.4	326.0	15,700 *	80.5	322.2	14,300 *
250	80	100	74.3	325.1	16,800 *	76.5	323.1	15,400 *	78.7	319.3	13,100 *
250	80	110	72.4	321.8	16,500 *	74.7	319.9	15,000 *	76.9	316.0	11,900 *
250	80	120	70.6	318.3	16,000 *	72.9	316.3	14,100 *	75.0	312.4	10,600 *

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+0 Cwt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the crane rating manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
250	80	130	68.8	314.3	15,000 *	71.0	312.3	12,900 *	73.1	308.3	9,500 *
250	80	140	66.9	310.0	14,000 *	69.1	308.0	11,800 *	71.2	303.9	8,600 *
250	80	150	65.0	305.3	13,200 *	67.2	303.2	10,800 *	69.2	299.1	7,800 *
250	80	160	63.0	300.1	12,300 *	65.2	298.0	9,900 *	67.2	293.9	7,100 *
250	80	170	61.1	294.5	11,400 *	63.3	292.4	9,000 *	65.2	288.2	6,300 *
250	80	180	59.0	288.5	10,700 *	61.2	286.3	8,300 *	63.2	282.0	5,800 *
250	80	190	57.0	282.0	9,800 *	59.2	279.7	7,600 *	61.1	275.3	5,200 *
250	80	200	54.9	274.9	9,100 *	57.0	272.6	7,000 *	58.9	268.0	4,800 *
250	80	210	52.7	267.2	8,400 *	54.8	264.9	6,500 *	56.7	260.2	4,400 *
250	80	220	50.5	258.9	7,800 *	52.6	256.5	6,000 *	54.4	251.6	4,100 *
250	80	230	48.1	250.0	7,400 *	50.2	247.4	5,600 *	52.0	242.4	3,800 *
250	80	240	45.7	240.2	6,900 *	47.8	237.6	5,100 *	49.5	232.3	3,500 *
250	80	250	43.2	229.6	6,300 *	45.2	226.8	4,800 *	46.9	221.3	3,200 *
250	80	260	40.6	218.0	6,000 *	42.6	215.0	4,500 *			
250	80	270	37.8	205.1	5,500 *	39.7	202.0	4,200 *			
250	80	280	34.8	190.9	4,800 *	36.7	187.5	4,000 *			
250	80	290	31.5	174.8	4,200 *						
250	80	300	27.9	156.4	3,600 *						
250	90	60	81.8	344.7	13,900 *						
250	90	70	80.0	342.9	13,700 *						
250	90	80	78.3	340.7	13,400 *	80.9	338.6	12,200 *			
250	90	90	76.6	338.3	13,100 *	79.1	336.2	11,900 *	81.5	332.0	10,400 *
250	90	100	74.9	335.5	12,900 *	77.4	333.4	11,500 *	79.8	329.2	10,300 *
250	90	110	73.1	332.4	12,600 *	75.6	330.2	11,200 *	78.0	326.0	9,900 *
250	90	120	71.3	328.9	12,300 *	73.8	326.7	10,800 *	76.2	322.5	8,800 *
250	90	130	69.6	325.1	12,000 *	72.0	322.9	10,500 *	74.3	318.6	8,000 *
250	90	140	67.7	320.9	11,600 *	70.2	318.7	10,000 *	72.5	314.3	7,200 *
250	90	150	65.9	316.3	11,200 *	68.4	314.1	9,100 *	70.6	309.7	6,400 *
250	90	160	64.0	311.4	10,700 *	66.5	309.1	8,400 *	68.7	304.6	5,800 *
250	90	170	62.1	306.0	9,800 *	64.6	303.7	7,600 *	66.7	299.1	5,300 *
250	90	180	60.2	300.2	9,000 *	62.6	297.9	7,100 *	64.8	293.2	4,800 *
250	90	190	58.2	293.9	8,400 *	60.6	291.5	6,400 *	62.7	286.7	4,400 *
250	90	200	56.2	287.2	7,800 *	58.6	284.7	5,900 *	60.7	279.8	4,000 *
250	90	210	54.1	279.9	7,200 *	56.5	277.3	5,400 *	58.5	272.3	3,600 *
250	90	220	52.0	272.0	6,800 *	54.3	269.4	5,000 *	56.3	264.1	3,300 *
250	90	230	49.8	263.5	6,300 *	52.1	260.8	4,600 *	54.1	255.4	3,100 *
250	90	240	47.5	254.2	5,900 *	49.8	251.4	4,400 *	51.7	245.8	2,800 *
250	90	250	45.1	244.3	5,500 *	47.4	241.3	4,100 *	49.2	235.5	2,600 *
250	90	260	42.7	233.4	5,100 *	44.9	230.3	3,800 *	46.7	224.2	2,400 *
250	90	270	40.1	221.5	4,900 *	42.3	218.2	3,600 *			
250	90	280	37.3	208.4	4,500 *	39.5	204.9	3,300 *			
250	90	290	34.4	193.8	4,300 *	36.4	190.1	3,100 *			
250	90	300	31.1	177.5	3,700 *						
250	90	310	27.6	158.7	3,200 *						
250	100	70	80.5	353.0	9,700 *						

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+0 Ctwrt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the crane rating manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
250	100	80	78.8	351.0	9,500 *	81.6	348.7	8,400 *			
250	100	90	77.1	348.6	9,200 *	79.9	346.3	8,200 *			
250	100	100	75.5	345.9	9,000 *	78.2	343.6	8,100 *	80.8	339.1	7,400 *
250	100	110	73.8	342.8	8,700 *	76.5	340.6	7,900 *	79.0	336.0	7,200 *
250	100	120	72.0	339.5	8,500 *	74.7	337.2	7,700 *	77.3	332.6	7,100 *
250	100	130	70.3	335.8	8,300 *	73.0	333.5	7,500 *	75.5	328.8	6,600 *
250	100	140	68.6	331.8	8,100 *	71.2	329.4	7,400 *	73.7	324.7	6,000 *
250	100	150	66.8	327.4	7,900 *	69.4	325.0	7,300 *	71.9	320.2	5,400 *
250	100	160	65.0	322.6	7,700 *	67.6	320.2	7,000 *	70.0	315.3	4,900 *
250	100	170	63.1	317.4	7,600 *	65.8	314.9	6,500 *	68.2	310.0	4,300 *
250	100	180	61.3	311.8	7,400 *	63.9	309.3	5,900 *	66.3	304.3	4,000 *
250	100	190	59.4	305.8	7,200 *	62.0	303.2	5,400 *	64.3	298.1	3,500 *
250	100	200	57.4	299.3	6,700 *	60.0	296.7	5,000 *	62.3	291.4	3,300 *
250	100	210	55.4	292.3	6,100 *	58.0	289.6	4,500 *	60.3	284.2	2,900 *
250	100	220	53.4	284.8	5,800 *	56.0	282.0	4,200 *	58.2	276.5	2,700 *
250	100	230	51.3	276.6	5,400 *	53.8	273.8	3,900 *	56.0	268.1	2,400 *
250	100	240	49.2	267.9	4,900 *	51.7	265.0	3,600 *	53.8	259.0	2,200 *
250	100	250	46.9	258.4	4,600 *	49.4	255.4	3,400 *	51.5	249.2	2,100 *
250	100	260	44.6	248.2	4,300 *	47.0	245.0	3,100 *			
250	100	270	42.2	237.1	4,100 *	44.6	233.7	2,900 *			
250	100	280	39.6	224.9	3,900 *	42.0	221.4	2,800 *			
250	100	290	36.9	211.6	3,600 *	39.2	207.8	2,600 *			
250	100	300	34.0	196.8	3,500 *	36.2	192.7	2,400 *			
250	100	310	30.8	180.1	3,300 *						
250	100	320	27.3	161.0	2,800						
260	30	50	81.3	295.8	40,000 *						
260	30	60	79.3	294.0	40,000 *	80.3	293.2	40,000 *	81.2	291.5	40,000 *
260	30	70	77.3	291.9	40,000 *	78.3	291.0	40,000 *	79.2	289.4	40,000 *
260	30	80	75.3	289.3	40,000 *	76.2	288.5	39,300 *	77.1	286.8	33,800 *
260	30	90	73.2	286.4	37,800 *	74.2	285.6	33,900 *	75.1	283.9	31,000 *
260	30	100	71.2	283.1	32,700 *	72.1	282.2	31,100 *	73.0	280.5	28,600 *
260	30	110	69.1	279.4	30,300 *	70.0	278.5	28,600 *	70.9	276.8	26,200 *
260	30	120	67.0	275.2	27,900 *	67.9	274.4	26,200 *	68.7	272.6	23,700 *
260	30	130	64.8	270.7	25,800	65.7	269.8	24,200 *	66.6	268.0	22,000 *
260	30	140	62.6	265.6	22,600	63.5	264.7	22,300 *	64.3	262.8	20,100 *
260	30	150	60.4	260.1	19,900	61.3	259.1	20,300	62.1	257.2	18,300 *
260	30	160	58.1	254.0	17,600	59.0	253.0	18,000	59.8	251.1	17,100 *
260	30	170	55.7	247.3	15,600	56.6	246.3	15,900	57.4	244.4	15,600 *
260	30	180	53.3	240.1	13,800	54.2	239.0	14,100	54.9	237.0	14,300
260	30	190	50.8	232.1	12,200	51.7	231.0	12,400	52.4	228.9	12,600
260	30	200	48.2	223.4	10,800	49.1	222.3	11,000	49.7	220.1	11,200
260	30	210	45.5	213.9	9,500	46.3	212.7	9,700	47.0	210.4	9,800
260	30	220	42.6	203.3	8,300	43.5	202.1	8,500			
260	30	230	39.6	191.7	7,300	40.4	190.4	7,400			
260	30	240	36.4	178.6	6,300	37.2	177.2	6,500			
260	30	250	32.9	163.9	5,500						

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+0 Ctwrt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the crane rating manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
260	30	260	29.0	146.9	4,700						
260	40	50	81.7	305.9	36,000 *						
260	40	60	79.8	304.2	36,000 *	81.1	303.1	35,800 *			
260	40	70	77.9	302.1	36,000 *	79.2	301.0	35,600 *	80.3	298.9	32,900 *
260	40	80	75.9	299.6	34,800 *	77.2	298.6	33,200 *	78.4	296.4	29,800 *
260	40	90	74.0	296.8	32,700 *	75.2	295.7	30,600 *	76.4	293.6	27,300 *
260	40	100	72.0	293.6	30,200 *	73.2	292.5	28,000 *	74.4	290.3	24,500 *
260	40	110	70.0	290.1	27,800 *	71.2	288.9	25,700 *	72.3	286.7	22,500 *
260	40	120	67.9	286.1	25,600 *	69.1	284.9	23,500 *	70.3	282.7	20,500 *
260	40	130	65.9	281.7	23,600 *	67.1	280.5	21,600 *	68.2	278.2	18,600 *
260	40	140	63.7	276.8	21,900 *	65.0	275.7	19,800 *	66.0	273.3	17,100 *
260	40	150	61.6	271.5	20,300	62.8	270.3	18,400 *	63.8	267.9	15,800 *
260	40	160	59.4	265.7	17,900	60.6	264.5	16,900 *	61.6	262.0	14,200 *
260	40	170	57.2	259.4	15,900	58.3	258.1	15,500 *	59.3	255.6	13,200 *
260	40	180	54.9	252.5	14,100	56.0	251.2	14,500	57.0	248.6	12,100 *
260	40	190	52.5	244.9	12,500	53.6	243.6	12,800	54.6	240.9	11,200 *
260	40	200	50.0	236.7	11,100	51.2	235.3	11,400	52.1	232.6	10,300 *
260	40	210	47.5	227.7	9,800	48.6	226.3	10,100	49.5	223.4	9,600 *
260	40	220	44.8	217.9	8,600	45.9	216.4	8,900	46.8	213.4	8,800 *
260	40	230	42.0	207.1	7,600	43.1	205.5	7,800			
260	40	240	39.1	195.1	6,600	40.1	193.4	6,800			
260	40	250	35.9	181.8	5,700	36.9	180.0	5,900			
260	40	260	32.5	166.7	4,900						
260	40	270	28.7	149.3	4,200						
260	50	60	80.3	314.3	32,000 *	81.9	313.0	31,900 *			
260	50	70	78.4	312.3	32,000 *	80.0	311.0	30,800 *	81.4	308.4	28,900 *
260	50	80	76.6	309.9	30,300 *	78.1	308.6	29,000 *	79.5	306.0	26,000 *
260	50	90	74.7	307.2	28,500 *	76.2	305.9	27,200 *	77.6	303.3	23,400 *
260	50	100	72.7	304.2	26,800 *	74.2	302.8	25,000 *	75.6	300.2	21,300 *
260	50	110	70.8	300.7	25,200 *	72.3	299.3	22,600 *	73.7	296.7	19,200 *
260	50	120	68.8	296.9	23,500 *	70.3	295.5	20,900 *	71.7	292.8	17,400 *
260	50	130	66.8	292.6	21,400 *	68.3	291.2	19,000 *	69.6	288.5	15,900 *
260	50	140	64.8	288.0	19,900 *	66.3	286.6	17,400 *	67.6	283.7	14,300 *
260	50	150	62.8	282.9	18,300 *	64.2	281.4	16,100 *	65.5	278.6	13,000 *
260	50	160	60.7	277.3	16,800 *	62.1	275.8	14,900 *	63.4	272.9	11,800 *
260	50	170	58.5	271.2	15,700 *	59.9	269.7	13,700 *	61.2	266.7	10,900 *
260	50	180	56.3	264.7	14,400	57.7	263.1	12,400 *	58.9	260.0	10,100 *
260	50	190	54.0	257.5	12,800	55.5	255.9	11,500 *	56.6	252.7	9,100 *
260	50	200	51.7	249.7	11,300	53.1	248.1	10,800 *	54.3	244.8	8,500 *
260	50	210	49.3	241.2	10,100	50.7	239.5	9,900 *	51.8	236.1	7,700 *
260	50	220	46.8	232.0	8,900	48.2	230.2	9,200	49.3	226.7	7,300 *
260	50	230	44.2	221.9	7,800	45.5	220.0	8,100	46.6	216.3	6,700 *
260	50	240	41.5	210.8	6,900	42.8	208.8	7,200			
260	50	250	38.6	198.5	6,000	39.9	196.5	6,200			
260	50	260	35.5	184.9	5,200	36.7	182.6	5,400			

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+0 Cwt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the crane rating manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
260	50	270	32.1	169.5	4,500						
260	50	280	28.4	151.7	3,800						
260	60	60	80.8	324.5	26,900 *						
260	60	70	79.0	322.5	26,700 *	80.7	321.0	25,900 *			
260	60	80	77.1	320.2	26,600 *	78.9	318.7	25,400 *	80.6	315.7	22,100 *
260	60	90	75.3	317.6	24,900 *	77.1	316.1	23,900 *	78.7	313.0	20,200 *
260	60	100	73.4	314.6	23,400 *	75.2	313.1	22,000 *	76.8	310.0	18,200 *
260	60	110	71.6	311.3	21,900 *	73.3	309.7	20,100 *	74.9	306.6	16,300 *
260	60	120	69.7	307.6	20,500 *	71.4	306.0	18,200 *	73.0	302.8	14,600 *
260	60	130	67.8	303.5	19,200 *	69.5	301.9	16,600 *	71.1	298.7	13,200 *
260	60	140	65.8	299.0	17,900 *	67.5	297.4	15,400 *	69.1	294.1	11,800 *
260	60	150	63.8	294.1	16,500 *	65.5	292.5	13,900 *	67.1	289.1	10,800 *
260	60	160	61.8	288.8	15,200 *	63.5	287.1	12,800 *	65.0	283.7	9,900 *
260	60	170	59.7	283.0	14,000 *	61.4	281.2	11,800 *	62.9	277.8	9,100 *
260	60	180	57.6	276.7	13,000 *	59.3	274.9	10,800 *	60.8	271.4	8,300 *
260	60	190	55.5	269.8	12,000 *	57.1	268.0	10,000 *	58.6	264.4	7,600 *
260	60	200	53.3	262.4	11,000 *	54.9	260.5	9,300 *	56.3	256.8	7,000 *
260	60	210	51.0	254.4	10,300	52.6	252.4	8,600 *	54.0	248.6	6,400 *
260	60	220	48.6	245.7	9,200	50.2	243.6	8,000 *	51.6	239.6	5,800 *
260	60	230	46.2	236.2	8,100	47.8	234.1	7,300 *	49.0	229.9	5,400 *
260	60	240	43.6	225.8	7,100	45.2	223.6	6,800 *	46.4	219.2	5,000 *
260	60	250	40.9	214.4	6,300	42.5	212.1	6,300 *			
260	60	260	38.1	201.9	5,400	39.6	199.4	5,700			
260	60	270	35.0	187.9	4,700	36.5	185.3	4,900			
260	60	280	31.7	172.2	4,000						
260	60	290	28.0	154.1	3,400						
260	70	60	81.2	334.6	21,800 *						
260	70	70	79.4	332.7	21,600 *	81.5	331.0	20,300 *			
260	70	80	77.7	330.5	21,300 *	79.7	328.8	20,000 *	81.6	325.3	18,400 *
260	70	90	75.9	327.9	21,000 *	77.9	326.2	19,600 *	79.8	322.8	17,000 *
260	70	100	74.1	325.1	20,500 *	76.1	323.3	19,000 *	78.0	319.8	15,300 *
260	70	110	72.3	321.9	19,200 *	74.3	320.1	17,400 *	76.1	316.6	13,800 *
260	70	120	70.5	318.3	18,000 *	72.4	316.5	15,900 *	74.3	312.9	12,200 *
260	70	130	68.6	314.3	16,900 *	70.6	312.5	14,400 *	72.4	308.9	11,100 *
260	70	140	66.7	310.0	15,800 *	68.7	308.2	13,200 *	70.5	304.5	10,000 *
260	70	150	64.8	305.3	14,600 *	66.8	303.4	12,100 *	68.5	299.7	9,000 *
260	70	160	62.9	300.1	13,400 *	64.8	298.2	11,000 *	66.5	294.5	8,100 *
260	70	170	60.9	294.6	12,300 *	62.8	292.6	10,100 *	64.5	288.8	7,400 *
260	70	180	58.9	288.5	11,500 *	60.8	286.5	9,200 *	62.5	282.6	6,700 *
260	70	190	56.8	282.0	10,700 *	58.7	280.0	8,700 *	60.4	275.9	6,200 *
260	70	200	54.7	274.9	9,900 *	56.6	272.8	7,900 *	58.2	268.7	5,700 *
260	70	210	52.5	267.3	9,100 *	54.4	265.1	7,200 *	56.0	260.8	5,100 *
260	70	220	50.3	259.0	8,400 *	52.1	256.8	6,700 *	53.7	252.3	4,800 *
260	70	230	48.0	250.0	7,900 *	49.8	247.7	6,300 *	51.3	243.1	4,400 *
260	70	240	45.6	240.3	7,400	47.4	237.9	5,800 *	48.8	233.1	4,000 *

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+0 Ctwrt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the crane rating manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
260	70	250	43.1	229.6	6,500	44.8	227.1	5,400 *	46.2	222.1	3,800 *
260	70	260	40.4	218.0	5,700	42.2	215.3	5,100 *			
260	70	270	37.6	205.2	4,900	39.3	202.4	4,700 *			
260	70	280	34.6	190.9	4,200	36.3	187.9	4,500			
260	70	290	31.3	174.9	3,600						
260	70	300	27.7	156.5	3,000						
260	80	60	81.6	344.7	17,900 *						
260	80	70	79.9	342.9	17,600 *						
260	80	80	78.2	340.7	17,400 *	80.4	338.8	16,100 *			
260	80	90	76.5	338.3	17,100 *	78.7	336.3	15,800 *	80.8	332.5	14,300 *
260	80	100	74.7	335.5	16,900 *	77.0	333.5	15,400 *	79.0	329.7	12,700 *
260	80	110	73.0	332.4	16,600 *	75.2	330.4	15,000 *	77.3	326.5	11,500 *
260	80	120	71.2	328.9	15,800 *	73.4	326.9	13,500 *	75.5	323.0	10,300 *
260	80	130	69.4	325.1	14,800 *	71.6	323.1	12,500 *	73.6	319.1	9,200 *
260	80	140	67.6	320.9	13,800 *	69.8	318.9	11,400 *	71.8	314.9	8,300 *
260	80	150	65.8	316.4	12,700 *	67.9	314.3	10,300 *	69.9	310.2	7,500 *
260	80	160	63.9	311.4	11,700 *	66.0	309.3	9,400 *	68.0	305.1	6,800 *
260	80	170	62.0	306.1	10,800 *	64.1	303.9	8,700 *	66.1	299.7	6,200 *
260	80	180	60.1	300.2	10,000 *	62.2	298.1	7,800 *	64.1	293.7	5,500 *
260	80	190	58.1	294.0	9,300 *	60.2	291.7	7,200 *	62.1	287.3	5,000 *
260	80	200	56.1	287.2	8,700 *	58.2	284.9	6,600 *	60.0	280.4	4,500 *
260	80	210	54.0	279.9	7,900 *	56.1	277.5	6,200 *	57.9	272.9	4,200 *
260	80	220	51.8	272.0	7,300 *	53.9	269.6	5,700 *	55.7	264.8	3,900 *
260	80	230	49.6	263.5	6,900 *	51.7	261.0	5,200 *	53.4	256.0	3,500 *
260	80	240	47.4	254.3	6,400 *	49.4	251.7	4,900 *	51.1	246.5	3,300 *
260	80	250	45.0	244.3	6,000 *	47.0	241.6	4,600 *	48.6	236.2	3,000 *
260	80	260	42.5	233.4	5,700 *	44.5	230.6	4,300 *	46.0	224.9	2,800 *
260	80	270	39.9	221.5	5,100	41.9	218.5	3,900 *			
260	80	280	37.2	208.4	4,400	39.1	205.2	3,700 *			
260	80	290	34.2	193.9	3,800	36.0	190.4	3,500 *			
260	80	300	31.0	177.5	3,200						
260	80	310	27.4	158.8	2,600						
260	90	60	82.0	354.8	13,900 *						
260	90	70	80.3	353.1	13,700 *						
260	90	80	78.7	351.0	13,500 *	81.1	348.9	12,300 *			
260	90	90	77.0	348.6	13,200 *	79.5	346.5	11,900 *	81.8	342.3	10,400 *
260	90	100	75.3	345.9	12,900 *	77.8	343.8	11,600 *	80.1	339.6	10,300 *
260	90	110	73.6	342.9	12,700 *	76.0	340.7	11,300 *	78.3	336.5	9,700 *
260	90	120	71.9	339.5	12,400 *	74.3	337.4	10,900 *	76.6	333.1	8,600 *
260	90	130	70.2	335.8	12,100 *	72.6	333.6	10,500 *	74.8	329.3	7,700 *
260	90	140	68.4	331.8	11,700 *	70.8	329.6	9,700 *	73.0	325.2	6,900 *
260	90	150	66.6	327.4	11,100 *	69.0	325.1	8,700 *	71.2	320.7	6,300 *
260	90	160	64.8	322.6	10,100 *	67.2	320.3	8,100 *	69.4	315.8	5,600 *
260	90	170	63.0	317.4	9,300 *	65.4	315.1	7,300 *	67.5	310.5	5,100 *
260	90	180	61.1	311.8	8,600 *	63.5	309.5	6,600 *	65.6	304.8	4,600 *

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+0 Ctwrt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the crane rating manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
260	90	190	59.2	305.8	8,000 *	61.6	303.4	6,200 *	63.6	298.6	4,100 *
260	90	200	57.3	299.3	7,400 *	59.6	296.9	5,700 *	61.6	291.9	3,800 *
260	90	210	55.3	292.3	6,900 *	57.6	289.8	5,300 *	59.6	284.8	3,400 *
260	90	220	53.3	284.8	6,300 *	55.5	282.2	4,800 *	57.5	277.0	3,100 *
260	90	230	51.2	276.7	5,900 *	53.4	274.0	4,500 *	55.4	268.7	2,900 *
260	90	240	49.0	267.9	5,500 *	51.2	265.2	4,100 *	53.1	259.6	2,600 *
260	90	250	46.8	258.5	5,200 *	49.0	255.6	3,800 *	50.8	249.9	2,400 *
260	90	260	44.4	248.2	4,900 *	46.6	245.3	3,600 *	48.4	239.3	2,200 *
260	90	270	42.0	237.1	4,500 *	44.2	234.0	3,300 *	45.9	227.7	2,100 *
260	90	280	39.5	225.0	4,300 *	41.6	221.7	3,100 *			
260	90	290	36.7	211.6	3,900	38.8	208.1	2,900 *			
260	90	300	33.8	196.8	3,400	35.8	193.0	2,700 *			
260	90	310	30.7	180.1	2,800						
260	90	320	27.2	161.0	2,300						
260	100	70	80.7	363.2	9,800 *						
260	100	80	79.1	361.2	9,500 *	81.8	358.9	8,400 *			
260	100	90	77.5	358.9	9,300 *	80.2	356.6	8,300 *			
260	100	100	75.9	356.2	9,000 *	78.5	354.0	8,100 *	81.0	349.4	7,400 *
260	100	110	74.2	353.3	8,800 *	76.9	351.0	7,900 *	79.3	346.4	7,300 *
260	100	120	72.6	350.1	8,500 *	75.2	347.7	7,800 *	77.6	343.1	7,200 *
260	100	130	70.9	346.5	8,300 *	73.5	344.1	7,600 *	75.9	339.5	6,500 *
260	100	140	69.2	342.6	8,200 *	71.8	340.2	7,400 *	74.2	335.5	5,800 *
260	100	150	67.5	338.3	8,000 *	70.0	335.9	7,300 *	72.4	331.1	5,200 *
260	100	160	65.7	333.7	7,800 *	68.3	331.3	6,900 *	70.7	326.4	4,600 *
260	100	170	63.9	328.7	7,600 *	66.5	326.2	6,200 *	68.8	321.3	4,200 *
260	100	180	62.2	323.3	7,500 *	64.7	320.8	5,700 *	67.0	315.8	3,700 *
260	100	190	60.3	317.5	6,900 *	62.9	314.9	5,200 *	65.1	309.8	3,400 *
260	100	200	58.5	311.3	6,300 *	61.0	308.6	4,800 *	63.2	303.4	3,100 *
260	100	210	56.5	304.6	5,900 *	59.0	301.9	4,400 *	61.3	296.5	2,800 *
260	100	220	54.6	297.3	5,400 *	57.1	294.6	4,100 *	59.2	289.1	2,600 *
260	100	230	52.6	289.6	5,100 *	55.1	286.8	3,800 *	57.2	281.1	2,300 *
260	100	240	50.5	281.3	4,700 *	53.0	278.3	3,500 *	55.1	272.5	2,100 *
260	100	250	48.4	272.3	4,400 *	50.8	269.3	3,200 *	52.9	263.2	2,000 *
260	100	260	46.2	262.6	4,200 *	48.6	259.5	3,000 *			
260	100	270	43.9	252.1	3,900 *	46.3	248.9	2,700 *			
260	100	280	41.5	240.8	3,700 *	43.8	237.3	2,600 *			
260	100	290	39.0	228.4	3,400 *	41.3	224.7	2,400 *			
260	100	300	36.3	214.7	3,300 *	38.6	210.9	2,300 *			
260	100	310	33.5	199.6	3,000	35.6	195.5	2,200 *			
260	100	320	30.3	182.7	2,400						
270	30	50	81.6	306.0	40,000 *						
270	30	60	79.7	304.2	40,000 *	80.6	303.4	40,000 *	81.5	301.7	40,000 *
270	30	70	77.7	302.1	40,000 *	78.7	301.3	39,700 *	79.5	299.6	34,500 *
270	30	80	75.8	299.7	38,400 *	76.7	298.8	34,200 *	77.6	297.2	31,600 *
270	30	90	73.8	296.9	33,100 *	74.7	296.0	31,400 *	75.6	294.3	28,900 *

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+0 Ctwrt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the crane rating manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
270	30	100	71.8	293.7	30,600 *	72.7	292.8	28,900 *	73.6	291.1	26,500 *
270	30	110	69.8	290.1	28,100 *	70.7	289.2	26,700 *	71.6	287.5	24,300 *
270	30	120	67.8	286.1	25,900 *	68.7	285.2	24,500 *	69.5	283.5	22,300 *
270	30	130	65.7	281.7	23,800 *	66.6	280.8	22,600 *	67.4	279.0	20,500 *
270	30	140	63.6	276.9	21,900 *	64.5	275.9	20,500 *	65.3	274.1	18,700 *
270	30	150	61.4	271.6	19,600	62.3	270.6	19,000 *	63.1	268.8	17,200 *
270	30	160	59.2	265.7	17,200	60.1	264.8	17,600	60.9	262.9	15,900 *
270	30	170	57.0	259.4	15,200	57.9	258.4	15,500	58.6	256.5	14,500 *
270	30	180	54.7	252.5	13,400	55.6	251.5	13,700	56.3	249.5	13,500 *
270	30	190	52.3	245.0	11,800	53.2	243.9	12,100	53.9	241.9	12,300
270	30	200	49.9	236.7	10,400	50.7	235.7	10,600	51.4	233.5	10,800
270	30	210	47.3	227.8	9,100	48.2	226.7	9,300	48.8	224.4	9,500
270	30	220	44.7	218.0	8,000	45.5	216.8	8,100	46.1	214.4	8,300
270	30	230	41.9	207.1	6,900	42.7	205.9	7,100			
270	30	240	38.9	195.2	5,900	39.7	193.9	6,100			
270	30	250	35.8	181.8	5,100	36.5	180.4	5,200			
270	30	260	32.3	166.8	4,300						
270	30	270	28.5	149.4	3,500						
270	40	60	80.2	314.4	36,000 *	81.4	313.3	35,900 *			
270	40	70	78.3	312.3	36,000 *	79.5	311.3	33,800 *	80.6	309.1	30,900 *
270	40	80	76.4	310.0	33,300 *	77.6	308.9	31,100 *	78.7	306.7	28,000 *
270	40	90	74.5	307.3	30,800 *	75.7	306.2	28,500 *	76.8	304.0	25,600 *
270	40	100	72.6	304.2	28,000 *	73.8	303.1	26,100 *	74.9	300.9	23,000 *
270	40	110	70.6	300.7	25,900 *	71.8	299.6	24,000 *	72.9	297.4	21,200 *
270	40	120	68.7	296.9	23,900 *	69.9	295.8	22,000 *	70.9	293.5	19,100 *
270	40	130	66.7	292.7	22,100 *	67.9	291.5	20,100 *	68.9	289.2	17,500 *
270	40	140	64.7	288.0	20,100 *	65.8	286.8	18,500 *	66.9	284.5	16,100 *
270	40	150	62.6	282.9	18,600 *	63.8	281.7	17,100 *	64.8	279.3	14,700 *
270	40	160	60.5	277.3	17,300 *	61.6	276.1	15,700 *	62.6	273.7	13,400 *
270	40	170	58.3	271.3	15,500	59.5	270.0	14,400 *	60.5	267.5	12,400 *
270	40	180	56.2	264.7	13,700	57.3	263.4	13,400 *	58.2	260.9	11,400 *
270	40	190	53.9	257.5	12,100	55.0	256.2	12,300 *	56.0	253.6	10,500 *
270	40	200	51.6	249.7	10,700	52.7	248.4	11,000	53.6	245.7	9,600 *
270	40	210	49.2	241.3	9,400	50.3	239.8	9,700	51.1	237.0	9,000 *
270	40	220	46.7	232.0	8,200	47.7	230.6	8,500	48.6	227.6	8,300 *
270	40	230	44.1	221.9	7,200	45.1	220.4	7,400	45.9	217.3	7,600
270	40	240	41.3	210.8	6,200	42.4	209.2	6,500			
270	40	250	38.4	198.6	5,400	39.4	196.9	5,600			
270	40	260	35.3	184.9	4,600	36.3	183.1	4,700			
270	40	270	31.9	169.5	3,800						
270	40	280	28.2	151.8	3,100						
270	50	60	80.6	324.5	32,000 *						
270	50	70	78.8	322.5	31,600 *	80.3	321.2	30,100 *	81.7	318.6	27,100 *
270	50	80	77.0	320.3	29,700 *	78.5	318.9	28,000 *	79.8	316.3	24,500 *
270	50	90	75.1	317.6	27,900 *	76.6	316.3	25,600 *	78.0	313.7	22,100 *

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+0 Cwt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the crane rating manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
270	50	100	73.3	314.7	25,700 *	74.8	313.3	23,400 *	76.1	310.6	20,100 *
270	50	110	71.4	311.3	23,700 *	72.9	310.0	21,300 *	74.2	307.3	18,100 *
270	50	120	69.5	307.6	21,700 *	71.0	306.2	19,500 *	72.3	303.5	16,500 *
270	50	130	67.6	303.5	20,000 *	69.0	302.1	17,900 *	70.3	299.4	14,800 *
270	50	140	65.6	299.1	18,500 *	67.1	297.6	16,400 *	68.4	294.8	13,600 *
270	50	150	63.7	294.2	16,900 *	65.1	292.7	15,100 *	66.3	289.9	12,300 *
270	50	160	61.7	288.8	15,500 *	63.1	287.3	13,800 *	64.3	284.4	11,300 *
270	50	170	59.6	283.0	14,500 *	61.0	281.5	12,600 *	62.2	278.5	10,300 *
270	50	180	57.5	276.7	13,300 *	58.9	275.2	11,700 *	60.1	272.1	9,300 *
270	50	190	55.3	269.9	12,400 *	56.7	268.3	10,700 *	57.9	265.2	8,700 *
270	50	200	53.1	262.5	11,000 *	54.5	260.8	10,100 *	55.6	257.6	7,900 *
270	50	210	50.8	254.4	9,700 *	52.2	252.7	9,200 *	53.3	249.4	7,300 *
270	50	220	48.5	245.7	8,500 *	49.8	244.0	8,600 *	50.9	240.5	6,700 *
270	50	230	46.0	236.2	7,500 *	47.3	234.4	7,800 *	48.4	230.8	6,300 *
270	50	240	43.5	225.8	6,500 *	44.8	223.9	6,800 *	45.8	220.2	5,800 *
270	50	250	40.8	214.5	5,600 *	42.0	212.5	5,900 *			
270	50	260	37.9	201.9	4,800 *	39.2	199.8	5,000 *			
270	50	270	34.9	188.0	4,100 *	36.1	185.7	4,300 *			
270	50	280	31.6	172.3	3,400 *						
270	50	290	27.9	154.2	2,800 *						
270	60	60	81.1	334.6	26,900 *						
270	60	70	79.3	332.7	26,700 *	81.0	331.2	25,900 *			
270	60	80	77.5	330.5	26,100 *	79.3	329.0	24,900 *	80.9	325.9	21,100 *
270	60	90	75.8	328.0	24,400 *	77.5	326.4	22,600 *	79.1	323.4	19,100 *
270	60	100	74.0	325.1	22,900 *	75.7	323.5	20,700 *	77.3	320.4	17,000 *
270	60	110	72.1	321.9	21,400 *	73.8	320.3	18,700 *	75.4	317.2	15,500 *
270	60	120	70.3	318.3	19,800 *	72.0	316.7	17,300 *	73.6	313.5	13,900 *
270	60	130	68.5	314.4	18,100 *	70.1	312.7	15,700 *	71.7	309.5	12,600 *
270	60	140	66.6	310.0	16,700 *	68.3	308.4	14,400 *	69.8	305.1	11,300 *
270	60	150	64.7	305.3	15,400 *	66.3	303.6	13,200 *	67.8	300.3	10,300 *
270	60	160	62.7	300.2	14,200 *	64.4	298.5	12,100 *	65.9	295.1	9,400 *
270	60	170	60.8	294.6	12,900 *	62.4	292.9	11,000 *	63.8	289.4	8,600 *
270	60	180	58.7	288.6	12,200 *	60.4	286.8	10,300 *	61.8	283.3	7,900 *
270	60	190	56.7	282.0	11,200 *	58.3	280.2	9,300 *	59.7	276.6	7,200 *
270	60	200	54.6	274.9	10,300 *	56.2	273.1	8,600 *	57.5	269.4	6,600 *
270	60	210	52.4	267.3	9,600 *	54.0	265.4	8,000 *	55.3	261.6	6,000 *
270	60	220	50.2	259.0	8,800 *	51.7	257.0	7,400 *	53.0	253.1	5,600 *
270	60	230	47.8	250.0	7,700 *	49.4	248.0	6,900 *	50.6	243.9	5,200 *
270	60	240	45.4	240.3	6,700 *	47.0	238.2	6,400 *	48.2	233.9	4,800 *
270	60	250	42.9	229.7	5,900 *	44.4	227.4	6,000 *	45.6	223.0	4,400 *
270	60	260	40.3	218.0	5,100 *	41.7	215.7	5,300 *			
270	60	270	37.5	205.2	4,300 *	38.9	202.7	4,600 *			
270	60	280	34.5	191.0	3,600 *	35.9	188.3	3,800 *			
270	60	290	31.2	174.9	3,000 *						
270	60	300	27.6	156.5	2,400 *						

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+0 Ctwrt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the crane rating manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
270	70	60	81.5	344.7	21,900 *						
270	70	70	79.8	342.9	21,600 *	81.7	341.2	20,400 *			
270	70	80	78.0	340.8	21,400 *	80.0	339.0	20,100 *	81.9	335.6	18,000 *
270	70	90	76.3	338.3	21,100 *	78.3	336.5	19,700 *	80.1	333.1	16,300 *
270	70	100	74.6	335.5	20,100 *	76.5	333.7	18,100 *	78.3	330.2	14,500 *
270	70	110	72.8	332.4	18,900 *	74.8	330.6	16,400 *	76.6	327.1	13,100 *
270	70	120	71.1	328.9	17,500 *	73.0	327.1	15,000 *	74.8	323.6	11,800 *
270	70	130	69.3	325.1	16,200 *	71.2	323.3	13,700 *	72.9	319.7	10,600 *
270	70	140	67.5	320.9	14,800 *	69.4	319.1	12,500 *	71.1	315.4	9,500 *
270	70	150	65.6	316.4	13,700 *	67.5	314.5	11,500 *	69.2	310.8	8,500 *
270	70	160	63.7	311.4	12,700 *	65.6	309.5	10,500 *	67.3	305.8	7,800 *
270	70	170	61.8	306.1	11,500 *	63.7	304.1	9,600 *	65.4	300.3	7,100 *
270	70	180	59.9	300.3	10,700 *	61.8	298.3	8,700 *	63.4	294.4	6,400 *
270	70	190	57.9	294.0	9,900 *	59.8	292.0	8,100 *	61.4	288.0	5,900 *
270	70	200	55.9	287.2	9,200 *	57.7	285.2	7,500 *	59.3	281.0	5,300 *
270	70	210	53.8	279.9	8,500 *	55.6	277.8	6,800 *	57.2	273.6	4,900 *
270	70	220	51.7	272.0	7,900 *	53.5	269.8	6,300 *	55.0	265.5	4,500 *
270	70	230	49.5	263.5	7,400 *	51.3	261.3	5,900 *	52.8	256.7	4,200 *
270	70	240	47.2	254.3	6,900 *	49.0	252.0	5,500 *	50.4	247.3	3,800 *
270	70	250	44.9	244.3	6,100 *	46.6	241.9	5,100 *	48.0	237.0	3,600 *
270	70	260	42.4	233.4	5,300 *	44.1	230.9	4,700 *	45.4	225.7	3,300 *
270	70	270	39.8	221.5	4,500 *	41.5	218.8	4,400 *			
270	70	280	37.0	208.5	3,800 *	38.7	205.6	4,100 *			
270	70	290	34.1	193.9	3,200 *	35.7	190.8	3,400 *			
270	70	300	30.9	177.6	2,600 *						
270	70	310	27.3	158.8	2,000 *						
270	80	60	81.8	354.9	17,900 *						
270	80	70	80.2	353.1	17,700 *						
270	80	80	78.5	351.0	17,400 *	80.7	349.1	16,200 *			
270	80	90	76.9	348.6	17,200 *	79.0	346.7	15,900 *	81.1	342.8	13,800 *
270	80	100	75.2	345.9	16,900 *	77.3	343.9	15,500 *	79.4	340.1	12,300 *
270	80	110	73.5	342.9	16,600 *	75.6	340.9	14,200 *	77.6	337.0	11,200 *
270	80	120	71.8	339.5	15,500 *	73.9	337.5	13,000 *	75.9	333.6	9,900 *
270	80	130	70.0	335.8	14,100 *	72.2	333.8	11,900 *	74.1	329.8	8,900 *
270	80	140	68.3	331.8	13,200 *	70.4	329.8	10,800 *	72.3	325.7	8,000 *
270	80	150	66.5	327.4	12,100 *	68.6	325.3	9,900 *	70.5	321.2	7,200 *
270	80	160	64.7	322.6	11,000 *	66.8	320.5	8,900 *	68.7	316.4	6,500 *
270	80	170	62.9	317.5	10,300 *	64.9	315.3	8,200 *	66.8	311.1	5,900 *
270	80	180	61.0	311.9	9,400 *	63.1	309.7	7,500 *	64.9	305.4	5,400 *
270	80	190	59.1	305.8	8,800 *	61.2	303.6	6,900 *	63.0	299.2	4,900 *
270	80	200	57.2	299.3	8,200 *	59.2	297.1	6,400 *	61.0	292.5	4,400 *
270	80	210	55.2	292.3	7,400 *	57.2	290.0	5,900 *	59.0	285.4	4,000 *
270	80	220	53.1	284.8	7,000 *	55.1	282.4	5,400 *	56.9	277.7	3,700 *
270	80	230	51.0	276.7	6,500 *	53.0	274.2	5,000 *	54.7	269.3	3,400 *
270	80	240	48.9	267.9	6,100 *	50.9	265.4	4,700 *	52.5	260.3	3,100 *
270	80	250	46.6	258.5	5,600 *	48.6	255.9	4,300 *	50.2	250.6	2,900 *

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+0 Ctwrt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the crane rating manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
270	80	260	44.3	248.3	5,300 *	46.2	245.5	4,100 *	47.8	240.0	2,700 *
270	80	270	41.9	237.1	4,700	43.8	234.3	3,800 *	45.3	228.5	2,500 *
270	80	280	39.3	225.0	4,000	41.2	221.9	3,500 *			
270	80	290	36.6	211.6	3,400	38.4	208.4	3,300 *			
270	80	300	33.7	196.8	2,800	35.5	193.3	3,100			
270	80	310	30.5	180.2	2,200						
270	90	70	80.6	363.2	13,700 *						
270	90	80	79.0	361.2	13,500 *	81.4	359.1	12,300 *			
270	90	90	77.4	358.9	13,300 *	79.8	356.8	12,000 *			
270	90	100	75.7	356.3	13,000 *	78.1	354.1	11,700 *	80.4	349.9	10,300 *
270	90	110	74.1	353.3	12,800 *	76.5	351.2	11,300 *	78.7	346.9	9,300 *
270	90	120	72.4	350.1	12,500 *	74.8	347.9	11,000 *	77.0	343.6	8,400 *
270	90	130	70.7	346.5	12,200 *	73.1	344.3	10,200 *	75.3	340.0	7,500 *
270	90	140	69.0	342.6	11,400 *	71.4	340.4	9,100 *	73.5	336.0	6,600 *
270	90	150	67.3	338.4	10,500 *	69.6	336.1	8,400 *	71.8	331.6	6,000 *
270	90	160	65.6	333.7	9,600 *	67.9	331.5	7,600 *	70.0	326.9	5,400 *
270	90	170	63.8	328.7	8,900 *	66.1	326.4	7,000 *	68.2	321.8	4,800 *
270	90	180	62.0	323.3	8,300 *	64.3	321.0	6,500 *	66.4	316.3	4,400 *
270	90	190	60.2	317.5	7,600 *	62.5	315.1	5,900 *	64.5	310.4	4,000 *
270	90	200	58.3	311.3	7,000 *	60.6	308.8	5,400 *	62.6	304.0	3,700 *
270	90	210	56.4	304.6	6,500 *	58.7	302.1	5,000 *	60.6	297.1	3,300 *
270	90	220	54.5	297.4	6,100 *	56.7	294.8	4,600 *	58.6	289.7	3,000 *
270	90	230	52.5	289.6	5,600 *	54.7	287.0	4,300 *	56.6	281.7	2,800 *
270	90	240	50.4	281.3	5,200 *	52.6	278.6	3,900 *	54.4	273.1	2,500 *
270	90	250	48.3	272.3	4,900 *	50.4	269.5	3,600 *	52.2	263.9	2,300 *
270	90	260	46.1	262.6	4,600 *	48.2	259.7	3,400 *	50.0	253.8	2,200 *
270	90	270	43.8	252.2	4,200 *	45.9	249.1	3,100 *	47.6	243.0	2,000 *
270	90	280	41.4	240.8	4,000 *	43.5	237.6	3,000 *			
270	90	290	38.9	228.4	3,600	40.9	225.0	2,800 *			
270	90	300	36.2	214.8	3,000	38.2	211.2	2,600 *			
270	90	310	33.3	199.7	2,400	35.3	195.8	2,400 *			
270	100	70	81.0	373.4	9,800 *						
270	100	80	79.4	371.4	9,600 *						
270	100	90	77.8	369.2	9,300 *	80.4	366.9	8,300 *			
270	100	100	76.3	366.6	9,100 *	78.8	364.3	8,100 *	81.3	359.7	7,400 *
270	100	110	74.7	363.8	8,800 *	77.2	361.4	8,000 *	79.6	356.8	7,300 *
270	100	120	73.0	360.6	8,600 *	75.6	358.3	7,800 *	78.0	353.6	7,000 *
270	100	130	71.4	357.1	8,400 *	74.0	354.8	7,600 *	76.3	350.1	6,200 *
270	100	140	69.8	353.4	8,200 *	72.3	351.0	7,500 *	74.7	346.2	5,700 *
270	100	150	68.1	349.2	8,100 *	70.6	346.8	7,200 *	73.0	342.0	5,000 *
270	100	160	66.4	344.8	7,900 *	68.9	342.3	6,600 *	71.2	337.4	4,500 *
270	100	170	64.7	339.9	7,700 *	67.2	337.5	6,000 *	69.5	332.5	4,000 *
270	100	180	63.0	334.7	7,200 *	65.5	332.2	5,400 *	67.7	327.2	3,700 *
270	100	190	61.2	329.1	6,600 *	63.7	326.6	5,000 *	65.9	321.4	3,300 *
270	100	200	59.4	323.1	6,000 *	61.9	320.5	4,600 *	64.1	315.3	3,000 *

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+0 Cwt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the crane rating manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
270	100	210	57.6	316.7	5,600 *	60.0	314.0	4,200 *	62.2	308.6	2,700 *
270	100	220	55.7	309.7	5,200 *	58.1	307.0	3,900 *	60.3	301.5	2,500 *
270	100	230	53.8	302.3	4,900 *	56.2	299.5	3,600 *	58.3	293.9	2,200 *
270	100	240	51.8	294.3	4,500 *	54.2	291.5	3,300 *	56.3	285.7	2,000 *
270	100	250	49.8	285.8	4,200 *	52.2	282.8	3,000 *			
270	100	260	47.7	276.6	3,900 *	50.0	273.5	2,800 *			
270	100	270	45.5	266.7	3,600 *	47.8	263.5	2,600 *			
270	100	280	43.3	256.0	3,400 *	45.6	252.7	2,400 *			
270	100	290	40.9	244.4	3,200 *	43.2	240.9	2,300 *			
270	100	300	38.4	231.7	3,000 *	40.6	228.0	2,200 *			
270	100	310	35.8	217.9	2,600	38.0	213.9	2,000 *			
270	100	320	33.0	202.5	2,000						

ONLY REFERENCE

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HC-278H w/ 68 x 80 Tube Boom w/ ABCD+AB Ctw 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the Crane Rating Manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
140	30	30	81.9	177.5	40,000 *						
140	30	35	80.2	176.6	40,000 *	81.9	175.9	40,000 *			
140	30	40	78.5	175.6	40,000 *	80.2	174.9	40,000 *	81.8	173.3	40,000 *
140	30	50	75.1	173.1	40,000 *	76.8	172.3	40,000 *	78.3	170.8	40,000 *
140	30	60	71.6	170.0	40,000 *	73.2	169.2	40,000 *	74.8	167.6	40,000 *
140	30	70	68.0	166.1	40,000 *	69.7	165.3	40,000 *	71.1	163.7	38,900 *
140	30	80	64.4	161.5	40,000 *	66.0	160.7	40,000 *	67.4	159.0	36,700 *
140	30	90	60.6	156.1	40,000 *	62.2	155.3	40,000 *	63.6	153.5	36,700 *
140	30	100	56.7	149.8	40,000 *	58.2	148.9	39,400 *	59.6	147.1	36,200 *
140	30	110	52.6	142.5	40,000 *	54.1	141.5	36,700 *	55.4	139.6	34,200 *
140	30	120	48.2	134.0	36,300	49.7	132.9	36,400	50.9	130.9	32,600 *
140	30	130	43.5	123.9	32,400	44.9	122.8	32,500	46.1	120.6	31,200 *
140	30	140	38.3	112.0	29,100	39.7	110.8	29,100			
140	30	150	32.4	97.5	26,300						
140	30	160	25.3	78.7	23,800						
140	40	35	81.0	186.8	36,000 *						
140	40	40	79.4	185.8	36,000 *	81.6	184.9	35,900 *			
140	40	50	76.2	183.5	36,000 *	78.3	182.5	35,500 *	80.3	180.5	34,600 *
140	40	60	72.9	180.5	36,000 *	75.0	179.5	35,000 *	76.9	177.5	34,400 *
140	40	70	69.6	176.9	35,600 *	71.6	175.9	34,600 *	73.5	173.9	33,100 *
140	40	80	66.2	172.6	35,200 *	68.2	171.6	34,400 *	70.1	169.5	30,600 *
140	40	90	62.7	167.6	34,700 *	64.7	166.5	34,200 *	66.5	164.4	28,600 *
140	40	100	59.0	161.7	34,500 *	61.0	160.6	34,000 *	62.8	158.4	26,800 *
140	40	110	55.2	155.0	33,100 *	57.2	153.8	32,200 *	58.9	151.5	25,300 *
140	40	120	51.2	147.2	31,200 *	53.2	146.0	30,000 *	54.8	143.5	24,100 *
140	40	130	47.0	138.2	29,600 *	48.9	136.9	28,200 *	50.4	134.3	23,000 *
140	40	140	42.5	127.7	28,100 *	44.3	126.3	26,600 *	45.7	123.4	22,100 *
140	40	150	37.4	115.3	26,600	39.2	113.7	25,300 *			
140	40	160	31.7	100.2	24,200						
140	50	35	81.8	196.9	32,000 *						
140	50	40	80.3	196.0	32,000 *						
140	50	50	77.2	193.8	32,000 *	79.7	192.6	31,400 *			
140	50	60	74.1	191.0	32,000 *	76.6	189.8	30,600 *	78.9	187.5	28,600 *
140	50	70	71.0	187.6	31,700 *	73.4	186.4	29,800 *	75.7	184.0	26,200 *
140	50	80	67.7	183.5	30,900 *	70.2	182.3	29,200 *	72.4	179.9	24,300 *
140	50	90	64.5	178.8	30,100 *	66.9	177.6	28,900 *	69.1	175.1	22,600 *
140	50	100	61.1	173.4	29,300 *	63.4	172.1	27,600 *	65.6	169.5	21,200 *
140	50	110	57.5	167.2	27,900 *	59.9	165.8	25,600 *	62.0	163.1	20,000 *
140	50	120	53.9	160.0	26,200 *	56.2	158.6	23,900 *	58.2	155.8	19,000 *
140	50	130	50.0	151.8	24,600 *	52.3	150.3	22,400 *	54.2	147.3	18,100 *
140	50	140	45.9	142.4	23,200 *	48.2	140.8	21,100 *	50.0	137.5	17,400 *
140	50	150	41.5	131.4	22,000 *	43.7	129.7	20,100 *	45.4	126.2	16,700 *
140	50	160	36.6	118.5	20,900 *	38.8	116.6	19,100 *			
140	50	170	31.1	102.9	19,900 *						
140	60	40	81.0	206.2	26,900 *						
140	60	50	78.1	204.1	26,600 *	81.0	202.7	25,900 *			
140	60	60	75.2	201.4	26,400 *	78.0	200.1	25,300 *	80.7	197.4	23,600 *
140	60	70	72.2	198.2	26,200 *	75.0	196.8	24,600 *	77.7	194.1	21,700 *

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+AB Ctwt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the Crane Rating Manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
140	60	80	69.2	194.4	25,500 *	72.0	193.0	23,900 *	74.6	190.2	20,000 *
140	60	90	66.1	190.0	24,800 *	68.8	188.5	23,500 *	71.4	185.7	18,700 *
140	60	100	62.9	184.9	24,100 *	65.6	183.4	22,900 *	68.1	180.5	17,500 *
140	60	110	59.6	179.0	23,600 *	62.3	177.5	21,200 *	64.8	174.5	16,500 *
140	60	120	56.2	172.4	22,300 *	58.9	170.8	19,800 *	61.3	167.7	15,600 *
140	60	130	52.6	164.8	21,000 *	55.3	163.2	18,600 *	57.6	159.9	14,900 *
140	60	140	48.9	156.2	19,700 *	51.5	154.5	17,500 *	53.7	151.0	14,200 *
140	60	150	44.9	146.4	18,600 *	47.5	144.5	16,600 *	49.6	140.8	13,600 *
140	60	160	40.6	135.0	17,500 *	43.1	133.0	15,800 *	45.1	128.8	13,200 *
140	60	170	35.9	121.6	16,700 *	38.3	119.4	15,100 *			
140	60	180	30.5	105.5	15,900 *						
140	70	40	81.7	216.3	21,900 *						
140	70	50	78.9	214.3	21,500 *						
140	70	60	76.1	211.8	21,100 *	79.3	210.3	19,900 *			
140	70	70	73.3	208.7	20,600 *	76.4	207.2	19,300 *	79.4	204.2	18,000 *
140	70	80	70.4	205.1	20,100 *	73.6	203.6	18,800 *	76.5	200.6	17,000 *
140	70	90	67.5	201.0	19,500 *	70.6	199.4	18,200 *	73.5	196.3	15,800 *
140	70	100	64.5	196.2	19,000 *	67.6	194.5	17,700 *	70.4	191.3	14,800 *
140	70	110	61.4	190.7	18,400 *	64.5	189.0	17,300 *	67.3	185.7	13,900 *
140	70	120	58.2	184.5	17,900 *	61.3	182.8	16,700 *	64.0	179.3	13,200 *
140	70	130	54.9	177.5	17,300 *	57.9	175.7	15,800 *	60.6	172.1	12,500 *
140	70	140	51.5	169.5	16,800 *	54.5	167.7	14,900 *	57.0	163.9	11,900 *
140	70	150	47.9	160.5	16,000 *	50.8	158.6	14,000 *	53.3	154.6	11,400 *
140	70	160	44.0	150.3	15,100 *	46.9	148.2	13,300 *	49.2	143.9	11,000 *
140	70	170	39.8	138.5	14,200 *	42.6	136.2	12,700 *			
140	70	180	35.2	124.7	13,500 *	37.9	122.1	12,200 *			
140	70	190	30.0	108.0	12,900 *						
140	80	50	79.6	224.5	17,600 *						
140	80	60	77.0	222.1	17,200 *	80.5	220.5	16,100 *			
140	80	70	74.3	219.2	16,800 *	77.8	217.6	15,600 *	81.1	214.3	14,300 *
140	80	80	71.6	215.8	16,400 *	75.0	214.1	15,100 *	78.3	210.8	14,000 *
140	80	90	68.8	211.8	15,800 *	72.2	210.2	14,500 *	75.4	206.8	13,600 *
140	80	100	66.0	207.3	15,200 *	69.4	205.6	14,100 *	72.5	202.1	12,700 *
140	80	110	63.1	202.1	14,700 *	66.4	200.4	13,800 *	69.5	196.8	11,900 *
140	80	120	60.1	196.3	14,200 *	63.4	194.5	13,500 *	66.5	190.8	11,300 *
140	80	130	57.0	189.8	13,900 *	60.3	187.9	13,100 *	63.3	184.1	10,700 *
140	80	140	53.8	182.4	13,500 *	57.1	180.4	12,800 *	60.0	176.4	10,100 *
140	80	150	50.4	174.1	13,100 *	53.7	172.0	12,100 *	56.5	167.8	9,700 *
140	80	160	46.9	164.7	12,700 *	50.1	162.5	11,500 *	52.8	158.1	9,300 *
140	80	170	43.1	154.1	12,300 *	46.3	151.7	10,900 *	48.9	146.9	8,900 *
140	80	180	39.1	141.9	11,700 *	42.1	139.3	10,400 *			
140	80	190	34.6	127.6	11,100 *	37.5	124.7	10,000 *			
140	80	200	29.5	110.4	10,600 *						
140	90	50	80.3	234.7	13,700 *						
140	90	60	77.8	232.4	13,300 *	81.5	230.7	12,400 *			
140	90	70	75.2	229.7	12,900 *	78.9	227.9	11,800 *			
140	90	80	72.6	226.4	12,500 *	76.3	224.6	11,300 *	79.9	221.1	10,300 *
140	90	90	70.0	222.7	12,000 *	73.7	220.8	10,800 *	77.2	217.2	10,100 *

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+AB Cttwt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the Crane Rating Manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
140	90	100	67.3	218.3	11,500 *	71.0	216.5	10,400 *	74.4	212.8	9,900 *
140	90	110	64.5	213.5	11,000 *	68.2	211.6	10,200 *	71.6	207.8	9,700 *
140	90	120	61.7	208.0	10,400 *	65.3	206.0	10,000 *	68.7	202.1	9,500 *
140	90	130	58.8	201.8	10,200 *	62.4	199.8	9,800 *	65.7	195.8	9,200 *
140	90	140	55.8	194.9	10,000 *	59.4	192.8	9,600 *	62.6	188.7	8,700 *
140	90	150	52.7	187.2	9,800 *	56.2	185.0	9,400 *	59.4	180.7	8,300 *
140	90	160	49.5	178.5	9,600 *	52.9	176.3	9,100 *	56.0	171.7	7,900 *
140	90	170	46.0	168.8	9,400 *	49.4	166.4	8,900 *	52.4	161.5	7,600 *
140	90	180	42.3	157.8	9,100 *	45.7	155.2	8,500 *	48.5	149.9	6,900 *
140	90	190	38.4	145.2	8,800 *	41.7	142.3	8,100 *			
140	90	200	34.0	130.5	8,300 *	37.2	127.3	7,700 *			
140	90	210	29.0	112.8	7,800 *						
140	100	50	80.9	244.9	9,800 *						
140	100	60	78.5	242.7	9,400 *						
140	100	70	76.0	240.1	9,100 *	80.0	238.2	8,300 *			
140	100	80	73.6	237.0	8,700 *	77.5	235.1	8,000 *	81.3	231.3	7,400 *
140	100	90	71.1	233.4	8,400 *	75.0	231.5	7,800 *	78.8	227.6	7,200 *
140	100	100	68.5	229.3	8,100 *	72.4	227.3	7,500 *	76.1	223.4	7,100 *
140	100	110	65.9	224.6	7,800 *	69.8	222.7	7,300 *	73.5	218.7	6,900 *
140	100	120	63.2	219.4	7,600 *	67.1	217.4	7,100 *	70.7	213.3	6,700 *
140	100	130	60.5	213.6	7,300 *	64.3	211.5	6,900 *	67.9	207.3	6,500 *
140	100	140	57.7	207.1	7,200 *	61.5	205.0	6,700 *	65.0	200.6	6,300 *
140	100	150	54.7	199.9	7,000 *	58.5	197.6	6,500 *	62.0	193.1	6,100 *
140	100	160	51.7	191.8	6,700 *	55.5	189.5	6,300 *	58.8	184.8	5,800 *
140	100	170	48.5	182.9	6,500 *	52.2	180.4	6,100 *	55.5	175.4	5,300 *
140	100	180	45.2	172.8	6,300 *	48.8	170.2	5,800 *	52.0	164.9	4,900 *
140	100	190	41.6	161.4	6,100 *	45.2	158.6	5,300 *	48.2	152.9	4,400 *
140	100	200	37.7	148.4	5,600 *	41.2	145.3	4,800 *			
140	100	210	33.4	133.3	5,100 *	36.8	129.8	4,200 *			
140	100	220	28.5	115.2	4,400 *						
150	30	35	80.8	186.8	40,000 *						
150	30	40	79.2	185.9	40,000 *	80.7	185.1	40,000 *			
150	30	50	75.9	183.5	40,000 *	77.5	182.7	40,000 *	79.0	181.1	40,000 *
150	30	60	72.7	180.5	40,000 *	74.2	179.7	40,000 *	75.6	178.1	40,000 *
150	30	70	69.3	176.9	40,000 *	70.9	176.1	40,000 *	72.2	174.5	39,700 *
150	30	80	65.9	172.6	40,000 *	67.4	171.8	40,000 *	68.8	170.1	37,100 *
150	30	90	62.4	167.6	40,000 *	63.9	166.7	40,000 *	65.2	165.0	36,700 *
150	30	100	58.7	161.8	40,000 *	60.2	160.9	40,000 *	61.5	159.1	36,700 *
150	30	110	55.0	155.0	40,000 *	56.4	154.1	38,100 *	57.6	152.2	35,200 *
150	30	120	51.0	147.3	36,000	52.4	146.3	36,100	53.6	144.3	33,500 *
150	30	130	46.7	138.3	32,100	48.1	137.2	32,200	49.3	135.1	32,100 *
150	30	140	42.2	127.8	28,800	43.5	126.6	28,800			
150	30	150	37.2	115.4	25,900	38.5	114.1	26,000			
150	30	160	31.5	100.3	23,500						
150	40	35	81.5	196.9	36,000 *						
150	40	40	80.0	196.0	36,000 *						
150	40	50	76.9	193.8	36,000 *	78.9	192.8	35,600 *	80.8	190.8	34,600 *
150	40	60	73.8	191.0	36,000 *	75.8	190.0	35,100 *	77.7	188.0	34,400 *

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+AB Cttw 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the Crane Rating Manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
150	40	70	70.7	187.6	35,800 *	72.7	186.6	34,700 *	74.5	184.5	33,800 *
150	40	80	67.5	183.6	35,400 *	69.4	182.5	34,500 *	71.2	180.4	31,300 *
150	40	90	64.2	178.9	34,900 *	66.1	177.8	34,300 *	67.8	175.6	29,300 *
150	40	100	60.8	173.4	34,600 *	62.7	172.3	33,900 *	64.4	170.1	27,500 *
150	40	110	57.3	167.2	33,100 *	59.2	166.0	32,100 *	60.8	163.7	26,000 *
150	40	120	53.6	160.0	31,200 *	55.5	158.8	30,600 *	57.0	156.4	24,700 *
150	40	130	49.8	151.8	29,500 *	51.6	150.5	29,000 *	53.1	148.0	23,600 *
150	40	140	45.7	142.4	28,000 *	47.4	141.0	27,600 *	48.9	138.3	22,700 *
150	40	150	41.3	131.5	26,300	43.0	130.0	26,200 *			
150	40	160	36.4	118.6	23,800	38.0	116.9	23,900			
150	40	170	30.9	102.9	21,700						
150	50	40	80.7	206.2	32,000 *						
150	50	50	77.8	204.1	32,000 *	80.2	202.9	31,500 *			
150	50	60	74.9	201.4	32,000 *	77.3	200.2	30,800 *	79.5	197.9	29,000 *
150	50	70	71.9	198.2	31,900 *	74.3	197.0	30,000 *	76.5	194.6	26,700 *
150	50	80	68.9	194.4	31,200 *	71.2	193.2	29,400 *	73.4	190.7	24,800 *
150	50	90	65.8	190.0	30,400 *	68.1	188.7	29,000 *	70.2	186.2	23,100 *
150	50	100	62.6	184.9	29,600 *	64.9	183.6	28,600 *	67.0	181.0	21,700 *
150	50	110	59.4	179.1	27,900 *	61.6	177.7	26,500 *	63.6	175.0	20,500 *
150	50	120	56.0	172.4	26,200 *	58.2	171.0	24,700 *	60.1	168.2	19,500 *
150	50	130	52.4	164.9	24,600 *	54.6	163.4	23,200 *	56.5	160.5	18,600 *
150	50	140	48.7	156.3	23,200 *	50.8	154.7	21,900 *	52.6	151.6	17,800 *
150	50	150	44.7	146.4	22,000 *	46.8	144.7	20,800 *	48.5	141.4	17,100 *
150	50	160	40.4	135.0	20,800 *	42.5	133.2	19,800 *			
150	50	170	35.7	121.7	19,800 *	37.6	119.6	18,900 *			
150	50	180	30.3	105.5	18,900 *						
150	60	40	81.4	216.3	26,900 *						
150	60	50	78.7	214.3	26,700 *	81.4	213.0	26,000 *			
150	60	60	75.9	211.8	26,500 *	78.6	210.4	25,400 *	81.2	207.7	23,800 *
150	60	70	73.1	208.7	26,200 *	75.8	207.4	24,800 *	78.3	204.6	22,000 *
150	60	80	70.2	205.2	25,800 *	72.9	203.7	24,100 *	75.4	201.0	20,400 *
150	60	90	67.3	201.0	25,100 *	69.9	199.5	23,700 *	72.4	196.7	19,000 *
150	60	100	64.3	196.2	24,400 *	66.9	194.7	23,300 *	69.3	191.8	17,900 *
150	60	110	61.2	190.7	23,800 *	63.8	189.2	21,900 *	66.1	186.2	16,900 *
150	60	120	58.0	184.5	22,400 *	60.6	182.9	20,500 *	62.9	179.8	16,000 *
150	60	130	54.7	177.5	21,000 *	57.3	175.8	19,200 *	59.5	172.6	15,200 *
150	60	140	51.3	169.6	19,700 *	53.8	167.8	18,100 *	55.9	164.4	14,500 *
150	60	150	47.6	160.6	18,500 *	50.1	158.7	17,100 *	52.2	155.1	13,900 *
150	60	160	43.8	150.3	17,500 *	46.2	148.4	16,300 *	48.2	144.4	13,500 *
150	60	170	39.6	138.5	16,600 *	42.0	136.4	15,600 *			
150	60	180	35.0	124.7	15,800 *	37.3	122.3	14,900 *			
150	60	190	29.7	108.0	15,000 *						
150	70	50	79.4	224.5	21,600 *						
150	70	60	76.8	222.1	21,200 *	79.8	220.6	20,000 *			
150	70	70	74.1	219.2	20,800 *	77.1	217.7	19,500 *	79.9	214.7	18,100 *
150	70	80	71.3	215.8	20,300 *	74.3	214.3	18,900 *	77.2	211.2	17,300 *
150	70	90	68.6	211.9	19,800 *	71.5	210.3	18,400 *	74.3	207.1	16,100 *
150	70	100	65.7	207.3	19,200 *	68.7	205.7	17,900 *	71.4	202.5	15,100 *

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+AB Cttwt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the Crane Rating Manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
150	70	110	62.8	202.2	18,600 *	65.8	200.5	17,500 *	68.4	197.2	14,200 *
150	70	120	59.9	196.3	18,100 *	62.8	194.6	17,000 *	65.4	191.2	13,400 *
150	70	130	56.8	189.8	17,600 *	59.6	188.0	16,300 *	62.2	184.4	12,800 *
150	70	140	53.6	182.4	17,000 *	56.4	180.6	15,300 *	58.9	176.8	12,200 *
150	70	150	50.2	174.1	16,000 *	53.0	172.2	14,500 *	55.4	168.3	11,700 *
150	70	160	46.7	164.7	15,000 *	49.4	162.7	13,800 *	51.8	158.5	11,200 *
150	70	170	42.9	154.1	14,200 *	45.6	151.9	13,100 *	47.8	147.4	10,800 *
150	70	180	38.9	141.9	13,400 *	41.5	139.5	12,600 *			
150	70	190	34.4	127.6	12,800 *	36.9	124.9	12,100 *			
150	70	200	29.2	110.5	12,200 *						
150	80	50	80.1	234.7	17,700 *						
150	80	60	77.6	232.4	17,300 *	80.9	230.8	16,200 *			
150	80	70	75.0	229.7	16,900 *	78.3	228.0	15,700 *	81.5	224.7	14,400 *
150	80	80	72.4	226.4	16,500 *	75.7	224.7	15,200 *	78.8	221.4	14,100 *
150	80	90	69.8	222.7	16,000 *	73.0	220.9	14,700 *	76.1	217.5	13,800 *
150	80	100	67.1	218.4	15,500 *	70.3	216.6	14,300 *	73.4	213.1	12,900 *
150	80	110	64.3	213.5	14,900 *	67.6	211.7	13,900 *	70.5	208.1	12,200 *
150	80	120	61.5	208.0	14,400 *	64.7	206.1	13,600 *	67.6	202.4	11,500 *
150	80	130	58.6	201.8	14,100 *	61.8	199.9	13,300 *	64.7	196.1	10,900 *
150	80	140	55.6	194.9	13,700 *	58.8	192.9	12,900 *	61.6	189.0	10,400 *
150	80	150	52.5	187.2	13,400 *	55.6	185.1	12,500 *	58.3	181.0	9,900 *
150	80	160	49.2	178.5	13,000 *	52.3	176.4	11,900 *	55.0	172.0	9,500 *
150	80	170	45.8	168.8	12,300 *	48.8	166.5	11,300 *	51.4	161.9	9,100 *
150	80	180	42.1	157.8	11,600 *	45.1	155.3	10,800 *	47.5	150.3	8,500 *
150	80	190	38.2	145.2	11,000 *	41.0	142.5	10,300 *			
150	80	200	33.8	130.5	10,500 *	36.6	127.5	9,900 *			
150	80	210	28.8	112.9	10,000 *						
150	90	50	80.7	244.9	13,800 *						
150	90	60	78.3	242.7	13,400 *	81.9	241.0	12,400 *			
150	90	70	75.8	240.1	13,000 *	79.4	238.3	11,900 *			
150	90	80	73.4	237.0	12,700 *	76.9	235.2	11,400 *	80.3	231.6	10,300 *
150	90	90	70.8	233.4	12,200 *	74.4	231.5	10,900 *	77.7	227.9	10,200 *
150	90	100	68.3	229.3	11,700 *	71.8	227.4	10,400 *	75.1	223.7	10,000 *
150	90	110	65.7	224.7	11,200 *	69.2	222.7	10,300 *	72.4	218.9	9,800 *
150	90	120	63.0	219.5	10,700 *	66.5	217.5	10,100 *	69.7	213.6	9,600 *
150	90	130	60.3	213.6	10,300 *	63.7	211.6	9,900 *	66.9	207.6	9,400 *
150	90	140	57.5	207.1	10,100 *	60.9	205.0	9,700 *	64.0	200.9	8,900 *
150	90	150	54.5	199.9	9,900 *	57.9	197.7	9,500 *	61.0	193.4	8,500 *
150	90	160	51.5	191.9	9,700 *	54.9	189.6	9,300 *	57.8	185.1	8,000 *
150	90	170	48.3	182.9	9,500 *	51.6	180.5	9,100 *	54.5	175.7	7,300 *
150	90	180	45.0	172.8	9,300 *	48.2	170.3	8,800 *	51.0	165.2	6,700 *
150	90	190	41.4	161.4	9,000 *	44.6	158.7	8,400 *	47.2	153.2	6,300 *
150	90	200	37.5	148.4	8,700 *	40.6	145.5	8,000 *			
150	90	210	33.2	133.3	8,300 *	36.2	130.0	7,600 *			
150	90	220	28.3	115.2	7,800 *						
150	100	50	81.3	255.1	9,800 *						
150	100	60	79.0	253.0	9,500 *						
150	100	70	76.6	250.5	9,100 *	80.5	248.6	8,300 *			

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+AB Cttw 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the Crane Rating Manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
150	100	80	74.2	247.5	8,800 *	78.1	245.6	8,100 *	81.7	241.7	7,400 *
150	100	90	71.8	244.1	8,400 *	75.6	242.1	7,800 *	79.3	238.2	7,300 *
150	100	100	69.4	240.1	8,200 *	73.2	238.2	7,600 *	76.8	234.2	7,100 *
150	100	110	66.9	235.7	7,900 *	70.7	233.7	7,400 *	74.2	229.7	6,900 *
150	100	120	64.4	230.8	7,700 *	68.1	228.7	7,200 *	71.6	224.6	6,700 *
150	100	130	61.8	225.3	7,400 *	65.5	223.1	7,000 *	68.9	218.9	6,600 *
150	100	140	59.1	219.1	7,300 *	62.8	216.9	6,800 *	66.2	212.6	6,400 *
150	100	150	56.4	212.3	7,100 *	60.0	210.1	6,600 *	63.3	205.5	6,200 *
150	100	160	53.5	204.8	6,900 *	57.1	202.4	6,400 *	60.4	197.7	6,000 *
150	100	170	50.6	196.4	6,700 *	54.1	194.0	6,200 *	57.3	189.0	5,600 *
150	100	180	47.5	187.1	6,500 *	51.0	184.5	6,000 *	54.1	179.3	5,200 *
150	100	190	44.2	176.7	6,200 *	47.7	173.9	5,600 *	50.6	168.4	4,700 *
150	100	200	40.7	164.9	6,000 *	44.1	162.0	5,200 *	46.9	156.0	4,200 *
150	100	210	36.9	151.6	5,500 *	40.2	148.3	4,600 *			
150	100	220	32.7	136.1	5,000 *	35.9	132.4	4,100 *			
150	100	230	27.9	117.5	4,300 *						
160	30	35	81.3	197.0	40,000 *						
160	30	40	79.7	196.1	40,000 *	81.2	195.3	40,000 *			
160	30	50	76.7	193.8	40,000 *	78.2	193.0	40,000 *	79.6	191.5	40,000 *
160	30	60	73.6	191.0	40,000 *	75.1	190.2	40,000 *	76.4	188.6	40,000 *
160	30	70	70.4	187.6	40,000 *	71.9	186.8	40,000 *	73.2	185.2	40,000 *
160	30	80	67.2	183.6	40,000 *	68.7	182.8	40,000 *	70.0	181.1	37,900 *
160	30	90	63.9	178.9	40,000 *	65.4	178.0	40,000 *	66.6	176.3	36,600 *
160	30	100	60.5	173.5	40,000 *	62.0	172.6	40,000 *	63.2	170.8	36,600 *
160	30	110	57.0	167.2	40,000 *	58.4	166.3	39,500 *	59.6	164.4	36,200 *
160	30	120	53.4	160.1	35,600	54.7	159.1	35,900	55.9	157.2	34,400 *
160	30	130	49.5	151.9	31,700	50.9	150.8	31,900	52.0	148.8	32,100
160	30	140	45.4	142.4	28,400	46.7	141.3	28,500	47.8	139.2	28,700
160	30	150	41.0	131.5	25,600	42.3	130.3	25,700			
160	30	160	36.1	118.6	23,200	37.4	117.3	23,200			
160	30	170	30.6	103.0	21,000						
160	40	35	81.9	207.1	36,000 *						
160	40	40	80.5	206.2	36,000 *						
160	40	50	77.6	204.1	36,000 *	79.5	203.1	35,600 *	81.3	201.1	34,600 *
160	40	60	74.7	201.4	36,000 *	76.6	200.4	35,200 *	78.3	198.4	34,400 *
160	40	70	71.7	198.2	35,900 *	73.6	197.2	34,900 *	75.3	195.1	34,300 *
160	40	80	68.7	194.4	35,500 *	70.5	193.4	34,600 *	72.2	191.3	32,000 *
160	40	90	65.6	190.0	35,100 *	67.4	188.9	34,400 *	69.0	186.8	30,000 *
160	40	100	62.4	184.9	34,700 *	64.2	183.8	33,800 *	65.8	181.6	28,200 *
160	40	110	59.1	179.1	33,000 *	60.9	177.9	32,100 *	62.5	175.6	26,700 *
160	40	120	55.7	172.4	31,200 *	57.5	171.2	30,400 *	59.0	168.9	25,400 *
160	40	130	52.2	164.9	29,500 *	53.9	163.6	28,900 *	55.4	161.1	24,200 *
160	40	140	48.4	156.3	27,900 *	50.1	155.0	27,500 *	51.5	152.3	23,200 *
160	40	150	44.4	146.4	26,000	46.1	145.0	26,100	47.4	142.2	22,400 *
160	40	160	40.2	135.1	23,500	41.8	133.5	23,600			
160	40	170	35.4	121.7	21,400	37.0	120.0	21,400			
160	40	180	30.0	105.5	19,500						
160	50	40	81.2	216.3	32,000 *						

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+AB Cttwt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the Crane Rating Manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
160	50	50	78.4	214.3	32,000 *	80.7	213.1	31,600 *			
160	50	60	75.6	211.8	32,000 *	77.9	210.6	30,900 *	80.0	208.2	29,200 *
160	50	70	72.8	208.8	32,000 *	75.1	207.5	30,200 *	77.1	205.1	27,200 *
160	50	80	70.0	205.2	31,400 *	72.2	203.9	29,500 *	74.2	201.4	25,200 *
160	50	90	67.0	201.0	30,700 *	69.2	199.7	29,100 *	71.2	197.2	23,600 *
160	50	100	64.0	196.2	29,800 *	66.2	194.9	28,600 *	68.2	192.3	22,200 *
160	50	110	61.0	190.7	27,900 *	63.1	189.4	26,900 *	65.0	186.7	21,000 *
160	50	120	57.8	184.5	26,200 *	59.9	183.1	25,400 *	61.8	180.4	19,900 *
160	50	130	54.5	177.5	24,600 *	56.6	176.1	24,000 *	58.4	173.2	19,000 *
160	50	140	51.0	169.6	23,200 *	53.1	168.1	22,600 *	54.9	165.0	18,200 *
160	50	150	47.4	160.6	21,900 *	49.4	159.0	21,500 *	51.1	155.7	17,500 *
160	50	160	43.5	150.3	20,700 *	45.5	148.6	20,400 *	47.1	145.1	16,900 *
160	50	170	39.4	138.5	19,700 *	41.3	136.7	19,500 *			
160	50	180	34.8	124.7	18,700 *	36.6	122.6	18,700 *			
160	50	190	29.5	108.1	17,900 *						
160	60	40	81.8	226.5	26,900 *						
160	60	50	79.2	224.6	26,700 *	81.8	223.2	26,100 *			
160	60	60	76.5	222.2	26,500 *	79.1	220.8	25,500 *	81.6	218.0	23,900 *
160	60	70	73.8	219.3	26,300 *	76.4	217.9	24,900 *	78.8	215.1	22,300 *
160	60	80	71.1	215.8	26,000 *	73.7	214.4	24,300 *	76.1	211.6	20,800 *
160	60	90	68.4	211.9	25,300 *	70.9	210.4	23,800 *	73.2	207.6	19,400 *
160	60	100	65.5	207.3	24,700 *	68.0	205.9	23,400 *	70.3	202.9	18,200 *
160	60	110	62.6	202.2	23,900 *	65.1	200.7	22,600 *	67.4	197.6	17,200 *
160	60	120	59.6	196.4	22,400 *	62.1	194.8	21,100 *	64.3	191.7	16,300 *
160	60	130	56.6	189.8	21,000 *	59.0	188.2	19,800 *	61.1	184.9	15,500 *
160	60	140	53.3	182.4	19,700 *	55.8	180.7	18,700 *	57.9	177.4	14,900 *
160	60	150	50.0	174.1	18,500 *	52.4	172.4	17,700 *	54.4	168.8	14,300 *
160	60	160	46.5	164.8	17,500 *	48.8	162.9	16,800 *	50.7	159.1	13,700 *
160	60	170	42.7	154.1	16,500 *	45.0	152.1	16,000 *	46.8	148.0	13,300 *
160	60	180	38.6	141.9	15,700 *	40.9	139.7	15,400 *			
160	60	190	34.1	127.7	14,900 *	36.3	125.2	14,800 *			
160	60	200	29.0	110.5	14,200 *						
160	70	50	79.9	234.8	21,600 *						
160	70	60	77.3	232.5	21,300 *	80.2	230.9	20,100 *			
160	70	70	74.8	229.7	20,900 *	77.7	228.1	19,600 *	80.4	225.1	18,200 *
160	70	80	72.2	226.4	20,500 *	75.1	224.9	19,100 *	77.7	221.7	17,500 *
160	70	90	69.5	222.7	20,000 *	72.4	221.1	18,500 *	75.1	217.9	16,400 *
160	70	100	66.9	218.4	19,400 *	69.7	216.7	18,100 *	72.3	213.5	15,300 *
160	70	110	64.1	213.5	18,900 *	66.9	211.8	17,600 *	69.5	208.5	14,500 *
160	70	120	61.3	208.0	18,300 *	64.1	206.3	17,200 *	66.6	202.8	13,700 *
160	70	130	58.4	201.8	17,900 *	61.2	200.1	16,700 *	63.6	196.5	13,000 *
160	70	140	55.4	194.9	17,000 *	58.1	193.1	15,800 *	60.5	189.4	12,400 *
160	70	150	52.3	187.2	15,900 *	55.0	185.3	15,000 *	57.3	181.4	11,900 *
160	70	160	49.0	178.6	15,000 *	51.7	176.5	14,200 *	54.0	172.5	11,400 *
160	70	170	45.6	168.8	14,200 *	48.2	166.7	13,500 *	50.4	162.4	11,000 *
160	70	180	41.9	157.8	13,400 *	44.5	155.5	12,900 *	46.5	150.9	10,400 *
160	70	190	37.9	145.2	12,700 *	40.4	142.7	12,400 *			
160	70	200	33.6	130.5	12,100 *	36.0	127.7	12,000 *			
160	70	210	28.6	112.9	11,500 *						

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+AB Ctw 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the Crane Rating Manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom									
			5 Degrees			15 Degrees			25 Degrees			
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	
160	80	50	80.5	244.9	17,700 *							
160	80	60	78.1	242.7	17,400 *	81.3	241.1	16,300 *				
160	80	70	75.6	240.1	17,000 *	78.8	238.4	15,800 *	81.8	235.0	14,400 *	
160	80	80	73.2	237.0	16,600 *	76.3	235.3	15,300 *	79.3	231.9	14,100 *	
160	80	90	70.6	233.4	16,200 *	73.8	231.7	14,800 *	76.7	228.2	13,900 *	
160	80	100	68.1	229.3	15,700 *	71.2	227.5	14,400 *	74.1	224.0	13,200 *	
160	80	110	65.5	224.7	15,100 *	68.6	222.9	14,100 *	71.4	219.2	12,400 *	
160	80	120	62.8	219.5	14,600 *	65.9	217.6	13,800 *	68.7	213.9	11,700 *	
160	80	130	60.1	213.6	14,200 *	63.1	211.7	13,400 *	65.9	207.9	11,100 *	
160	80	140	57.3	207.2	13,900 *	60.3	205.2	13,100 *	63.0	201.2	10,600 *	
160	80	150	54.3	199.9	13,600 *	57.3	197.9	12,800 *	60.0	193.8	10,100 *	
160	80	160	51.3	191.9	13,000 *	54.3	189.7	12,200 *	56.8	185.4	9,600 *	
160	80	170	48.1	182.9	12,300 *	51.0	180.6	11,600 *	53.5	176.1	8,900 *	
160	80	180	44.8	172.8	11,600 *	47.6	170.4	11,100 *	50.0	165.6	8,200 *	
160	80	190	41.2	161.4	11,000 *	44.0	158.9	10,600 *	46.3	153.7	7,500 *	
160	80	200	37.3	148.4	10,400 *	40.0	145.6	10,200 *				
160	80	210	33.0	133.3	9,900 *	35.7	130.2	9,800 *				
160	80	220	28.1	115.2	9,500 *							
160	90	50	81.1	255.1	13,800 *							
160	90	60	78.8	253.0	13,500 *							
160	90	70	76.4	250.5	13,100 *	79.9	248.6	12,000 *				
160	90	80	74.0	247.5	12,800 *	77.5	245.7	11,500 *	80.7	242.0	10,400 *	
160	90	90	71.6	244.1	12,400 *	75.0	242.2	11,100 *	78.3	238.5	10,200 *	
160	90	100	69.2	240.2	11,900 *	72.6	238.2	10,600 *	75.8	234.4	10,000 *	
160	90	110	66.7	235.7	11,400 *	70.1	233.8	10,300 *	73.2	229.9	9,900 *	
160	90	120	64.2	230.8	10,900 *	67.5	228.8	10,100 *	70.6	224.8	9,700 *	
160	90	130	61.6	225.3	10,400 *	64.9	223.2	10,000 *	68.0	219.2	9,500 *	
160	90	140	58.9	219.1	10,200 *	62.2	217.0	9,800 *	65.2	212.8	9,100 *	
160	90	150	56.2	212.3	10,100 *	59.4	210.2	9,600 *	62.4	205.8	8,500 *	
160	90	160	53.3	204.8	9,900 *	56.6	202.5	9,400 *	59.4	198.0	7,700 *	
160	90	170	50.4	196.4	9,700 *	53.6	194.1	9,200 *	56.4	189.3	7,100 *	
160	90	180	47.3	187.1	9,400 *	50.4	184.6	9,000 *	53.1	179.6	6,500 *	
160	90	190	44.0	176.7	9,200 *	47.1	174.1	8,700 *	49.7	168.7	6,000 *	
160	90	200	40.5	165.0	9,000 *	43.5	162.1	8,300 *	46.0	156.4	5,500 *	
160	90	210	36.7	151.6	8,600 *	39.7	148.5	7,800 *				
160	90	220	32.5	136.1	8,200 *	35.4	132.6	7,300 *				
160	90	230	27.7	117.5	7,700 *							
160	100	50	81.6	265.3	9,900 *							
160	100	60	79.4	263.2	9,600 *							
160	100	70	77.1	260.8	9,200 *	80.8	258.9	8,300 *				
160	100	80	74.9	258.0	8,900 *	78.5	256.0	8,100 *				
160	100	90	72.6	254.7	8,500 *	76.2	252.7	7,900 *	79.7	248.7	7,300 *	
160	100	100	70.2	250.9	8,300 *	73.9	248.9	7,600 *	77.3	244.9	7,100 *	
160	100	110	67.9	246.7	8,000 *	71.5	244.7	7,400 *	74.9	240.5	7,000 *	
160	100	120	65.4	242.0	7,800 *	69.0	239.9	7,200 *	72.4	235.7	6,800 *	
160	100	130	63.0	236.8	7,500 *	66.5	234.6	7,100 *	69.9	230.3	6,600 *	
160	100	140	60.4	230.9	7,300 *	64.0	228.7	6,900 *	67.2	224.3	6,400 *	
160	100	150	57.8	224.5	7,200 *	61.4	222.2	6,700 *	64.6	217.7	6,300 *	
160	100	160	55.2	217.4	7,000 *	58.7	215.0	6,500 *	61.8	210.3	6,100 *	

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+AB Cttwt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the Crane Rating Manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
160	100	170	52.4	209.5	6,800 *	55.8	207.1	6,300 *	58.9	202.2	5,700 *
160	100	180	49.5	200.9	6,600 *	52.9	198.3	6,100 *	55.9	193.2	5,200 *
160	100	190	46.5	191.2	6,400 *	49.8	188.5	5,900 *	52.7	183.1	4,800 *
160	100	200	43.2	180.5	6,200 *	46.6	177.6	5,500 *	49.4	171.8	4,500 *
160	100	210	39.8	168.4	5,900 *	43.1	165.3	5,000 *	45.8	159.1	4,100 *
160	100	220	36.1	154.7	5,400 *	39.3	151.3	4,500 *			
160	100	230	32.0	138.8	4,900 *	35.1	135.0	4,000 *			
160	100	240	27.3	119.8	4,300 *						
170	30	35	81.7	207.1	40,000 *						
170	30	40	80.3	206.2	40,000 *	81.7	205.4	40,000 *			
170	30	50	77.4	204.1	40,000 *	78.8	203.3	40,000 *	80.1	201.7	40,000 *
170	30	60	74.4	201.5	40,000 *	75.8	200.7	40,000 *	77.1	199.1	40,000 *
170	30	70	71.5	198.3	40,000 *	72.8	197.4	40,000 *	74.1	195.8	40,000 *
170	30	80	68.4	194.5	40,000 *	69.8	193.6	40,000 *	71.0	192.0	38,700 *
170	30	90	65.3	190.0	40,000 *	66.7	189.2	40,000 *	67.9	187.5	36,400 *
170	30	100	62.1	184.9	40,000 *	63.5	184.1	40,000 *	64.7	182.3	36,600 *
170	30	110	58.9	179.1	39,700	60.2	178.2	40,000 *	61.3	176.4	36,600 *
170	30	120	55.5	172.5	35,300	56.8	171.5	35,600	57.9	169.6	35,300 *
170	30	130	51.9	164.9	31,400	53.2	163.9	31,600	54.3	161.9	31,800
170	30	140	48.2	156.3	28,100	49.4	155.3	28,200	50.5	153.2	28,400
170	30	150	44.2	146.5	25,300	45.4	145.4	25,400	46.4	143.1	25,500
170	30	160	39.9	135.1	22,800	41.1	133.9	22,900			
170	30	170	35.2	121.7	20,700	36.3	120.4	20,700			
170	30	180	29.8	105.6	18,800						
170	40	40	80.9	216.4	36,000 *						
170	40	50	78.2	214.4	36,000 *	80.0	213.3	35,700 *	81.7	211.3	34,600 *
170	40	60	75.4	211.8	36,000 *	77.2	210.8	35,300 *	78.9	208.8	34,500 *
170	40	70	72.6	208.8	36,000 *	74.4	207.8	35,000 *	76.0	205.7	34,300 *
170	40	80	69.7	205.2	35,700 *	71.5	204.1	34,600 *	73.1	202.0	32,700 *
170	40	90	66.8	201.0	35,300 *	68.5	199.9	34,500 *	70.1	197.8	30,600 *
170	40	100	63.8	196.2	34,900 *	65.5	195.1	33,700 *	67.1	192.9	28,800 *
170	40	110	60.7	190.7	32,900 *	62.4	189.6	31,900 *	63.9	187.3	27,300 *
170	40	120	57.6	184.5	31,100 *	59.2	183.4	30,300 *	60.7	181.0	25,900 *
170	40	130	54.3	177.5	29,400 *	55.9	176.3	28,700 *	57.3	173.9	24,800 *
170	40	140	50.8	169.6	27,800 *	52.5	168.3	27,300 *	53.8	165.7	23,800 *
170	40	150	47.2	160.6	25,600	48.8	159.2	25,800	50.1	156.5	22,900 *
170	40	160	43.3	150.4	23,200	44.9	148.9	23,300	46.1	146.0	22,100 *
170	40	170	39.1	138.6	21,000	40.7	137.0	21,100			
170	40	180	34.5	124.8	19,100	36.0	123.0	19,200			
170	40	190	29.3	108.1	17,500						
170	50	40	81.6	226.5	32,000 *						
170	50	50	79.0	224.6	32,000 *	81.1	223.4	31,700 *			
170	50	60	76.3	222.2	32,000 *	78.5	221.0	31,100 *	80.5	218.5	29,300 *
170	50	70	73.6	219.3	32,000 *	75.8	218.0	30,400 *	77.8	215.6	27,600 *
170	50	80	70.9	215.9	31,700 *	73.0	214.6	29,700 *	75.0	212.1	25,700 *
170	50	90	68.1	211.9	31,000 *	70.2	210.6	29,200 *	72.2	208.1	24,100 *
170	50	100	65.3	207.4	29,700 *	67.4	206.1	28,500 *	69.3	203.4	22,700 *
170	50	110	62.4	202.2	27,800 *	64.5	200.9	26,800 *	66.3	198.2	21,500 *

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+AB Cttwt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the Crane Rating Manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
170	50	120	59.4	196.4	26,100 *	61.5	195.0	25,300 *	63.3	192.2	20,400 *
170	50	130	56.3	189.8	24,600 *	58.3	188.4	23,900 *	60.1	185.5	19,400 *
170	50	140	53.1	182.5	23,100 *	55.1	181.0	22,600 *	56.8	178.0	18,600 *
170	50	150	49.8	174.2	21,800 *	51.7	172.6	21,400 *	53.4	169.4	17,900 *
170	50	160	46.2	164.8	20,600 *	48.2	163.1	20,300 *	49.7	159.8	17,300 *
170	50	170	42.5	154.2	19,600 *	44.4	152.4	19,400 *	45.8	148.8	16,700 *
170	50	180	38.4	142.0	18,600 *	40.2	140.0	18,500 *			
170	50	190	33.9	127.7	17,700 *	35.7	125.5	17,700 *			
170	50	200	28.8	110.5	16,200						
170	60	50	79.7	234.8	26,800 *						
170	60	60	77.1	232.5	26,600 *	79.6	231.1	25,600 *	82.0	228.3	23,900 *
170	60	70	74.6	229.7	26,400 *	77.0	228.3	25,100 *	79.4	225.5	22,600 *
170	60	80	72.0	226.5	26,100 *	74.4	225.0	24,500 *	76.7	222.2	21,100 *
170	60	90	69.3	222.7	25,600 *	71.8	221.2	23,900 *	74.0	218.3	19,700 *
170	60	100	66.6	218.4	25,000 *	69.1	216.9	23,500 *	71.3	213.9	18,600 *
170	60	110	63.9	213.5	23,900 *	66.3	212.0	23,000 *	68.5	208.9	17,500 *
170	60	120	61.1	208.0	22,400 *	63.5	206.4	21,600 *	65.6	203.3	16,700 *
170	60	130	58.2	201.8	20,900 *	60.5	200.2	20,300 *	62.6	197.0	15,900 *
170	60	140	55.2	195.0	19,700 *	57.5	193.3	19,200 *	59.5	189.9	15,200 *
170	60	150	52.1	187.2	18,500 *	54.4	185.5	18,100 *	56.3	182.0	14,600 *
170	60	160	48.8	178.6	17,400 *	51.1	176.8	17,100 *	53.0	173.1	14,000 *
170	60	170	45.4	168.9	16,500 *	47.6	166.9	16,300 *	49.4	163.0	13,600 *
170	60	180	41.7	157.9	15,600 *	43.9	155.8	15,500 *	45.6	151.5	12,800 *
170	60	190	37.7	145.2	14,800 *	39.8	143.0	14,700 *			
170	60	200	33.3	130.6	14,100 *	35.4	128.0	14,100 *			
170	60	210	28.3	112.9	13,500 *						
170	70	50	80.3	244.9	21,700 *						
170	70	60	77.9	242.8	21,300 *	80.7	241.2	20,200 *			
170	70	70	75.4	240.1	21,000 *	78.2	238.5	19,700 *	80.8	235.4	18,300 *
170	70	80	72.9	237.0	20,600 *	75.7	235.4	19,200 *	78.3	232.2	17,700 *
170	70	90	70.4	233.4	20,100 *	73.2	231.8	18,700 *	75.7	228.6	16,600 *
170	70	100	67.9	229.3	19,600 *	70.6	227.7	18,200 *	73.1	224.4	15,600 *
170	70	110	65.3	224.7	19,100 *	68.0	223.0	17,800 *	70.4	219.6	14,700 *
170	70	120	62.6	219.5	18,600 *	65.3	217.8	17,400 *	67.7	214.3	14,000 *
170	70	130	59.9	213.7	18,100 *	62.5	211.9	16,900 *	64.9	208.3	13,300 *
170	70	140	57.0	207.2	16,900 *	59.7	205.3	16,300 *	62.0	201.7	12,700 *
170	70	150	54.1	199.9	15,900 *	56.7	198.0	15,400 *	59.0	194.2	12,100 *
170	70	160	51.1	191.9	15,000 *	53.7	189.9	14,600 *	55.9	185.9	11,700 *
170	70	170	47.9	182.9	14,100 *	50.4	180.8	13,900 *	52.6	176.6	10,800 *
170	70	180	44.6	172.8	13,300 *	47.0	170.6	13,200 *	49.1	166.1	10,000 *
170	70	190	41.0	161.5	12,600 *	43.4	159.1	12,500 *	45.3	154.3	9,200 *
170	70	200	37.1	148.5	12,000 *	39.5	145.9	12,000 *			
170	70	210	32.8	133.4	11,400 *	35.1	130.4	11,400 *			
170	70	220	27.9	115.3	10,900 *						
170	80	50	80.9	255.1	17,800 *						
170	80	60	78.6	253.0	17,400 *	81.6	251.3	16,400 *			
170	80	70	76.2	250.5	17,100 *	79.3	248.8	15,900 *			
170	80	80	73.8	247.5	16,700 *	76.9	245.8	15,400 *	79.8	242.3	14,200 *

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+AB Ctw 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the Crane Rating Manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
170	80	90	71.4	244.1	16,300 *	74.5	242.3	14,900 *	77.3	238.8	13,900 *
170	80	100	69.0	240.2	15,900 *	72.0	238.4	14,500 *	74.8	234.8	13,300 *
170	80	110	66.5	235.8	15,400 *	69.5	233.9	14,200 *	72.3	230.3	12,600 *
170	80	120	64.0	230.8	14,800 *	66.9	228.9	13,900 *	69.7	225.2	11,900 *
170	80	130	61.4	225.3	14,400 *	64.3	223.4	13,600 *	67.0	219.5	11,300 *
170	80	140	58.7	219.2	14,100 *	61.6	217.2	13,300 *	64.3	213.2	10,800 *
170	80	150	56.0	212.4	13,800 *	58.9	210.3	13,000 *	61.4	206.2	10,300 *
170	80	160	53.1	204.8	13,000 *	56.0	202.7	12,600 *	58.5	198.4	9,300 *
170	80	170	50.2	196.4	12,300 *	53.0	194.2	11,900 *	55.4	189.8	8,600 *
170	80	180	47.1	187.1	11,600 *	49.8	184.8	11,400 *	52.2	180.1	7,900 *
170	80	190	43.8	176.7	10,900 *	46.5	174.2	10,800 *	48.8	169.2	7,200 *
170	80	200	40.3	165.0	10,400 *	43.0	162.3	10,200 *	45.1	156.9	6,700 *
170	80	210	36.5	151.6	9,900 *	39.1	148.7	9,500 *			
170	80	220	32.3	136.1	9,400 *						
170	80	230	27.5	117.5	9,000 *						
170	90	50	81.4	265.3	13,900 *						
170	90	60	79.2	263.3	13,500 *						
170	90	70	76.9	260.8	13,200 *	80.3	259.0	12,100 *			
170	90	80	74.7	258.0	12,900 *	78.0	256.1	11,600 *	81.1	252.3	10,400 *
170	90	90	72.4	254.7	12,500 *	75.7	252.8	11,200 *	78.8	249.0	10,200 *
170	90	100	70.0	250.9	12,100 *	73.3	249.0	10,700 *	76.4	245.2	10,100 *
170	90	110	67.7	246.7	11,600 *	70.9	244.8	10,400 *	73.9	240.8	9,900 *
170	90	120	65.3	242.0	11,100 *	68.5	240.0	10,200 *	71.5	236.0	9,700 *
170	90	130	62.8	236.8	10,600 *	66.0	234.7	10,000 *	68.9	230.6	9,600 *
170	90	140	60.3	230.9	10,300 *	63.4	228.8	9,900 *	66.3	224.6	9,100 *
170	90	150	57.7	224.5	10,200 *	60.8	222.3	9,700 *	63.6	218.0	8,200 *
170	90	160	55.0	217.4	10,000 *	58.1	215.2	9,500 *	60.9	210.7	7,600 *
170	90	170	52.2	209.6	9,800 *	55.3	207.2	9,300 *	58.0	202.5	6,900 *
170	90	180	49.3	200.9	9,600 *	52.4	198.4	9,100 *	55.0	193.5	6,300 *
170	90	190	46.3	191.2	9,400 *	49.3	188.7	8,600 *	51.8	183.5	5,700 *
170	90	200	43.1	180.5	9,000 *	46.0	177.8	8,200 *	48.5	172.3	5,400 *
170	90	210	39.6	168.4	8,600 *	42.5	165.5	7,500 *			
170	90	220	35.9	154.7	8,200 *	38.8	151.5	7,200 *			
170	90	230	31.8	138.8	7,800 *						
170	90	240	27.1	119.8	7,500 *						
170	100	50	81.9	275.4	9,900 *						
170	100	60	79.8	273.5	9,600 *						
170	100	70	77.6	271.1	9,300 *	81.2	269.1	8,400 *			
170	100	80	75.4	268.4	9,000 *	79.0	266.4	8,100 *			
170	100	90	73.2	265.2	8,600 *	76.8	263.2	7,900 *	80.1	259.2	7,300 *
170	100	100	71.0	261.7	8,300 *	74.5	259.6	7,700 *	77.8	255.5	7,200 *
170	100	110	68.7	257.6	8,100 *	72.2	255.5	7,500 *	75.5	251.4	7,000 *
170	100	120	66.4	253.1	7,900 *	69.9	251.0	7,300 *	73.1	246.7	6,800 *
170	100	130	64.1	248.1	7,700 *	67.5	245.9	7,100 *	70.7	241.6	6,700 *
170	100	140	61.7	242.6	7,400 *	65.1	240.3	7,000 *	68.2	235.9	6,500 *
170	100	150	59.2	236.5	7,300 *	62.6	234.2	6,800 *	65.7	229.6	6,300 *
170	100	160	56.6	229.7	7,100 *	60.0	227.4	6,600 *	63.1	222.7	6,100 *
170	100	170	54.0	222.3	6,900 *	57.4	219.9	6,500 *	60.4	215.0	5,600 *
170	100	180	51.3	214.2	6,700 *	54.6	211.7	6,300 *	57.5	206.6	5,100 *

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+AB Ctw 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the Crane Rating Manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
170	100	190	48.5	205.2	6,500 *	51.8	202.6	6,100 *	54.6	197.2	4,700 *
170	100	200	45.5	195.3	6,300 *	48.7	192.5	5,800 *	51.5	186.8	4,300 *
170	100	210	42.4	184.2	6,100 *	45.6	181.2	5,400 *	48.2	175.2	3,900 *
170	100	220	39.0	171.8	5,800 *	42.1	168.6	4,900 *			
170	100	230	35.4	157.7	5,300 *	38.4	154.2	4,400 *			
170	100	240	31.4	141.4	4,800 *						
170	100	250	26.8	122.0	4,200 *						
180	30	40	80.7	216.4	40,000 *						
180	30	50	78.0	214.4	40,000 *	79.3	213.6	40,000 *	80.6	212.0	40,000 *
180	30	60	75.2	211.9	40,000 *	76.5	211.1	40,000 *	77.8	209.4	40,000 *
180	30	70	72.4	208.8	40,000 *	73.7	208.0	40,000 *	74.9	206.4	40,000 *
180	30	80	69.5	205.2	40,000 *	70.8	204.4	40,000 *	72.0	202.7	39,400 *
180	30	90	66.6	201.0	40,000 *	67.9	200.2	40,000 *	69.0	198.5	37,100 *
180	30	100	63.6	196.2	40,000 *	64.9	195.4	40,000 *	66.0	193.6	36,600 *
180	30	110	60.5	190.8	39,300	61.8	189.9	39,600	62.9	188.1	36,600 *
180	30	120	57.3	184.6	35,000	58.6	183.6	35,200	59.7	181.8	35,600
180	30	130	54.0	177.6	31,000	55.3	176.6	31,300	56.3	174.7	31,500
180	30	140	50.6	169.6	27,700	51.8	168.6	27,900	52.8	166.6	28,100
180	30	150	47.0	160.7	24,900	48.1	159.6	25,000	49.1	157.4	25,200
180	30	160	43.1	150.4	22,500	44.3	149.2	22,600	45.1	146.9	22,700
180	30	170	38.9	138.6	20,300	40.0	137.3	20,400			
180	30	180	34.3	124.8	18,500	35.4	123.4	18,500			
180	30	190	29.1	108.2	16,800						
180	40	40	81.4	226.5	36,000 *						
180	40	50	78.7	224.6	36,000 *	80.5	223.6	35,800 *			
180	40	60	76.1	222.2	36,000 *	77.8	221.2	35,400 *	79.4	219.1	34,500 *
180	40	70	73.4	219.3	36,000 *	75.1	218.3	35,100 *	76.7	216.2	34,400 *
180	40	80	70.7	215.9	35,800 *	72.4	214.8	34,700 *	73.9	212.7	33,300 *
180	40	90	67.9	211.9	35,400 *	69.6	210.8	34,500 *	71.1	208.7	31,200 *
180	40	100	65.1	207.4	35,000 *	66.7	206.3	33,500 *	68.2	204.1	29,400 *
180	40	110	62.2	202.2	32,800 *	63.8	201.1	31,700 *	65.3	198.8	27,900 *
180	40	120	59.2	196.4	30,900 *	60.8	195.2	30,000 *	62.2	192.9	26,500 *
180	40	130	56.1	189.8	29,200 *	57.7	188.6	28,500 *	59.1	186.2	25,300 *
180	40	140	52.9	182.5	27,600 *	54.5	181.2	27,100 *	55.8	178.7	24,300 *
180	40	150	49.6	174.2	25,300	51.1	172.9	25,500	52.4	170.2	23,400 *
180	40	160	46.0	164.8	22,800	47.6	163.4	23,000	48.8	160.6	22,600 *
180	40	170	42.3	154.2	20,700	43.8	152.7	20,800			
180	40	180	38.2	142.0	18,800	39.6	140.3	18,900			
180	40	190	33.7	127.7	17,100	35.1	125.9	17,200			
180	40	200	28.6	110.6	15,600						
180	50	40	82.0	236.6	32,000 *						
180	50	50	79.4	234.8	32,000 *	81.5	233.6	31,800 *			
180	50	60	76.9	232.5	32,000 *	79.0	231.3	31,200 *	80.9	228.8	29,300 *
180	50	70	74.4	229.7	32,000 *	76.4	228.5	30,500 *	78.3	226.0	28,000 *
180	50	80	71.8	226.5	31,900 *	73.8	225.2	29,900 *	75.7	222.7	26,100 *
180	50	90	69.1	222.7	31,200 *	71.1	221.4	29,400 *	73.0	218.9	24,500 *
180	50	100	66.4	218.4	29,600 *	68.4	217.1	28,400 *	70.3	214.5	23,100 *
180	50	110	63.7	213.5	27,700 *	65.7	212.2	26,700 *	67.5	209.5	21,900 *

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+AB Cttwt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the Crane Rating Manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
180	50	120	60.9	208.0	26,000 *	62.8	206.7	25,200 *	64.6	203.9	20,800 *
180	50	130	58.0	201.9	24,500 *	59.9	200.4	23,800 *	61.6	197.6	19,900 *
180	50	140	55.0	195.0	23,000 *	56.9	193.5	22,500 *	58.6	190.6	19,000 *
180	50	150	51.9	187.3	21,700 *	53.8	185.7	21,300 *	55.4	182.6	18,300 *
180	50	160	48.6	178.6	20,500 *	50.5	177.0	20,200 *	52.0	173.8	17,600 *
180	50	170	45.2	168.9	19,400 *	47.0	167.2	19,200 *	48.5	163.7	17,100 *
180	50	180	41.5	157.9	18,500 *	43.3	156.0	18,300 *			
180	50	190	37.5	145.3	17,400 *	39.3	143.3	17,500 *			
180	50	200	33.1	130.6	15,900 *						
180	50	210	28.1	113.0	14,500 *						
180	60	50	80.1	245.0	26,800 *						
180	60	60	77.7	242.8	26,600 *	80.0	241.4	25,700 *			
180	60	70	75.2	240.1	26,400 *	77.6	238.7	25,200 *	79.8	235.9	22,900 *
180	60	80	72.7	237.0	26,200 *	75.1	235.6	24,600 *	77.3	232.7	21,400 *
180	60	90	70.2	233.4	25,800 *	72.6	232.0	24,100 *	74.7	229.0	20,000 *
180	60	100	67.7	229.3	25,200 *	70.0	227.8	23,700 *	72.1	224.9	18,900 *
180	60	110	65.1	224.7	23,800 *	67.4	223.2	22,900 *	69.5	220.1	17,900 *
180	60	120	62.4	219.5	22,300 *	64.7	217.9	21,500 *	66.7	214.8	17,000 *
180	60	130	59.7	213.7	20,900 *	61.9	212.1	20,300 *	63.9	208.9	16,200 *
180	60	140	56.8	207.2	19,600 *	59.1	205.5	19,100 *	61.0	202.2	15,500 *
180	60	150	53.9	200.0	18,400 *	56.1	198.2	18,000 *	58.0	194.8	14,900 *
180	60	160	50.9	191.9	17,400 *	53.1	190.1	17,100 *	54.9	186.5	14,300 *
180	60	170	47.7	182.9	16,400 *	49.9	181.0	16,100 *	51.6	177.2	13,500 *
180	60	180	44.4	172.9	15,500 *	46.5	170.8	15,400 *	48.2	166.8	12,200 *
180	60	190	40.8	161.5	14,700 *	42.8	159.3	14,600 *			
180	60	200	36.9	148.5	14,000 *	38.9	146.1	13,900 *			
180	60	210	32.6	133.4	13,300 *						
180	60	220	27.7	115.3	12,800 *						
180	70	50	80.7	255.1	21,800 *						
180	70	60	78.4	253.0	21,400 *	81.0	251.5	20,300 *			
180	70	70	76.0	250.5	21,100 *	78.7	248.9	19,800 *	81.2	245.7	18,300 *
180	70	80	73.7	247.5	20,700 *	76.3	245.9	19,300 *	78.8	242.7	17,900 *
180	70	90	71.2	244.1	20,300 *	73.9	242.5	18,800 *	76.3	239.2	16,800 *
180	70	100	68.8	240.2	19,800 *	71.4	238.5	18,400 *	73.8	235.2	15,800 *
180	70	110	66.3	235.8	19,300 *	68.9	234.1	18,000 *	71.3	230.7	15,000 *
180	70	120	63.8	230.8	18,800 *	66.4	229.1	17,600 *	68.7	225.6	14,200 *
180	70	130	61.2	225.3	18,000 *	63.8	223.5	17,100 *	66.1	220.0	13,500 *
180	70	140	58.5	219.2	16,900 *	61.1	217.3	16,500 *	63.3	213.7	12,900 *
180	70	150	55.8	212.4	15,900 *	58.3	210.5	15,500 *	60.5	206.7	12,400 *
180	70	160	52.9	204.8	14,900 *	55.4	202.9	14,600 *	57.6	198.9	11,400 *
180	70	170	50.0	196.5	14,100 *	52.4	194.4	13,800 *	54.5	190.3	10,500 *
180	70	180	46.9	187.1	13,300 *	49.3	185.0	13,100 *	51.3	180.6	9,600 *
180	70	190	43.6	176.7	12,600 *	46.0	174.4	12,400 *	47.9	169.8	8,700 *
180	70	200	40.1	165.0	11,900 *	42.4	162.5	11,800 *			
180	70	210	36.3	151.6	11,300 *	38.5	148.9	11,300 *			
180	70	220	32.1	136.1	10,800 *						
180	70	230	27.3	117.6	10,400 *						
180	80	50	81.2	265.3	17,800 *						

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+AB Cttw 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the Crane Rating Manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
180	80	60	79.0	263.3	17,500 *	82.0	261.5	16,400 *			
180	80	70	76.8	260.8	17,200 *	79.7	259.1	16,000 *			
180	80	80	74.5	258.0	16,800 *	77.4	256.2	15,500 *	80.2	252.7	14,200 *
180	80	90	72.2	254.7	16,500 *	75.1	252.9	15,100 *	77.8	249.3	14,000 *
180	80	100	69.9	251.0	16,000 *	72.7	249.1	14,600 *	75.4	245.5	13,500 *
180	80	110	67.5	246.7	15,500 *	70.3	244.9	14,300 *	73.0	241.2	12,800 *
180	80	120	65.1	242.0	15,100 *	67.9	240.1	14,000 *	70.5	236.4	12,100 *
180	80	130	62.6	236.8	14,600 *	65.4	234.8	13,700 *	68.0	231.0	11,500 *
180	80	140	60.1	231.0	14,200 *	62.9	229.0	13,400 *	65.4	225.0	11,000 *
180	80	150	57.5	224.5	13,800 *	60.3	222.5	13,100 *	62.7	218.4	10,000 *
180	80	160	54.8	217.4	13,000 *	57.5	215.3	12,700 *	60.0	211.1	9,000 *
180	80	170	52.0	209.6	12,200 *	54.7	207.4	12,000 *	57.1	203.0	8,300 *
180	80	180	49.1	200.9	11,500 *	51.8	198.6	11,300 *	54.1	194.0	7,600 *
180	80	190	46.1	191.3	10,900 *	48.7	188.8	10,400 *	51.0	184.0	7,000 *
180	80	200	42.9	180.5	10,300 *	45.5	178.0	9,800 *	47.6	172.8	6,400 *
180	80	210	39.4	168.4	9,800 *	42.0	165.7	9,000 *			
180	80	220	35.7	154.7	9,300 *	38.2	151.7	8,500 *			
180	80	230	31.6	138.8	8,900 *						
180	80	240	26.9	119.8	8,500 *						
180	90	50	81.7	275.4	13,900 *						
180	90	60	79.6	273.5	13,600 *						
180	90	70	77.4	271.1	13,300 *	80.6	269.3	12,200 *			
180	90	80	75.3	268.4	12,900 *	78.4	266.5	11,700 *	81.5	262.7	10,400 *
180	90	90	73.0	265.3	12,600 *	76.2	263.3	11,300 *	79.2	259.5	10,300 *
180	90	100	70.8	261.7	12,200 *	74.0	259.7	10,800 *	76.9	255.8	10,100 *
180	90	110	68.5	257.6	11,800 *	71.7	255.6	10,400 *	74.6	251.7	9,900 *
180	90	120	66.2	253.1	11,300 *	69.3	251.1	10,300 *	72.2	247.1	9,800 *
180	90	130	63.9	248.1	10,800 *	67.0	246.1	10,100 *	69.8	241.9	9,600 *
180	90	140	61.5	242.6	10,400 *	64.5	240.5	9,900 *	67.3	236.2	8,900 *
180	90	150	59.0	236.5	10,200 *	62.0	234.3	9,800 *	64.8	229.9	8,100 *
180	90	160	56.5	229.8	10,100 *	59.5	227.5	9,600 *	62.2	223.0	7,300 *
180	90	170	53.8	222.4	9,900 *	56.8	220.0	9,400 *	59.5	215.4	6,600 *
180	90	180	51.1	214.2	9,700 *	54.1	211.8	9,100 *	56.7	207.0	6,200 *
180	90	190	48.3	205.2	9,500 *	51.2	202.7	8,500 *	53.7	197.6	5,600 *
180	90	200	45.3	195.3	9,000 *	48.2	192.6	7,900 *	50.6	187.3	5,100 *
180	90	210	42.2	184.2	8,500 *	45.0	181.4	7,400 *	47.3	175.7	4,800 *
180	90	220	38.8	171.8	8,100 *	41.6	168.8	6,800 *			
180	90	230	35.2	157.7	7,700 *	37.9	154.4	6,400 *			
180	90	240	31.2	141.4	7,400 *						
180	90	250	26.6	122.0	7,100 *						
180	100	60	80.2	283.7	9,700 *						
180	100	70	78.1	281.4	9,400 *	81.5	279.4	8,400 *			
180	100	80	76.0	278.8	9,000 *	79.4	276.8	8,200 *			
180	100	90	73.8	275.8	8,700 *	77.2	273.7	8,000 *	80.5	269.6	7,300 *
180	100	100	71.7	272.3	8,400 *	75.1	270.2	7,800 *	78.3	266.1	7,200 *
180	100	110	69.5	268.5	8,200 *	72.9	266.3	7,500 *	76.1	262.1	7,000 *
180	100	120	67.3	264.1	8,000 *	70.7	262.0	7,400 *	73.8	257.7	6,900 *
180	100	130	65.1	259.4	7,800 *	68.4	257.2	7,200 *	71.5	252.8	6,700 *
180	100	140	62.8	254.1	7,500 *	66.1	251.8	7,000 *	69.1	247.3	6,600 *

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+AB Cttwt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the Crane Rating Manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
180	100	150	60.4	248.2	7,300 *	63.7	245.9	6,900 *	66.7	241.3	6,400 *
180	100	160	58.0	241.9	7,200 *	61.3	239.5	6,700 *	64.2	234.8	5,900 *
180	100	170	55.5	234.9	7,000 *	58.8	232.4	6,500 *	61.7	227.5	5,400 *
180	100	180	53.0	227.2	6,800 *	56.2	224.7	6,400 *	59.0	219.6	5,000 *
180	100	190	50.3	218.7	6,700 *	53.5	216.1	6,200 *	56.3	210.8	4,600 *
180	100	200	47.5	209.5	6,500 *	50.7	206.7	6,000 *	53.4	201.2	4,200 *
180	100	210	44.6	199.2	6,300 *	47.7	196.3	5,600 *	50.3	190.5	3,800 *
180	100	220	41.6	187.9	6,100 *	44.6	184.8	5,200 *	47.1	178.5	3,600 *
180	100	230	38.3	175.1	5,700 *	41.3	171.8	4,800 *			
180	100	240	34.7	160.7	5,200 *	37.6	157.0	4,300 *			
180	100	250	30.8	144.0	4,700 *						
180	100	260	26.2	124.2	4,100 *						
190	30	40	81.1	226.5	40,000 *						
190	30	50	78.5	224.6	40,000 *	79.8	223.8	40,000 *	81.0	222.2	40,000 *
190	30	60	75.9	222.2	40,000 *	77.1	221.4	40,000 *	78.3	219.8	40,000 *
190	30	70	73.2	219.3	40,000 *	74.4	218.5	40,000 *	75.6	216.9	40,000 *
190	30	80	70.5	215.9	40,000 *	71.7	215.1	40,000 *	72.9	213.4	40,000 *
190	30	90	67.7	212.0	40,000 *	68.9	211.1	40,000 *	70.1	209.4	37,800 *
190	30	100	64.9	207.4	40,000 *	66.1	206.5	40,000 *	67.2	204.8	36,600 *
190	30	110	62.0	202.3	38,900	63.2	201.4	39,300	64.2	199.6	36,600 *
190	30	120	59.0	196.4	34,600	60.2	195.5	34,900	61.2	193.7	35,300
190	30	130	55.9	189.9	30,700	57.1	188.9	31,000	58.1	187.0	31,200
190	30	140	52.7	182.5	27,400	53.9	181.5	27,600	54.8	179.5	27,800
190	30	150	49.3	174.2	24,600	50.5	173.2	24,700	51.4	171.1	24,900
190	30	160	45.8	164.9	22,100	46.9	163.8	22,200	47.8	161.5	22,400
190	30	170	42.0	154.2	20,000	43.1	153.0	20,100			
190	30	180	38.0	142.0	18,100	39.0	140.7	18,100			
190	30	190	33.5	127.8	16,400						
190	30	200	28.4	110.6	14,900						
190	40	40	81.7	236.6	36,000 *						
190	40	50	79.2	234.8	36,000 *	80.9	233.8	35,800 *			
190	40	60	76.7	232.5	36,000 *	78.3	231.5	35,500 *	79.9	229.4	34,500 *
190	40	70	74.1	229.8	36,000 *	75.8	228.7	35,100 *	77.3	226.6	34,400 *
190	40	80	71.5	226.5	35,900 *	73.2	225.4	34,800 *	74.7	223.3	33,900 *
190	40	90	68.9	222.7	35,500 *	70.5	221.7	34,600 *	72.0	219.5	31,800 *
190	40	100	66.2	218.4	35,200 *	67.8	217.3	33,300 *	69.2	215.1	30,000 *
190	40	110	63.5	213.6	32,500 *	65.1	212.4	31,500 *	66.5	210.2	28,500 *
190	40	120	60.7	208.1	30,700 *	62.2	206.9	29,800 *	63.6	204.6	27,100 *
190	40	130	57.8	201.9	29,000 *	59.3	200.7	28,200 *	60.6	198.3	25,900 *
190	40	140	54.8	195.0	27,400 *	56.3	193.8	26,800 *	57.6	191.3	24,800 *
190	40	150	51.7	187.3	24,900	53.2	186.0	25,200	54.4	183.4	23,900 *
190	40	160	48.4	178.6	22,400	49.9	177.3	22,700	51.1	174.6	22,900
190	40	170	45.0	168.9	20,300	46.4	167.5	20,500	47.5	164.6	20,700
190	40	180	41.3	157.9	18,400	42.7	156.4	18,500			
190	40	190	37.3	145.3	16,700	38.7	143.6	16,800			
190	40	200	32.9	130.6	15,200						
190	40	210	27.9	113.0	13,900						
190	50	50	79.9	245.0	32,000 *	81.9	243.8	31,900 *			

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+AB Cttwt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the Crane Rating Manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
190	50	60	77.5	242.8	32,000 *	79.4	241.6	31,300 *	81.3	239.1	29,400 *
190	50	70	75.0	240.2	32,000 *	77.0	238.9	30,700 *	78.8	236.4	28,400 *
190	50	80	72.5	237.1	32,000 *	74.5	235.8	30,100 *	76.3	233.3	26,500 *
190	50	90	70.0	233.5	31,400 *	72.0	232.2	29,400 *	73.7	229.6	24,900 *
190	50	100	67.5	229.4	29,400 *	69.4	228.0	28,200 *	71.1	225.4	23,500 *
190	50	110	64.9	224.7	27,600 *	66.8	223.4	26,500 *	68.5	220.7	22,300 *
190	50	120	62.2	219.5	25,900 *	64.1	218.1	25,000 *	65.8	215.4	21,200 *
190	50	130	59.5	213.7	24,300 *	61.3	212.3	23,600 *	63.0	209.5	20,300 *
190	50	140	56.6	207.2	22,900 *	58.5	205.8	22,300 *	60.1	202.8	19,400 *
190	50	150	53.7	200.0	21,600 *	55.6	198.5	21,100 *	57.1	195.4	18,600 *
190	50	160	50.7	191.9	20,400 *	52.5	190.4	20,000 *	54.0	187.2	17,800 *
190	50	170	47.5	183.0	19,300 *	49.3	181.3	19,000 *	50.7	178.0	16,400 *
190	50	180	44.2	172.9	18,300 *	45.9	171.1	18,100 *	47.3	167.6	14,900 *
190	50	190	40.6	161.5	17,000	42.3	159.6	17,200			
190	50	200	36.7	148.5	15,500	38.3	146.5	15,600			
190	50	210	32.4	133.4	14,200						
190	50	220	27.5	115.3	13,000						
190	60	50	80.5	255.1	26,800 *						
190	60	60	78.2	253.0	26,600 *	80.5	251.6	25,800 *			
190	60	70	75.8	250.5	26,500 *	78.1	249.1	25,300 *	80.2	246.2	23,200 *
190	60	80	73.5	247.5	26,300 *	75.7	246.1	24,800 *	77.8	243.2	21,600 *
190	60	90	71.1	244.1	25,900 *	73.3	242.6	24,200 *	75.4	239.7	20,300 *
190	60	100	68.6	240.2	25,400 *	70.8	238.7	23,800 *	72.9	235.7	19,200 *
190	60	110	66.1	235.8	23,700 *	68.3	234.3	22,800 *	70.4	231.2	18,200 *
190	60	120	63.6	230.8	22,200 *	65.8	229.3	21,400 *	67.8	226.2	17,300 *
190	60	130	61.0	225.3	20,800 *	63.2	223.7	20,100 *	65.1	220.5	16,500 *
190	60	140	58.3	219.2	19,500 *	60.5	217.5	19,000 *	62.4	214.2	15,800 *
190	60	150	55.6	212.4	18,300 *	57.7	210.7	17,900 *	59.6	207.3	15,100 *
190	60	160	52.7	204.9	17,300 *	54.9	203.1	16,900 *	56.7	199.5	13,900 *
190	60	170	49.8	196.5	16,300 *	51.9	194.6	16,000 *	53.6	190.9	12,600 *
190	60	180	46.7	187.2	15,400 *	48.7	185.2	15,200 *	50.4	181.3	11,700 *
190	60	190	43.4	176.8	14,600 *	45.4	174.7	14,500 *	47.0	170.5	10,700 *
190	60	200	39.9	165.0	13,900 *	41.9	162.8	13,800 *			
190	60	210	36.1	151.7	13,200 *	38.0	149.2	13,200 *			
190	60	220	31.9	136.2	12,600 *						
190	60	230	27.1	117.6	12,100						
190	70	50	81.0	265.3	21,800 *						
190	70	60	78.8	263.3	21,500 *	81.4	261.7	20,300 *			
190	70	70	76.6	260.9	21,100 *	79.1	259.2	19,900 *	81.6	256.0	18,400 *
190	70	80	74.3	258.0	20,800 *	76.8	256.4	19,400 *	79.2	253.1	18,000 *
190	70	90	72.0	254.7	20,400 *	74.5	253.1	19,000 *	76.9	249.8	17,100 *
190	70	100	69.7	251.0	20,000 *	72.2	249.3	18,500 *	74.5	246.0	16,100 *
190	70	110	67.3	246.8	19,500 *	69.8	245.1	18,100 *	72.1	241.7	15,200 *
190	70	120	64.9	242.0	19,000 *	67.4	240.3	17,700 *	69.6	236.8	14,400 *
190	70	130	62.4	236.8	18,000 *	64.9	235.0	17,300 *	67.1	231.5	13,800 *
190	70	140	59.9	231.0	16,900 *	62.3	229.2	16,400 *	64.5	225.5	13,200 *
190	70	150	57.3	224.5	15,800 *	59.7	222.7	15,400 *	61.8	218.9	12,100 *
190	70	160	54.6	217.4	14,900 *	57.0	215.5	14,500 *	59.1	211.6	11,100 *
190	70	170	51.8	209.6	14,000 *	54.2	207.6	13,800 *	56.2	203.5	10,000 *

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+AB Cttwt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the Crane Rating Manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
190	70	180	48.9	200.9	13,200 *	51.3	198.8	13,000 *	53.2	194.6	9,200 *
190	70	190	45.9	191.3	12,500 *	48.2	189.1	12,300 *	50.1	184.6	8,500 *
190	70	200	42.7	180.5	11,800 *	44.9	178.2	11,600 *	46.8	173.4	7,800 *
190	70	210	39.3	168.5	11,300 *	41.5	165.9	10,800 *			
190	70	220	35.6	154.7	10,700 *	37.7	152.0	10,100 *			
190	70	230	31.4	138.8	10,200 *						
190	70	240	26.8	119.9	9,800 *						
190	80	50	81.6	275.4	17,900 *						
190	80	60	79.4	273.5	17,600 *						
190	80	70	77.3	271.2	17,200 *	80.1	269.4	16,100 *			
190	80	80	75.1	268.4	16,900 *	77.9	266.6	15,600 *	80.6	263.1	14,300 *
190	80	90	72.9	265.3	16,600 *	75.7	263.5	15,200 *	78.3	259.9	14,000 *
190	80	100	70.6	261.7	16,200 *	73.4	259.8	14,700 *	76.0	256.2	13,700 *
190	80	110	68.4	257.7	15,700 *	71.1	255.8	14,400 *	73.7	252.1	13,000 *
190	80	120	66.1	253.1	15,300 *	68.8	251.2	14,100 *	71.3	247.5	12,300 *
190	80	130	63.7	248.1	14,800 *	66.4	246.2	13,800 *	68.9	242.3	11,700 *
190	80	140	61.3	242.6	14,400 *	64.0	240.6	13,500 *	66.5	236.6	10,700 *
190	80	150	58.8	236.5	13,800 *	61.5	234.5	13,300 *	63.9	230.4	9,600 *
190	80	160	56.3	229.8	12,900 *	59.0	227.7	12,600 *	61.3	223.5	8,900 *
190	80	170	53.7	222.4	12,200 *	56.3	220.2	11,700 *	58.6	215.8	8,000 *
190	80	180	51.0	214.2	11,500 *	53.6	212.0	10,900 *	55.8	207.4	7,300 *
190	80	190	48.1	205.2	10,800 *	50.7	202.9	10,100 *	52.9	198.1	6,800 *
190	80	200	45.2	195.3	10,200 *	47.7	192.8	9,300 *	49.8	187.8	6,200 *
190	80	210	42.0	184.2	9,700 *	44.5	181.6	8,800 *	46.5	176.2	5,700 *
190	80	220	38.7	171.8	9,200 *	41.1	169.0	8,000 *			
190	80	230	35.0	157.8	8,800 *	37.4	154.6	7,600 *			
190	80	240	31.0	141.5	8,400 *						
190	80	250	26.4	122.0	8,100 *						
190	90	60	80.0	283.7	13,600 *						
190	90	70	77.9	281.4	13,300 *	81.0	279.5	12,200 *			
190	90	80	75.8	278.8	13,000 *	78.9	276.9	11,800 *	81.8	273.0	10,400 *
190	90	90	73.7	275.8	12,700 *	76.7	273.8	11,400 *	79.6	269.9	10,300 *
190	90	100	71.5	272.3	12,400 *	74.6	270.4	11,000 *	77.4	266.4	10,100 *
190	90	110	69.3	268.5	11,900 *	72.4	266.5	10,500 *	75.2	262.4	10,000 *
190	90	120	67.1	264.2	11,500 *	70.1	262.1	10,300 *	72.9	258.0	9,800 *
190	90	130	64.9	259.4	11,000 *	67.9	257.3	10,200 *	70.6	253.1	9,400 *
190	90	140	62.6	254.1	10,600 *	65.5	251.9	10,000 *	68.3	247.7	8,700 *
190	90	150	60.2	248.3	10,300 *	63.2	246.1	9,800 *	65.8	241.7	7,800 *
190	90	160	57.8	241.9	10,200 *	60.7	239.6	9,700 *	63.4	235.1	7,200 *
190	90	170	55.3	234.9	10,000 *	58.2	232.6	9,500 *	60.8	227.9	6,500 *
190	90	180	52.8	227.2	9,800 *	55.7	224.8	8,800 *	58.2	220.0	5,900 *
190	90	190	50.1	218.8	9,500 *	53.0	216.3	8,200 *	55.4	211.3	5,400 *
190	90	200	47.4	209.5	8,900 *	50.2	206.9	7,600 *	52.5	201.6	5,000 *
190	90	210	44.5	199.2	8,500 *	47.2	196.5	7,100 *	49.5	191.0	4,600 *
190	90	220	41.4	187.9	8,000 *	44.1	185.0	6,600 *	46.3	179.0	4,300 *
190	90	230	38.1	175.1	7,700 *	40.7	172.0	6,100 *			
190	90	240	34.5	160.7	7,300 *	37.1	157.3	5,700 *			
190	90	250	30.6	144.0	7,000 *						
190	90	260	26.1	124.2	6,700 *						

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+AB Cttwt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the Crane Rating Manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom									
			5 Degrees			15 Degrees			25 Degrees			
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	
190	100	60	80.5	293.9	9,700 *							
190	100	70	78.5	291.7	9,400 *	81.8	289.7	8,400 *				
190	100	80	76.5	289.2	9,100 *	79.8	287.1	8,200 *				
190	100	90	74.4	286.3	8,800 *	77.7	284.2	8,000 *	80.8	280.0	7,400 *	
190	100	100	72.4	282.9	8,500 *	75.6	280.8	7,800 *	78.7	276.6	7,200 *	
190	100	110	70.3	279.2	8,300 *	73.5	277.1	7,600 *	76.6	272.8	7,100 *	
190	100	120	68.1	275.1	8,100 *	71.4	272.9	7,400 *	74.4	268.5	6,900 *	
190	100	130	66.0	270.5	7,800 *	69.2	268.3	7,300 *	72.2	263.8	6,800 *	
190	100	140	63.8	265.4	7,600 *	67.0	263.2	7,100 *	69.9	258.6	6,600 *	
190	100	150	61.5	259.9	7,400 *	64.7	257.6	7,000 *	67.6	252.9	6,400 *	
190	100	160	59.2	253.8	7,300 *	62.4	251.4	6,800 *	65.3	246.7	5,900 *	
190	100	170	56.9	247.1	7,100 *	60.0	244.7	6,600 *	62.8	239.8	5,300 *	
190	100	180	54.5	239.9	6,900 *	57.6	237.3	6,500 *	60.3	232.3	4,800 *	
190	100	190	52.0	231.9	6,800 *	55.0	229.3	6,300 *	57.7	224.1	4,300 *	
190	100	200	49.4	223.2	6,600 *	52.4	220.5	6,100 *	55.0	215.0	4,100 *	
190	100	210	46.6	213.6	6,400 *	49.7	210.8	5,800 *	52.2	205.1	3,700 *	
190	100	220	43.8	203.1	6,200 *	46.8	200.1	5,400 *	49.2	194.1	3,400 *	
190	100	230	40.8	191.4	6,000 *	43.7	188.2	5,000 *	46.1	181.8	3,200 *	
190	100	240	37.6	178.4	5,600 *	40.4	174.9	4,600 *				
190	100	250	34.1	163.6	5,200 *	36.8	159.8	4,200 *				
190	100	260	30.2	146.6	4,600 *							
190	100	270	25.7	126.3	4,000 *							
200	30	40	81.5	236.7	40,000 *							
200	30	50	79.0	234.8	40,000 *	80.3	234.0	40,000 *	81.4	232.4	40,000 *	
200	30	60	76.5	232.6	40,000 *	77.7	231.7	40,000 *	78.9	230.1	40,000 *	
200	30	70	73.9	229.8	40,000 *	75.1	229.0	40,000 *	76.3	227.3	40,000 *	
200	30	80	71.3	226.5	40,000 *	72.5	225.7	40,000 *	73.6	224.0	40,000 *	
200	30	90	68.7	222.8	40,000 *	69.9	221.9	40,000 *	71.0	220.2	38,500 *	
200	30	100	66.0	218.5	40,000 *	67.2	217.6	40,000 *	68.3	215.9	36,500 *	
200	30	110	63.3	213.6	38,600	64.4	212.7	39,000	65.5	210.9	36,600 *	
200	30	120	60.5	208.1	34,300	61.6	207.2	34,600	62.6	205.4	35,000	
200	30	130	57.6	201.9	30,300	58.7	201.0	30,600	59.7	199.1	30,900	
200	30	140	54.6	195.0	27,000	55.7	194.1	27,300	56.6	192.1	27,500	
200	30	150	51.4	187.3	24,200	52.6	186.3	24,400	53.5	184.3	24,600	
200	30	160	48.2	178.7	21,800	49.3	177.6	21,900	50.2	175.5	22,100	
200	30	170	44.7	169.0	19,600	45.8	167.8	19,700	46.7	165.6	19,900	
200	30	180	41.1	158.0	17,700	42.1	156.7	17,800				
200	30	190	37.1	145.4	16,100	38.1	144.0	16,100				
200	30	200	32.7	130.7	14,600							
200	30	210	27.7	113.1	13,200							
200	40	50	79.7	245.0	36,000 *	81.3	244.0	35,900 *				
200	40	60	77.3	242.8	36,000 *	78.8	241.8	35,500 *	80.3	239.7	34,600 *	
200	40	70	74.8	240.2	36,000 *	76.4	239.1	35,200 *	77.8	237.0	34,400 *	
200	40	80	72.3	237.1	36,000 *	73.9	236.0	34,900 *	75.3	233.9	34,300 *	
200	40	90	69.8	233.5	35,700 *	71.4	232.4	34,600 *	72.8	230.2	32,400 *	
200	40	100	67.3	229.4	35,300 *	68.8	228.3	32,900 *	70.2	226.1	30,600 *	
200	40	110	64.7	224.8	32,300 *	66.2	223.6	31,100 *	67.5	221.4	29,000 *	
200	40	120	62.0	219.6	30,400 *	63.5	218.4	29,500 *	64.8	216.1	27,600 *	
200	40	130	59.3	213.7	28,700 *	60.7	212.5	28,000 *	62.0	210.2	26,400 *	

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+AB Cttwt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the Crane Rating Manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
200	40	140	56.4	207.2	27,200 *	57.9	206.0	26,500 *	59.2	203.6	25,300 *
200	40	150	53.5	200.0	24,500	55.0	198.7	24,800	56.2	196.2	23,600 *
200	40	160	50.5	192.0	22,100	51.9	190.6	22,300	53.1	188.0	21,500 *
200	40	170	47.3	183.0	19,900	48.7	181.6	20,100	49.8	178.8	19,700 *
200	40	180	44.0	172.9	18,100	45.3	171.4	18,200	46.4	168.5	18,100 *
200	40	190	40.4	161.6	16,400	41.7	160.0	16,500			
200	40	200	36.5	148.6	14,900	37.8	146.8	15,000			
200	40	210	32.2	133.5	13,500						
200	40	220	27.3	115.4	12,300						
200	50	50	80.3	255.2	32,000 *						
200	50	60	78.0	253.1	32,000 *	79.9	251.8	31,400 *	81.7	249.3	29,400 *
200	50	70	75.6	250.5	32,000 *	77.5	249.3	30,800 *	79.3	246.8	28,700 *
200	50	80	73.3	247.6	32,000 *	75.1	246.3	30,200 *	76.9	243.8	26,900 *
200	50	90	70.9	244.1	31,200 *	72.7	242.8	29,600 *	74.4	240.3	25,300 *
200	50	100	68.4	240.2	29,200 *	70.3	238.9	28,000 *	72.0	236.3	23,900 *
200	50	110	65.9	235.8	27,400 *	67.8	234.5	26,300 *	69.4	231.8	22,700 *
200	50	120	63.4	230.9	25,700 *	65.2	229.5	24,800 *	66.8	226.8	21,600 *
200	50	130	60.8	225.4	24,200 *	62.6	223.9	23,400 *	64.2	221.1	20,600 *
200	50	140	58.1	219.2	22,700 *	59.9	217.8	22,100 *	61.5	214.9	19,800 *
200	50	150	55.4	212.4	21,400 *	57.2	210.9	21,000 *	58.7	207.9	18,300 *
200	50	160	52.5	204.9	20,300 *	54.3	203.3	19,900 *	55.8	200.2	16,800 *
200	50	170	49.6	196.5	19,200 *	51.3	194.9	18,800 *	52.7	191.6	15,500 *
200	50	180	46.5	187.2	18,200 *	48.2	185.5	17,900 *	49.5	182.1	14,000 *
200	50	190	43.2	176.8	16,700	44.9	175.0	16,900	46.2	171.3	13,000 *
200	50	200	39.7	165.1	15,200	41.3	163.1	15,300			
200	50	210	35.9	151.7	13,800	37.5	149.6	13,900			
200	50	220	31.7	136.2	12,600						
200	50	230	26.9	117.7	11,500						
200	60	50	80.9	265.3	26,900 *						
200	60	60	78.6	263.3	26,700 *	80.8	261.9	25,900 *			
200	60	70	76.4	260.9	26,500 *	78.6	259.4	25,400 *	80.6	256.5	23,400 *
200	60	80	74.1	258.0	26,300 *	76.3	256.6	24,900 *	78.3	253.6	21,900 *
200	60	90	71.8	254.7	26,100 *	74.0	253.2	24,400 *	76.0	250.3	20,600 *
200	60	100	69.5	251.0	25,200 *	71.6	249.5	23,900 *	73.6	246.5	19,500 *
200	60	110	67.1	246.8	23,500 *	69.2	245.2	22,600 *	71.2	242.2	18,500 *
200	60	120	64.7	242.1	22,000 *	66.8	240.5	21,300 *	68.7	237.4	17,600 *
200	60	130	62.2	236.8	20,700 *	64.3	235.2	20,000 *	66.2	232.0	16,800 *
200	60	140	59.7	231.0	19,400 *	61.8	229.4	18,900 *	63.6	226.1	15,900 *
200	60	150	57.1	224.6	18,200 *	59.2	222.9	17,800 *	61.0	219.5	14,400 *
200	60	160	54.4	217.5	17,200 *	56.5	215.7	16,800 *	58.2	212.2	13,400 *
200	60	170	51.6	209.6	16,200 *	53.7	207.8	15,900 *	55.4	204.2	12,100 *
200	60	180	48.7	200.9	15,300 *	50.7	199.0	15,100 *	52.4	195.2	11,200 *
200	60	190	45.7	191.3	14,500 *	47.7	189.3	14,300 *	49.3	185.3	10,200 *
200	60	200	42.5	180.6	13,800 *	44.4	178.4	13,600 *	45.9	174.2	9,500 *
200	60	210	39.1	168.5	13,100 *	40.9	166.2	12,600 *			
200	60	220	35.4	154.8	12,500 *	37.2	152.3	11,700 *			
200	60	230	31.3	138.9	11,700						
200	60	240	26.6	119.9	10,700						

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+AB Cttwt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the Crane Rating Manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom									
			5 Degrees			15 Degrees			25 Degrees			
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	
200	70	50	81.4	275.5	21,900 *							
200	70	60	79.2	273.5	21,500 *	81.7	271.9	20,400 *				
200	70	70	77.1	271.2	21,200 *	79.5	269.5	20,000 *	81.9	266.3	18,400 *	
200	70	80	74.9	268.4	20,900 *	77.3	266.8	19,500 *	79.7	263.5	18,100 *	
200	70	90	72.7	265.3	20,600 *	75.1	263.6	19,100 *	77.4	260.3	17,300 *	
200	70	100	70.4	261.7	20,100 *	72.9	260.0	18,600 *	75.1	256.6	16,300 *	
200	70	110	68.2	257.7	19,700 *	70.6	256.0	18,200 *	72.8	252.5	15,400 *	
200	70	120	65.9	253.2	19,100 *	68.3	251.4	17,900 *	70.5	247.9	14,700 *	
200	70	130	63.5	248.2	17,900 *	65.9	246.4	17,300 *	68.0	242.8	14,000 *	
200	70	140	61.1	242.6	16,800 *	63.5	240.8	16,300 *	65.6	237.1	12,800 *	
200	70	150	58.6	236.5	15,700 *	61.0	234.6	15,300 *	63.1	230.9	11,700 *	
200	70	160	56.1	229.8	14,800 *	58.4	227.9	14,500 *	60.5	224.0	10,500 *	
200	70	170	53.5	222.4	13,900 *	55.8	220.4	13,600 *	57.8	216.4	9,700 *	
200	70	180	50.8	214.3	13,100 *	53.0	212.2	12,700 *	55.0	208.0	8,900 *	
200	70	190	47.9	205.3	12,400 *	50.2	203.1	11,900 *	52.0	198.7	8,100 *	
200	70	200	45.0	195.3	11,700 *	47.2	193.0	11,100 *	49.0	188.4	7,400 *	
200	70	210	41.8	184.3	11,200 *	44.0	181.8	10,300 *	45.7	176.9	6,900 *	
200	70	220	38.5	171.9	10,600 *	40.6	169.2	9,600 *				
200	70	230	34.8	157.8	10,100 *	36.9	154.9	9,000 *				
200	70	240	30.8	141.5	9,700 *							
200	70	250	26.2	122.1	9,300 *							
200	80	50	81.9	285.6	17,900 *							
200	80	60	79.8	283.7	17,600 *							
200	80	70	77.7	281.5	17,300 *	80.4	279.7	16,100 *				
200	80	80	75.6	278.8	17,000 *	78.3	277.0	15,700 *	80.9	273.4	14,300 *	
200	80	90	73.5	275.8	16,700 *	76.2	274.0	15,300 *	78.7	270.3	14,100 *	
200	80	100	71.3	272.4	16,300 *	74.0	270.5	14,900 *	76.5	266.8	13,800 *	
200	80	110	69.2	268.5	15,900 *	71.8	266.6	14,400 *	74.3	262.9	13,100 *	
200	80	120	67.0	264.2	15,400 *	69.6	262.3	14,200 *	72.1	258.4	12,500 *	
200	80	130	64.7	259.4	15,000 *	67.3	257.4	13,900 *	69.8	253.5	11,400 *	
200	80	140	62.4	254.1	14,500 *	65.0	252.1	13,700 *	67.4	248.1	10,400 *	
200	80	150	60.1	248.3	13,700 *	62.7	246.2	13,200 *	65.0	242.2	9,300 *	
200	80	160	57.7	241.9	12,900 *	60.2	239.8	12,300 *	62.5	235.6	8,600 *	
200	80	170	55.2	234.9	12,100 *	57.7	232.7	11,300 *	60.0	228.4	7,700 *	
200	80	180	52.6	227.2	11,400 *	55.1	225.0	10,400 *	57.3	220.5	7,200 *	
200	80	190	50.0	218.8	10,800 *	52.5	216.5	9,700 *	54.6	211.8	6,500 *	
200	80	200	47.2	209.5	10,200 *	49.7	207.1	8,900 *	51.7	202.2	5,900 *	
200	80	210	44.3	199.3	9,600 *	46.7	196.7	8,300 *	48.7	191.5	5,500 *	
200	80	220	41.2	187.9	9,200 *	43.6	185.2	7,800 *	45.5	179.7	5,100 *	
200	80	230	37.9	175.2	8,700 *	40.3	172.2	7,300 *				
200	80	240	34.4	160.7	8,300 *	36.6	157.5	6,700 *				
200	80	250	30.4	144.1	8,000 *							
200	80	260	25.9	124.2	7,700 *							
200	90	60	80.3	293.9	13,700 *							
200	90	70	78.3	291.7	13,400 *	81.3	289.8	12,300 *				
200	90	80	76.3	289.2	13,100 *	79.3	287.2	11,900 *				
200	90	90	74.2	286.3	12,800 *	77.2	284.3	11,500 *	80.0	280.3	10,300 *	
200	90	100	72.2	283.0	12,500 *	75.1	281.0	11,100 *	77.9	277.0	10,200 *	
200	90	110	70.1	279.2	12,100 *	73.0	277.2	10,700 *	75.7	273.2	10,000 *	

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+AB Cttw 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the Crane Rating Manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
200	90	120	68.0	275.1	11,600 *	70.9	273.0	10,400 *	73.6	268.9	9,900 *
200	90	130	65.8	270.5	11,200 *	68.7	268.4	10,200 *	71.4	264.2	9,300 *
200	90	140	63.6	265.5	10,800 *	66.5	263.3	10,100 *	69.1	259.0	8,300 *
200	90	150	61.4	259.9	10,400 *	64.2	257.7	9,900 *	66.8	253.3	7,700 *
200	90	160	59.1	253.8	10,300 *	61.9	251.6	9,800 *	64.4	247.1	6,900 *
200	90	170	56.7	247.2	10,100 *	59.5	244.8	9,200 *	62.0	240.2	6,200 *
200	90	180	54.3	239.9	9,900 *	57.1	237.5	8,600 *	59.5	232.7	5,800 *
200	90	190	51.8	231.9	9,400 *	54.5	229.5	7,800 *	56.9	224.5	5,200 *
200	90	200	49.2	223.2	8,900 *	51.9	220.7	7,400 *	54.2	215.5	4,800 *
200	90	210	46.5	213.7	8,400 *	49.2	211.0	6,800 *	51.4	205.6	4,500 *
200	90	220	43.6	203.1	8,000 *	46.3	200.3	6,400 *	48.4	194.6	4,100 *
200	90	230	40.6	191.5	7,600 *	43.2	188.4	5,800 *	45.3	182.3	3,800 *
200	90	240	37.4	178.4	7,200 *	39.9	175.2	5,500 *			
200	90	250	33.9	163.6	6,900 *	36.4	160.1	5,200 *			
200	90	260	30.0	146.6	6,600 *						
200	90	270	25.6	126.3	6,400 *						
200	100	60	80.8	304.1	9,800 *						
200	100	70	78.9	302.0	9,500 *						
200	100	80	76.9	299.5	9,200 *	80.1	297.4	8,300 *			
200	100	90	75.0	296.7	8,900 *	78.1	294.6	8,100 *	81.2	290.4	7,400 *
200	100	100	73.0	293.5	8,600 *	76.1	291.4	7,900 *	79.1	287.1	7,300 *
200	100	110	70.9	289.9	8,300 *	74.1	287.8	7,700 *	77.1	283.4	7,100 *
200	100	120	68.9	286.0	8,100 *	72.0	283.7	7,500 *	75.0	279.3	7,000 *
200	100	130	66.8	281.5	7,900 *	69.9	279.3	7,300 *	72.8	274.8	6,800 *
200	100	140	64.7	276.7	7,700 *	67.8	274.4	7,200 *	70.7	269.9	6,700 *
200	100	150	62.6	271.4	7,500 *	65.7	269.0	7,000 *	68.5	264.4	6,200 *
200	100	160	60.4	265.6	7,300 *	63.4	263.2	6,900 *	66.2	258.4	5,700 *
200	100	170	58.1	259.2	7,200 *	61.2	256.8	6,700 *	63.9	251.9	5,200 *
200	100	180	55.8	252.3	7,000 *	58.8	249.8	6,600 *	61.5	244.8	4,700 *
200	100	190	53.5	244.8	6,900 *	56.4	242.2	6,400 *	59.1	237.0	4,300 *
200	100	200	51.0	236.5	6,700 *	54.0	233.9	6,000 *	56.5	228.5	3,900 *
200	100	210	48.5	227.6	6,500 *	51.4	224.8	5,600 *	53.9	219.1	3,600 *
200	100	220	45.8	217.7	6,300 *	48.7	214.8	5,100 *	51.1	208.9	3,300 *
200	100	230	43.0	206.9	6,200 *	45.9	203.8	4,800 *	48.2	197.6	3,000 *
200	100	240	40.0	194.9	6,000 *	42.8	191.6	4,500 *	45.1	185.0	2,900 *
200	100	250	36.9	181.6	5,500 *	39.6	178.0	4,300 *			
200	100	260	33.4	166.5	5,100 *	36.1	162.6	4,000 *			
200	100	270	29.6	149.1	4,600 *						
200	100	280	25.3	128.4	4,000 *						
210	30	40	81.9	246.8	40,000 *						
210	30	50	79.5	245.0	40,000 *	80.7	244.2	40,000 *	81.8	242.6	40,000 *
210	30	60	77.1	242.8	40,000 *	78.2	242.0	40,000 *	79.3	240.4	40,000 *
210	30	70	74.6	240.2	40,000 *	75.8	239.4	40,000 *	76.9	237.7	40,000 *
210	30	80	72.1	237.1	40,000 *	73.3	236.3	40,000 *	74.4	234.6	40,000 *
210	30	90	69.6	233.5	40,000 *	70.8	232.7	40,000 *	71.8	231.0	39,100 *
210	30	100	67.1	229.4	40,000 *	68.2	228.5	40,000 *	69.2	226.8	37,200 *
210	30	110	64.5	224.8	38,200	65.6	223.9	38,700	66.6	222.1	36,500 *
210	30	120	61.8	219.6	33,900	62.9	218.7	34,300	63.9	216.9	34,700
210	30	130	59.1	213.8	30,000	60.2	212.8	30,300	61.1	211.0	30,600

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+AB Cttwt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the Crane Rating Manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
210	30	140	56.2	207.3	26,700	57.3	206.3	26,900	58.3	204.4	27,200
210	30	150	53.3	200.1	23,800	54.4	199.1	24,100	55.3	197.1	24,300
210	30	160	50.3	192.0	21,400	51.3	191.0	21,600	52.2	188.9	21,800
210	30	170	47.1	183.0	19,300	48.2	181.9	19,400	49.0	179.7	19,600
210	30	180	43.8	173.0	17,400	44.8	171.8	17,500	45.6	169.5	17,600
210	30	190	40.2	161.6	15,700	41.2	160.3	15,800			
210	30	200	36.3	148.6	14,200	37.3	147.3	14,200			
210	30	210	32.0	133.5	12,900						
210	30	220	27.1	115.5	11,600						
210	40	50	80.1	255.2	36,000 *	81.6	254.2	35,900 *			
210	40	60	77.8	253.1	36,000 *	79.3	252.0	35,600 *	80.7	250.0	34,600 *
210	40	70	75.4	250.6	36,000 *	76.9	249.5	35,300 *	78.3	247.4	34,500 *
210	40	80	73.1	247.6	36,000 *	74.6	246.5	35,000 *	75.9	244.4	34,300 *
210	40	90	70.7	244.2	35,800 *	72.1	243.1	34,400 *	73.5	240.9	32,900 *
210	40	100	68.2	240.3	33,900 *	69.7	239.2	32,500 *	71.0	237.0	31,100 *
210	40	110	65.7	235.8	31,900 *	67.2	234.7	30,800 *	68.5	232.5	29,500 *
210	40	120	63.2	230.9	30,100 *	64.7	229.7	29,100 *	65.9	227.5	28,100 *
210	40	130	60.6	225.4	28,400 *	62.0	224.2	27,600 *	63.3	221.9	26,300 *
210	40	140	57.9	219.3	26,900 *	59.4	218.0	26,200 *	60.6	215.6	23,800 *
210	40	150	55.2	212.4	24,200	56.6	211.2	24,500	57.8	208.7	21,700 *
210	40	160	52.4	204.9	21,700	53.7	203.6	22,000	54.9	201.0	20,200 *
210	40	170	49.4	196.5	19,600	50.8	195.2	19,800	51.9	192.5	18,100 *
210	40	180	46.3	187.2	17,700	47.6	185.8	17,900	48.7	182.9	16,900 *
210	40	190	43.0	176.8	16,000	44.3	175.3	16,200	45.3	172.3	15,600 *
210	40	200	39.5	165.1	14,500	40.8	163.5	14,600			
210	40	210	35.7	151.8	13,200	37.0	150.0	13,200			
210	40	220	31.5	136.3	11,900						
210	40	230	26.8	117.7	10,800						
210	50	50	80.7	265.3	32,000 *						
210	50	60	78.4	263.3	32,000 *	80.3	262.1	31,500 *	82.0	259.6	29,400 *
210	50	70	76.2	260.9	32,000 *	78.0	259.6	31,000 *	79.7	257.1	29,000 *
210	50	80	73.9	258.0	32,000 *	75.7	256.8	30,400 *	77.4	254.2	27,200 *
210	50	90	71.6	254.8	30,900 *	73.4	253.5	29,500 *	75.1	250.9	25,700 *
210	50	100	69.3	251.0	28,900 *	71.1	249.7	27,700 *	72.7	247.1	24,300 *
210	50	110	66.9	246.8	27,100 *	68.7	245.5	26,100 *	70.3	242.8	23,000 *
210	50	120	64.5	242.1	25,500 *	66.3	240.7	24,600 *	67.8	238.0	22,000 *
210	50	130	62.0	236.8	23,900 *	63.8	235.4	23,200 *	65.3	232.6	20,900 *
210	50	140	59.5	231.0	22,600 *	61.2	229.6	21,900 *	62.7	226.7	19,300 *
210	50	150	56.9	224.6	21,200 *	58.6	223.1	20,700 *	60.1	220.2	17,300 *
210	50	160	54.2	217.5	20,100 *	55.9	216.0	19,700 *	57.4	212.9	15,900 *
210	50	170	51.4	209.6	19,000 *	53.1	208.1	18,600 *	54.5	204.9	14,600 *
210	50	180	48.6	201.0	18,000	50.2	199.3	17,700 *	51.5	196.0	13,500 *
210	50	190	45.5	191.3	16,300	47.1	189.6	16,500	48.4	186.1	12,200 *
210	50	200	42.3	180.6	14,800	43.9	178.7	15,000	45.1	175.0	11,300 *
210	50	210	38.9	168.5	13,400	40.4	166.5	13,600			
210	50	220	35.2	154.8	12,200	36.7	152.6	12,300			
210	50	230	31.1	138.9	11,100						
210	50	240	26.4	120.0	10,100						

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+AB Cttw 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the Crane Rating Manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
210	60	50	81.2	275.5	26,900 *						
210	60	60	79.1	273.5	26,700 *	81.2	272.1	26,000 *			
210	60	70	76.9	271.2	26,500 *	79.0	269.7	25,500 *	81.0	266.8	23,600 *
210	60	80	74.7	268.5	26,400 *	76.8	267.0	25,000 *	78.8	264.0	22,200 *
210	60	90	72.5	265.3	26,200 *	74.6	263.8	24,500 *	76.5	260.8	20,900 *
210	60	100	70.3	261.7	25,000 *	72.3	260.2	23,900 *	74.2	257.2	19,700 *
210	60	110	68.0	257.7	23,400 *	70.1	256.1	22,500 *	71.9	253.1	18,700 *
210	60	120	65.7	253.2	21,900 *	67.7	251.6	21,100 *	69.6	248.5	17,800 *
210	60	130	63.3	248.2	20,500 *	65.4	246.6	19,900 *	67.2	243.4	16,900 *
210	60	140	60.9	242.6	19,300 *	62.9	241.0	18,700 *	64.7	237.7	15,500 *
210	60	150	58.5	236.5	18,100 *	60.5	234.8	17,600 *	62.2	231.5	13,900 *
210	60	160	55.9	229.8	17,000 *	57.9	228.1	16,600 *	59.6	224.6	12,800 *
210	60	170	53.3	222.4	16,100 *	55.3	220.6	15,800 *	56.9	217.0	11,500 *
210	60	180	50.6	214.3	15,200 *	52.5	212.4	14,700 *	54.1	208.7	10,600 *
210	60	190	47.8	205.3	14,400 *	49.7	203.3	13,600 *	51.2	199.4	9,700 *
210	60	200	44.8	195.4	13,600 *	46.7	193.3	12,600 *	48.2	189.2	9,100 *
210	60	210	41.7	184.3	13,000 *	43.5	182.1	11,700 *			
210	60	220	38.3	171.9	12,400 *	40.1	169.5	11,000 *			
210	60	230	34.7	157.8	11,300 *	36.4	155.2	10,200 *			
210	60	240	30.6	141.5	10,300 *						
210	60	250	26.1	122.1	9,400 *						
210	70	50	81.7	285.6	21,900 *						
210	70	60	79.6	283.7	21,600 *						
210	70	70	77.5	281.5	21,300 *	79.9	279.8	20,000 *			
210	70	80	75.4	278.8	21,000 *	77.8	277.2	19,600 *	80.0	273.9	18,100 *
210	70	90	73.3	275.8	20,600 *	75.7	274.1	19,200 *	77.9	270.8	17,500 *
210	70	100	71.2	272.4	20,300 *	73.5	270.7	18,800 *	75.7	267.3	16,500 *
210	70	110	69.0	268.5	19,800 *	71.3	266.8	18,300 *	73.5	263.3	15,600 *
210	70	120	66.8	264.2	19,000 *	69.1	262.4	18,000 *	71.2	258.9	14,900 *
210	70	130	64.5	259.4	17,800 *	66.8	257.6	17,200 *	68.9	254.0	13,500 *
210	70	140	62.2	254.1	16,700 *	64.5	252.3	16,200 *	66.6	248.6	12,500 *
210	70	150	59.9	248.3	15,600 *	62.2	246.4	15,200 *	64.2	242.7	11,100 *
210	70	160	57.5	241.9	14,700 *	59.7	240.0	14,300 *	61.7	236.2	10,200 *
210	70	170	55.0	234.9	13,800 *	57.2	232.9	13,200 *	59.2	229.0	9,400 *
210	70	180	52.4	227.2	13,100 *	54.6	225.2	12,200 *	56.5	221.1	8,500 *
210	70	190	49.8	218.8	12,300 *	52.0	216.7	11,300 *	53.8	212.4	7,800 *
210	70	200	47.0	209.5	11,700 *	49.2	207.3	10,600 *	50.9	202.8	7,200 *
210	70	210	44.1	199.3	11,100 *	46.2	196.9	9,600 *	47.9	192.2	6,500 *
210	70	220	41.0	187.9	10,500 *	43.1	185.4	8,900 *			
210	70	230	37.7	175.2	10,000 *	39.8	172.5	8,300 *			
210	70	240	34.2	160.8	9,600 *	36.1	157.8	7,900 *			
210	70	250	30.2	144.1	9,200 *						
210	70	260	25.7	124.3	8,800 *						
210	80	60	80.2	293.9	17,700 *						
210	80	70	78.1	291.7	17,400 *	80.8	289.9	16,200 *			
210	80	80	76.1	289.2	17,100 *	78.7	287.4	15,800 *	81.2	283.7	14,400 *
210	80	90	74.1	286.3	16,800 *	76.7	284.4	15,400 *	79.2	280.8	14,100 *
210	80	100	72.0	283.0	16,500 *	74.6	281.1	15,000 *	77.0	277.4	13,900 *
210	80	110	69.9	279.3	16,000 *	72.5	277.4	14,600 *	74.9	273.6	13,300 *

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+AB Cttwt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the Crane Rating Manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
210	80	120	67.8	275.1	15,600 *	70.4	273.2	14,300 *	72.7	269.3	12,200 *
210	80	130	65.6	270.5	15,200 *	68.2	268.6	14,000 *	70.5	264.7	11,000 *
210	80	140	63.4	265.5	14,500 *	66.0	263.5	13,800 *	68.3	259.5	10,000 *
210	80	150	61.2	259.9	13,600 *	63.7	257.9	12,900 *	66.0	253.8	9,000 *
210	80	160	58.9	253.8	12,800 *	61.4	251.7	11,800 *	63.6	247.6	8,200 *
210	80	170	56.5	247.2	12,000 *	59.0	245.0	10,900 *	61.2	240.7	7,400 *
210	80	180	54.1	239.9	11,300 *	56.6	237.7	10,100 *	58.7	233.2	6,900 *
210	80	190	51.6	232.0	10,700 *	54.1	229.6	9,300 *	56.1	225.0	6,200 *
210	80	200	49.0	223.2	10,100 *	51.4	220.8	8,700 *	53.5	216.1	5,800 *
210	80	210	46.3	213.7	9,600 *	48.7	211.2	7,900 *	50.6	206.1	5,200 *
210	80	220	43.5	203.2	9,100 *	45.8	200.5	7,400 *	47.7	195.2	4,900 *
210	80	230	40.4	191.5	8,600 *	42.7	188.7	6,900 *			
210	80	240	37.2	178.4	8,200 *	39.5	175.4	6,500 *			
210	80	250	33.7	163.7	7,900 *	35.9	160.3	6,100 *			
210	80	260	29.8	146.6	7,600 *						
210	80	270	25.4	126.4	7,300 *						
210	90	60	80.6	304.1	13,700 *						
210	90	70	78.7	302.0	13,500 *	81.6	300.0	12,400 *			
210	90	80	76.8	299.5	13,200 *	79.6	297.6	12,000 *			
210	90	90	74.8	296.7	12,900 *	77.6	294.7	11,600 *	80.3	290.7	10,300 *
210	90	100	72.8	293.5	12,600 *	75.6	291.5	11,200 *	78.3	287.5	10,200 *
210	90	110	70.8	290.0	12,200 *	73.6	287.9	10,800 *	76.2	283.8	10,100 *
210	90	120	68.7	286.0	11,800 *	71.6	283.9	10,400 *	74.2	279.7	9,900 *
210	90	130	66.7	281.6	11,400 *	69.5	279.4	10,300 *	72.0	275.2	9,000 *
210	90	140	64.6	276.7	11,000 *	67.3	274.6	10,100 *	69.9	270.3	8,200 *
210	90	150	62.4	271.4	10,500 *	65.2	269.2	10,000 *	67.7	264.8	7,400 *
210	90	160	60.2	265.6	10,300 *	63.0	263.3	9,800 *	65.4	258.8	6,700 *
210	90	170	58.0	259.2	10,200 *	60.7	256.9	9,000 *	63.1	252.3	6,100 *
210	90	180	55.7	252.3	9,900 *	58.4	250.0	8,300 *	60.8	245.2	5,500 *
210	90	190	53.3	244.8	9,400 *	56.0	242.3	7,700 *	58.3	237.4	5,000 *
210	90	200	50.8	236.6	8,800 *	53.5	234.0	7,000 *	55.8	228.9	4,700 *
210	90	210	48.3	227.6	8,400 *	50.9	224.9	6,600 *	53.1	219.6	4,200 *
210	90	220	45.6	217.8	7,900 *	48.2	215.0	6,000 *	50.4	209.4	4,000 *
210	90	230	42.8	206.9	7,500 *	45.4	204.0	5,700 *	47.4	198.1	3,600 *
210	90	240	39.9	195.0	7,200 *	42.4	191.9	5,300 *			
210	90	250	36.7	181.6	6,800 *	39.2	178.3	4,900 *			
210	90	260	33.3	166.5	6,400 *	35.6	162.8	4,600 *			
210	90	270	29.5	149.1	6,200 *						
210	90	280	25.1	128.4	5,700 *						
210	100	60	81.1	314.2	9,800 *						
210	100	70	79.2	312.2	9,500 *						
210	100	80	77.4	309.8	9,300 *	80.4	307.7	8,300 *			
210	100	90	75.4	307.1	9,000 *	78.5	305.0	8,100 *	81.5	300.7	7,400 *
210	100	100	73.5	304.1	8,700 *	76.6	301.9	7,900 *	79.5	297.5	7,300 *
210	100	110	71.6	300.6	8,400 *	74.6	298.4	7,700 *	77.5	294.0	7,100 *
210	100	120	69.6	296.8	8,200 *	72.7	294.5	7,500 *	75.5	290.1	7,000 *
210	100	130	67.6	292.5	8,000 *	70.6	290.3	7,400 *	73.5	285.7	6,900 *
210	100	140	65.6	287.9	7,800 *	68.6	285.6	7,200 *	71.4	281.0	6,700 *
210	100	150	63.5	282.8	7,600 *	66.5	280.4	7,100 *	69.3	275.7	6,100 *

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+AB Cttwt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the Crane Rating Manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
210	100	160	61.4	277.2	7,400 *	64.4	274.8	6,900 *	67.1	270.0	5,500 *
210	100	170	59.3	271.1	7,300 *	62.2	268.7	6,800 *	64.9	263.8	4,900 *
210	100	180	57.1	264.5	7,100 *	60.0	262.0	6,600 *	62.6	257.0	4,500 *
210	100	190	54.8	257.4	7,000 *	57.7	254.8	6,300 *	60.3	249.6	4,200 *
210	100	200	52.5	249.6	6,800 *	55.4	246.9	5,700 *	57.9	241.6	3,800 *
210	100	210	50.1	241.1	6,600 *	53.0	238.3	5,300 *	55.4	232.8	3,400 *
210	100	220	47.6	231.8	6,500 *	50.4	229.0	5,000 *	52.8	223.2	3,200 *
210	100	230	45.0	221.7	6,300 *	47.8	218.7	4,600 *	50.1	212.6	2,900 *
210	100	240	42.3	210.6	6,000 *	45.0	207.5	4,300 *	47.2	201.0	2,700 *
210	100	250	39.3	198.4	5,600 *	42.0	195.0	4,000 *			
210	100	260	36.2	184.7	5,300 *	38.9	181.1	3,700 *			
210	100	270	32.9	169.3	5,000 *	35.4	165.3	3,600 *			
210	100	280	29.1	151.5	4,500 *						
220	30	50	79.9	255.2	40,000 *	81.0	254.4	40,000 *			
220	30	60	77.6	253.1	40,000 *	78.7	252.3	40,000 *	79.8	250.7	40,000 *
220	30	70	75.2	250.6	40,000 *	76.4	249.8	40,000 *	77.4	248.1	40,000 *
220	30	80	72.9	247.6	40,000 *	74.0	246.8	40,000 *	75.0	245.1	40,000 *
220	30	90	70.5	244.2	40,000 *	71.6	243.3	40,000 *	72.6	241.7	39,700 *
220	30	100	68.0	240.3	40,000 *	69.1	239.4	40,000 *	70.1	237.7	37,700 *
220	30	110	65.5	235.9	37,800	66.6	235.0	38,300	67.6	233.2	35,000 *
220	30	120	63.0	230.9	33,600	64.1	230.0	34,000	65.0	228.2	32,200 *
220	30	130	60.4	225.4	29,600	61.5	224.5	30,000	62.4	222.6	29,400 *
220	30	140	57.8	219.3	26,300	58.8	218.3	26,600	59.7	216.4	26,900
220	30	150	55.0	212.5	23,500	56.1	211.5	23,700	56.9	209.5	24,000
220	30	160	52.2	204.9	21,000	53.2	203.9	21,200	54.0	201.9	21,500
220	30	170	49.2	196.6	18,900	50.2	195.5	19,000	51.0	193.4	19,200
220	30	180	46.1	187.3	17,000	47.1	186.1	17,100	47.9	183.9	17,300
220	30	190	42.8	176.9	15,300	43.8	175.7	15,400			
220	30	200	39.3	165.2	13,800	40.3	163.9	13,900			
220	30	210	35.5	151.8	12,500	36.4	150.4	12,500			
220	30	220	31.3	136.3	11,300						
220	30	230	26.6	117.8	10,200						
220	40	50	80.5	265.4	36,000 *	81.9	264.3	35,900 *			
220	40	60	78.2	263.3	36,000 *	79.7	262.3	35,700 *	81.1	260.2	34,600 *
220	40	70	76.0	260.9	36,000 *	77.4	259.9	35,400 *	78.8	257.7	34,500 *
220	40	80	73.7	258.1	36,000 *	75.2	257.0	35,100 *	76.5	254.9	34,300 *
220	40	90	71.4	254.8	35,500 *	72.9	253.7	34,000 *	74.2	251.5	32,900 *
220	40	100	69.1	251.1	33,400 *	70.5	249.9	32,100 *	71.8	247.7	31,100 *
220	40	110	66.7	246.8	31,500 *	68.1	245.7	30,300 *	69.4	243.5	29,200 *
220	40	120	64.3	242.1	29,700 *	65.7	241.0	28,700 *	67.0	238.7	26,700 *
220	40	130	61.8	236.9	28,000 *	63.2	235.7	27,200 *	64.4	233.4	24,500 *
220	40	140	59.3	231.1	26,500 *	60.7	229.9	25,800 *	61.9	227.5	22,200 *
220	40	150	56.7	224.6	23,800	58.1	223.4	24,200	59.2	220.9	20,200 *
220	40	160	54.0	217.5	21,400	55.4	216.2	21,700	56.5	213.7	18,500 *
220	40	170	51.3	209.7	19,200	52.6	208.3	19,500	53.7	205.7	17,200 *
220	40	180	48.4	201.0	17,300	49.7	199.6	17,500	50.7	196.8	15,800 *
220	40	190	45.3	191.4	15,600	46.6	189.9	15,800	47.6	187.0	14,500 *
220	40	200	42.1	180.6	14,100	43.4	179.1	14,300			
220	40	210	38.7	168.6	12,800	39.9	166.9	12,900			

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+AB Cttwt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the Crane Rating Manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom									
			5 Degrees			15 Degrees			25 Degrees			
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	
220	40	220	35.0	154.9	11,600							
220	40	230	30.9	139.0	10,500							
220	40	240	26.2	120.0	9,500							
220	50	50	81.0	275.5	32,000 *							
220	50	60	78.9	273.6	32,000 *	80.6	272.3	31,600 *				
220	50	70	76.7	271.2	32,000 *	78.5	269.9	31,100 *	80.1	267.4	29,200 *	
220	50	80	74.5	268.5	32,000 *	76.3	267.2	30,500 *	77.9	264.6	27,600 *	
220	50	90	72.3	265.3	30,500 *	74.1	264.0	29,100 *	75.6	261.4	26,000 *	
220	50	100	70.1	261.8	28,600 *	71.8	260.4	27,400 *	73.4	257.8	24,600 *	
220	50	110	67.8	257.7	26,800 *	69.5	256.4	25,800 *	71.1	253.7	23,400 *	
220	50	120	65.5	253.2	25,200 *	67.2	251.8	24,300 *	68.7	249.1	22,000 *	
220	50	130	63.2	248.2	23,700 *	64.8	246.8	22,900 *	66.3	244.0	20,000 *	
220	50	140	60.7	242.7	22,300 *	62.4	241.2	21,700 *	63.9	238.4	18,200 *	
220	50	150	58.3	236.6	21,000 *	59.9	235.1	20,500 *	61.4	232.2	16,400 *	
220	50	160	55.7	229.8	19,900 *	57.4	228.3	19,200 *	58.8	225.3	14,900 *	
220	50	170	53.1	222.5	18,800 *	54.7	220.9	17,900 *	56.1	217.8	13,700 *	
220	50	180	50.4	214.3	17,600 *	52.0	212.7	16,500 *	53.3	209.4	12,700 *	
220	50	190	47.6	205.3	15,900 *	49.2	203.6	15,100 *	50.4	200.2	11,700 *	
220	50	200	44.6	195.4	14,400 *	46.2	193.6	14,200 *	47.4	190.0	10,600 *	
220	50	210	41.5	184.3	13,100	43.0	182.4	13,200				
220	50	220	38.1	171.9	11,800	39.6	169.9	12,000				
220	50	230	34.5	157.9	10,700	35.9	155.6	10,800				
220	50	240	30.5	141.6	9,700							
220	50	250	25.9	122.2	8,800							
220	60	50	81.5	285.6	26,900 *							
220	60	60	79.4	283.7	26,700 *	81.5	282.3	26,000 *				
220	60	70	77.4	281.5	26,600 *	79.4	280.0	25,600 *	81.3	277.1	23,900 *	
220	60	80	75.3	278.9	26,400 *	77.3	277.4	25,100 *	79.2	274.4	22,400 *	
220	60	90	73.1	275.8	26,200 *	75.2	274.3	24,600 *	77.0	271.3	21,100 *	
220	60	100	71.0	272.4	24,800 *	73.0	270.9	23,700 *	74.8	267.8	20,000 *	
220	60	110	68.8	268.5	23,200 *	70.8	267.0	22,200 *	72.6	263.9	19,000 *	
220	60	120	66.6	264.2	21,700 *	68.6	262.6	20,900 *	70.4	259.5	17,800 *	
220	60	130	64.4	259.4	20,300 *	66.3	257.8	19,600 *	68.1	254.6	16,200 *	
220	60	140	62.1	254.1	19,100 *	64.0	252.5	18,500 *	65.7	249.2	14,600 *	
220	60	150	59.7	248.3	18,000 *	61.6	246.6	17,500 *	63.3	243.3	13,300 *	
220	60	160	57.3	241.9	16,900 *	59.2	240.2	16,300 *	60.9	236.8	12,100 *	
220	60	170	54.8	234.9	15,900 *	56.7	233.2	15,000 *	58.3	229.6	11,000 *	
220	60	180	52.3	227.3	15,100 *	54.1	225.4	13,800 *	55.7	221.7	10,100 *	
220	60	190	49.6	218.8	14,300 *	51.5	216.9	12,800 *	53.0	213.1	9,300 *	
220	60	200	46.8	209.6	13,500 *	48.7	207.6	11,800 *	50.1	203.5	8,500 *	
220	60	210	43.9	199.3	12,800 *	45.7	197.2	10,900 *	47.2	193.0	7,800 *	
220	60	220	40.9	188.0	12,100	42.6	185.7	10,300 *				
220	60	230	37.6	175.2	11,000	39.3	172.8	9,500 *				
220	60	240	34.0	160.8	10,000	35.7	158.2	8,900 *				
220	60	250	30.1	144.2	9,000							
220	60	260	25.6	124.3	8,200							
220	70	50	82.0	295.7	21,900 *							
220	70	60	80.0	293.9	21,600 *							

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+AB Cttwt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the Crane Rating Manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
220	70	70	78.0	291.8	21,300 *	80.3	290.1	20,100 *			
220	70	80	76.0	289.2	21,000 *	78.2	287.5	19,700 *	80.4	284.2	18,200 *
220	70	90	73.9	286.3	20,700 *	76.2	284.6	19,300 *	78.3	281.2	17,700 *
220	70	100	71.8	283.0	20,400 *	74.1	281.3	18,900 *	76.2	277.9	16,700 *
220	70	110	69.8	279.3	20,000 *	72.0	277.5	18,500 *	74.1	274.1	15,800 *
220	70	120	67.6	275.1	18,800 *	69.9	273.4	18,100 *	71.9	269.9	14,600 *
220	70	130	65.5	270.5	17,600 *	67.7	268.7	17,000 *	69.7	265.2	13,100 *
220	70	140	63.3	265.5	16,500 *	65.5	263.7	16,000 *	67.5	260.0	11,900 *
220	70	150	61.0	259.9	15,500 *	63.2	258.1	14,800 *	65.2	254.3	10,800 *
220	70	160	58.7	253.9	14,600 *	60.9	251.9	13,600 *	62.8	248.1	9,900 *
220	70	170	56.4	247.2	13,700 *	58.5	245.2	12,600 *	60.4	241.3	8,900 *
220	70	180	54.0	239.9	12,900 *	56.1	237.9	11,700 *	57.9	233.8	8,200 *
220	70	190	51.5	232.0	12,200 *	53.6	229.9	10,600 *	55.4	225.7	7,500 *
220	70	200	48.9	223.3	11,600 *	50.9	221.1	9,800 *	52.7	216.7	6,800 *
220	70	210	46.1	213.7	11,000 *	48.2	211.4	9,100 *	49.9	206.8	6,300 *
220	70	220	43.3	203.2	10,400 *	45.3	200.8	8,500 *	46.9	195.9	5,800 *
220	70	230	40.3	191.5	9,900 *	42.3	188.9	7,900 *			
220	70	240	37.1	178.5	9,500 *	39.0	175.7	7,300 *			
220	70	250	33.6	163.7	9,000 *	35.4	160.7	6,900 *			
220	70	260	29.7	146.7	8,400 *						
220	70	270	25.3	126.4	7,600 *						
220	80	60	80.5	304.1	17,700 *						
220	80	70	78.5	302.0	17,400 *	81.1	300.2	16,300 *			
220	80	80	76.6	299.6	17,100 *	79.1	297.7	15,900 *	81.5	294.0	14,400 *
220	80	90	74.6	296.7	16,800 *	77.2	294.9	15,500 *	79.5	291.2	14,200 *
220	80	100	72.6	293.6	16,500 *	75.1	291.7	15,100 *	77.5	287.9	13,900 *
220	80	110	70.6	290.0	16,200 *	73.1	288.1	14,700 *	75.4	284.3	13,100 *
220	80	120	68.6	286.0	15,800 *	71.1	284.0	14,300 *	73.4	280.2	11,800 *
220	80	130	66.5	281.6	15,400 *	69.0	279.6	14,100 *	71.2	275.7	10,600 *
220	80	140	64.4	276.7	14,400 *	66.9	274.7	13,500 *	69.1	270.7	9,700 *
220	80	150	62.3	271.4	13,500 *	64.7	269.4	12,300 *	66.9	265.3	8,600 *
220	80	160	60.1	265.6	12,700 *	62.5	263.5	11,400 *	64.6	259.3	7,900 *
220	80	170	57.8	259.3	11,900 *	60.2	257.1	10,400 *	62.3	252.8	7,100 *
220	80	180	55.5	252.3	11,300 *	57.9	250.1	9,600 *	60.0	245.7	6,600 *
220	80	190	53.1	244.8	10,600 *	55.5	242.5	8,800 *	57.5	238.0	5,900 *
220	80	200	50.7	236.6	10,000 *	53.0	234.2	8,200 *	55.0	229.5	5,500 *
220	80	210	48.1	227.6	9,500 *	50.4	225.2	7,600 *	52.4	220.2	5,100 *
220	80	220	45.5	217.8	9,000 *	47.7	215.2	7,000 *	49.6	210.0	4,600 *
220	80	230	42.7	207.0	8,600 *	44.9	204.2	6,500 *	46.7	198.8	4,300 *
220	80	240	39.7	195.0	8,100 *	41.9	192.1	6,100 *			
220	80	250	36.6	181.6	7,700 *	38.7	178.5	5,700 *			
220	80	260	33.1	166.5	7,200 *	35.2	163.1	5,300 *			
220	80	270	29.3	149.1	6,800 *						
220	90	60	81.0	314.2	13,800 *						
220	90	70	79.1	312.2	13,500 *	81.9	310.2	12,400 *			
220	90	80	77.2	309.9	13,200 *	80.0	307.9	12,000 *			
220	90	90	75.3	307.1	12,900 *	78.1	305.1	11,700 *	80.7	301.1	10,400 *
220	90	100	73.4	304.1	12,700 *	76.1	302.0	11,300 *	78.7	297.9	10,200 *
220	90	110	71.4	300.6	12,300 *	74.2	298.5	10,900 *	76.7	294.4	10,100 *

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+AB Ctw 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the Crane Rating Manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
220	90	120	69.5	296.8	11,900 *	72.2	294.7	10,500 *	74.7	290.5	9,800 *
220	90	130	67.5	292.5	11,500 *	70.2	290.4	10,300 *	72.7	286.2	8,800 *
220	90	140	65.4	287.9	11,100 *	68.1	285.7	10,200 *	70.6	281.4	7,900 *
220	90	150	63.4	282.8	10,700 *	66.1	280.6	10,000 *	68.5	276.2	7,200 *
220	90	160	61.3	277.2	10,400 *	63.9	275.0	9,500 *	66.3	270.5	6,500 *
220	90	170	59.1	271.1	10,300 *	61.8	268.8	8,700 *	64.1	264.2	5,800 *
220	90	180	56.9	264.6	9,900 *	59.6	262.2	8,000 *	61.9	257.5	5,400 *
220	90	190	54.7	257.4	9,300 *	57.3	254.9	7,400 *	59.6	250.1	4,900 *
220	90	200	52.4	249.6	8,800 *	54.9	247.1	6,800 *	57.2	242.0	4,400 *
220	90	210	49.9	241.1	8,300 *	52.5	238.5	6,300 *	54.7	233.3	4,100 *
220	90	220	47.4	231.9	7,800 *	50.0	229.2	5,800 *	52.1	223.7	3,700 *
220	90	230	44.8	221.8	7,400 *	47.3	218.9	5,400 *	49.4	213.2	3,500 *
220	90	240	42.1	210.7	6,900 *	44.5	207.7	5,000 *	46.5	201.6	3,200 *
220	90	250	39.2	198.4	6,400 *	41.6	195.2	4,700 *			
220	90	260	36.1	184.7	6,000 *	38.4	181.3	4,400 *			
220	90	270	32.7	169.3	5,700 *						
220	90	280	29.0	151.6	5,400 *						
220	100	60	81.4	324.4	9,900 *						
220	100	70	79.6	322.4	9,600 *						
220	100	80	77.8	320.1	9,300 *	80.7	318.0	8,300 *			
220	100	90	75.9	317.5	9,000 *	78.9	315.3	8,100 *	81.7	311.0	7,400 *
220	100	100	74.1	314.5	8,800 *	77.0	312.3	8,000 *	79.8	308.0	7,300 *
220	100	110	72.2	311.2	8,500 *	75.1	309.0	7,800 *	77.9	304.6	7,200 *
220	100	120	70.3	307.5	8,300 *	73.2	305.3	7,600 *	76.0	300.8	7,000 *
220	100	130	68.4	303.4	8,100 *	71.3	301.1	7,400 *	74.0	296.6	6,900 *
220	100	140	66.4	298.9	7,900 *	69.3	296.6	7,300 *	72.0	292.0	6,500 *
220	100	150	64.4	294.0	7,700 *	67.3	291.7	7,100 *	70.0	287.0	5,800 *
220	100	160	62.4	288.7	7,500 *	65.3	286.3	7,000 *	67.9	281.5	5,300 *
220	100	170	60.4	282.9	7,300 *	63.2	280.4	6,900 *	65.8	275.5	4,800 *
220	100	180	58.3	276.6	7,200 *	61.1	274.1	6,500 *	63.6	269.0	4,400 *
220	100	190	56.1	269.7	7,000 *	58.9	267.2	6,000 *	61.4	262.0	4,000 *
220	100	200	53.9	262.3	6,900 *	56.7	259.7	5,600 *	59.1	254.4	3,700 *
220	100	210	51.6	254.3	6,700 *	54.4	251.5	5,200 *	56.8	246.0	3,300 *
220	100	220	49.2	245.6	6,500 *	52.0	242.7	4,800 *	54.3	237.0	3,100 *
220	100	230	46.8	236.1	6,100 *	49.5	233.1	4,500 *	51.8	227.1	2,800 *
220	100	240	44.2	225.7	5,800 *	46.9	222.6	4,200 *	49.1	216.3	2,600 *
220	100	250	41.5	214.3	5,400 *	44.2	211.0	3,900 *	46.3	204.4	2,400 *
220	100	260	38.7	201.8	5,100 *	41.3	198.3	3,600 *			
220	100	270	35.6	187.8	4,800 *	38.2	184.0	3,400 *			
220	100	280	32.3	172.1	4,500 *						
220	100	290	28.6	154.0	4,300 *						
230	30	50	80.3	265.4	40,000 *	81.4	264.6	40,000 *			
230	30	60	78.1	263.4	40,000 *	79.1	262.6	40,000 *	80.2	260.9	40,000 *
230	30	70	75.8	261.0	40,000 *	76.9	260.1	40,000 *	77.9	258.5	40,000 *
230	30	80	73.5	258.1	40,000 *	74.6	257.3	40,000 *	75.6	255.6	40,000 *
230	30	90	71.2	254.8	40,000 *	72.3	254.0	40,000 *	73.3	252.3	40,000 *
230	30	100	68.9	251.1	40,000 *	70.0	250.2	40,000 *	70.9	248.5	35,400 *
230	30	110	66.5	246.9	37,500	67.6	246.0	38,000	68.5	244.2	32,200 *
230	30	120	64.1	242.2	33,200	65.2	241.3	33,100 *	66.1	239.5	29,700 *

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+AB Ctw 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the Crane Rating Manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
230	30	130	61.7	236.9	29,300	62.7	236.0	29,600	63.6	234.2	27,100 *
230	30	140	59.1	231.1	26,000	60.2	230.1	26,300	61.0	228.3	24,900 *
230	30	150	56.5	224.7	23,100	57.5	223.7	23,400	58.4	221.8	22,900 *
230	30	160	53.9	217.6	20,700	54.9	216.6	20,900	55.7	214.6	21,100
230	30	170	51.1	209.7	18,500	52.1	208.7	18,700	52.9	206.6	18,900
230	30	180	48.2	201.0	16,600	49.2	200.0	16,800	49.9	197.8	17,000
230	30	190	45.2	191.4	15,000	46.1	190.3	15,100	46.8	188.0	15,200
230	30	200	41.9	180.7	13,500	42.9	179.5	13,500			
230	30	210	38.5	168.6	12,100	39.4	167.3	12,200			
230	30	220	34.8	154.9	10,900	35.7	153.5	10,900			
230	30	230	30.7	139.0	9,800						
230	30	240	26.0	120.1	8,800						
230	40	50	80.8	275.5	36,000 *						
230	40	60	78.7	273.6	36,000 *	80.1	272.5	35,700 *	81.4	270.4	34,600 *
230	40	70	76.5	271.2	36,000 *	77.9	270.2	35,400 *	79.2	268.1	34,500 *
230	40	80	74.3	268.5	36,000 *	75.7	267.4	35,100 *	77.0	265.3	34,100 *
230	40	90	72.1	265.4	34,900 *	73.5	264.3	33,400 *	74.8	262.1	32,300 *
230	40	100	69.9	261.8	32,900 *	71.3	260.7	31,600 *	72.5	258.5	30,200 *
230	40	110	67.6	257.7	31,000 *	69.0	256.6	29,900 *	70.2	254.4	27,400 *
230	40	120	65.3	253.2	29,200 *	66.7	252.1	28,300 *	67.9	249.8	24,800 *
230	40	130	63.0	248.2	27,600 *	64.3	247.1	26,800 *	65.5	244.7	22,800 *
230	40	140	60.6	242.7	26,100 *	61.9	241.5	24,600 *	63.1	239.1	20,700 *
230	40	150	58.1	236.6	23,400	59.4	235.4	22,700 *	60.5	232.9	18,800 *
230	40	160	55.6	229.9	21,000	56.9	228.6	21,000 *	58.0	226.1	17,100 *
230	40	170	52.9	222.5	18,800	54.2	221.2	19,100	55.3	218.6	16,000 *
230	40	180	50.2	214.3	16,900	51.5	213.0	17,200	52.5	210.3	14,600 *
230	40	190	47.4	205.4	15,300	48.7	203.9	15,500	49.7	201.1	13,400 *
230	40	200	44.4	195.4	13,800	45.7	193.9	13,900	46.6	190.9	12,300 *
230	40	210	41.3	184.4	12,400	42.5	182.8	12,500			
230	40	220	38.0	172.0	11,200	39.1	170.3	11,300			
230	40	230	34.3	157.9	10,100	35.4	156.0	10,200			
230	40	240	30.3	141.6	9,100						
230	40	250	25.7	122.2	8,200						
230	50	50	81.3	285.6	32,000 *						
230	50	60	79.3	283.8	32,000 *	81.0	282.5	31,700 *			
230	50	70	77.2	281.5	32,000 *	78.9	280.2	31,200 *	80.5	277.7	29,300 *
230	50	80	75.1	278.9	32,000 *	76.8	277.6	30,600 *	78.3	275.0	27,900 *
230	50	90	73.0	275.9	30,100 *	74.6	274.6	28,700 *	76.2	271.9	26,300 *
230	50	100	70.8	272.4	28,200 *	72.5	271.1	27,000 *	74.0	268.5	25,000 *
230	50	110	68.6	268.6	26,500 *	70.3	267.2	25,500 *	71.8	264.5	22,800 *
230	50	120	66.4	264.2	24,900 *	68.1	262.9	24,000 *	69.6	260.1	20,700 *
230	50	130	64.2	259.5	23,400 *	65.8	258.1	22,600 *	67.3	255.3	18,800 *
230	50	140	61.9	254.2	22,000 *	63.5	252.7	21,300 *	64.9	249.9	17,100 *
230	50	150	59.5	248.4	20,800 *	61.1	246.9	19,600 *	62.5	244.0	15,600 *
230	50	160	57.1	242.0	19,600 *	58.7	240.5	17,900 *	60.1	237.5	14,000 *
230	50	170	54.7	235.0	18,600 *	56.2	233.4	16,700 *	57.6	230.3	12,900 *
230	50	180	52.1	227.3	17,200	53.6	225.7	15,300 *	54.9	222.5	11,800 *
230	50	190	49.4	218.9	15,500	51.0	217.2	14,000 *	52.2	213.9	10,900 *
230	50	200	46.7	209.6	14,000	48.2	207.9	13,100 *	49.4	204.4	10,100 *

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+AB Cttw 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the Crane Rating Manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
230	50	210	43.8	199.4	12,700	45.2	197.5	12,100 *	46.4	193.8	9,300 *
230	50	220	40.7	188.0	11,500	42.1	186.0	11,300 *			
230	50	230	37.4	175.3	10,300	38.8	173.2	10,500			
230	50	240	33.8	160.9	9,300	35.2	158.5	9,400			
230	50	250	29.9	144.2	8,400						
230	50	260	25.4	124.4	7,600						
230	60	50	81.8	295.8	26,900 *						
230	60	60	79.8	293.9	26,800 *	81.8	292.5	26,100 *			
230	60	70	77.8	291.8	26,600 *	79.8	290.3	25,700 *	81.6	287.3	23,900 *
230	60	80	75.8	289.2	26,500 *	77.7	287.7	25,200 *	79.6	284.8	22,600 *
230	60	90	73.7	286.3	26,200 *	75.7	284.8	24,800 *	77.5	281.8	21,400 *
230	60	100	71.7	283.0	24,500 *	73.6	281.5	23,400 *	75.4	278.4	20,300 *
230	60	110	69.6	279.3	22,900 *	71.5	277.7	22,000 *	73.3	274.7	18,900 *
230	60	120	67.5	275.2	21,500 *	69.4	273.6	20,700 *	71.1	270.4	17,100 *
230	60	130	65.3	270.6	20,100 *	67.2	269.0	19,400 *	68.9	265.8	15,300 *
230	60	140	63.1	265.5	18,900 *	65.0	263.9	18,300 *	66.7	260.6	13,800 *
230	60	150	60.9	260.0	17,800 *	62.7	258.3	16,700 *	64.4	255.0	12,700 *
230	60	160	58.6	253.9	16,700 *	60.4	252.2	15,300 *	62.0	248.7	11,400 *
230	60	170	56.2	247.2	15,800 *	58.1	245.5	14,100 *	59.6	241.9	10,500 *
230	60	180	53.8	240.0	14,900 *	55.6	238.1	13,000 *	57.2	234.5	9,500 *
230	60	190	51.3	232.0	14,100 *	53.1	230.1	12,000 *	54.6	226.4	8,800 *
230	60	200	48.7	223.3	13,400 *	50.5	221.3	11,100 *	51.9	217.4	8,000 *
230	60	210	46.0	213.7	12,600 *	47.7	211.7	10,200 *	49.1	207.6	7,400 *
230	60	220	43.1	203.2	11,700	44.8	201.0	9,600 *	46.2	196.7	6,800 *
230	60	230	40.1	191.5	10,600	41.8	189.2	8,900 *			
230	60	240	36.9	178.5	9,600	38.5	176.0	8,300 *			
230	60	250	33.4	163.7	8,600						
230	60	260	29.5	146.7	7,800						
230	60	270	25.1	126.5	7,000						
230	70	60	80.3	304.1	21,700 *						
230	70	70	78.4	302.0	21,400 *	80.6	300.3	20,200 *			
230	70	80	76.4	299.6	21,100 *	78.6	297.9	19,800 *	80.7	294.5	18,200 *
230	70	90	74.5	296.8	20,800 *	76.7	295.1	19,400 *	78.7	291.7	17,800 *
230	70	100	72.5	293.6	20,500 *	74.7	291.8	19,000 *	76.7	288.4	16,900 *
230	70	110	70.5	290.0	19,900 *	72.6	288.2	18,600 *	74.7	284.8	15,500 *
230	70	120	68.4	286.0	18,700 *	70.6	284.2	18,000 *	72.6	280.7	13,900 *
230	70	130	66.3	281.6	17,500 *	68.5	279.8	16,900 *	70.5	276.2	12,700 *
230	70	140	64.2	276.8	16,400 *	66.4	274.9	15,400 *	68.3	271.3	11,300 *
230	70	150	62.1	271.4	15,400 *	64.2	269.6	14,200 *	66.1	265.8	10,300 *
230	70	160	59.9	265.6	14,500 *	62.0	263.7	13,100 *	63.9	259.9	9,400 *
230	70	170	57.6	259.3	13,600 *	59.7	257.3	11,900 *	61.6	253.4	8,400 *
230	70	180	55.3	252.4	12,800 *	57.4	250.4	10,900 *	59.2	246.3	7,700 *
230	70	190	53.0	244.8	12,100 *	55.0	242.8	10,100 *	56.8	238.6	7,100 *
230	70	200	50.5	236.6	11,500 *	52.5	234.5	9,300 *	54.3	230.1	6,500 *
230	70	210	48.0	227.6	10,900 *	50.0	225.4	8,700 *	51.6	220.9	6,000 *
230	70	220	45.3	217.8	10,200 *	47.3	215.5	8,000 *	48.9	210.7	5,500 *
230	70	230	42.5	207.0	9,600 *	44.5	204.5	7,500 *	46.0	199.5	5,100 *
230	70	240	39.6	195.0	9,000 *	41.5	192.4	6,900 *			
230	70	250	36.4	181.7	8,400 *	38.3	178.8	6,400 *			

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+AB Ctw 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the Crane Rating Manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
230	70	260	33.0	166.6	7,900 *						
230	70	270	29.2	149.2	7,200						
230	80	60	80.8	314.3	17,800 *						
230	80	70	78.9	312.2	17,500 *	81.4	310.4	16,300 *			
230	80	80	77.0	309.9	17,200 *	79.5	308.0	15,900 *	81.8	304.3	14,400 *
230	80	90	75.1	307.2	16,900 *	77.6	305.3	15,600 *	79.9	301.5	14,200 *
230	80	100	73.2	304.1	16,600 *	75.6	302.2	15,200 *	77.9	298.4	14,000 *
230	80	110	71.3	300.6	16,300 *	73.7	298.7	14,800 *	75.9	294.9	12,700 *
230	80	120	69.3	296.8	15,900 *	71.7	294.8	14,400 *	73.9	291.0	11,400 *
230	80	130	67.3	292.6	15,300 *	69.7	290.6	14,000 *	71.9	286.6	10,300 *
230	80	140	65.3	287.9	14,300 *	67.7	285.9	12,900 *	69.8	281.9	9,300 *
230	80	150	63.2	282.8	13,400 *	65.6	280.7	11,900 *	67.7	276.7	8,300 *
230	80	160	61.1	277.2	12,600 *	63.5	275.1	10,900 *	65.6	271.0	7,600 *
230	80	170	59.0	271.2	11,900 *	61.3	269.0	9,900 *	63.4	264.8	6,800 *
230	80	180	56.8	264.6	11,200 *	59.1	262.4	9,200 *	61.1	258.0	6,300 *
230	80	190	54.5	257.4	10,500 *	56.8	255.1	8,300 *	58.8	250.6	5,800 *
230	80	200	52.2	249.6	9,900 *	54.5	247.3	7,800 *	56.4	242.6	5,200 *
230	80	210	49.8	241.1	9,400 *	52.0	238.7	7,300 *	53.9	233.9	4,800 *
230	80	220	47.3	231.9	8,700 *	49.5	229.4	6,600 *	51.4	224.3	4,500 *
230	80	230	44.7	221.8	8,100 *	46.9	219.2	6,100 *	48.6	213.9	4,000 *
230	80	240	41.9	210.7	7,700 *	44.1	207.9	5,700 *	45.8	202.3	3,800 *
230	80	250	39.0	198.4	7,300 *	41.1	195.5	5,300 *			
230	80	260	35.9	184.8	6,700 *	38.0	181.6	5,100 *			
230	80	270	32.6	169.4	6,300 *						
230	80	280	28.8	151.6	6,000 *						
230	90	60	81.2	324.4	13,800 *						
230	90	70	79.4	322.5	13,600 *						
230	90	80	77.6	320.2	13,300 *	80.3	318.1	12,100 *			
230	90	90	75.8	317.5	13,000 *	78.4	315.5	11,700 *	81.0	311.4	10,400 *
230	90	100	73.9	314.6	12,700 *	76.6	312.5	11,400 *	79.1	308.4	10,300 *
230	90	110	72.0	311.2	12,500 *	74.7	309.1	11,000 *	77.2	305.0	10,100 *
230	90	120	70.1	307.5	12,100 *	72.8	305.4	10,600 *	75.2	301.2	9,400 *
230	90	130	68.2	303.4	11,700 *	70.8	301.3	10,400 *	73.3	297.0	8,500 *
230	90	140	66.3	299.0	11,300 *	68.9	296.8	10,200 *	71.3	292.4	7,700 *
230	90	150	64.3	294.1	10,900 *	66.9	291.8	9,800 *	69.2	287.4	7,000 *
230	90	160	62.3	288.7	10,500 *	64.8	286.5	9,100 *	67.2	281.9	6,200 *
230	90	170	60.2	282.9	10,300 *	62.8	280.6	8,400 *	65.1	276.0	5,700 *
230	90	180	58.1	276.6	9,800 *	60.6	274.2	7,700 *	62.9	269.5	5,200 *
230	90	190	56.0	269.8	9,200 *	58.5	267.3	7,100 *	60.7	262.5	4,600 *
230	90	200	53.7	262.3	8,600 *	56.2	259.8	6,500 *	58.4	254.9	4,300 *
230	90	210	51.5	254.3	8,000 *	53.9	251.7	6,000 *	56.1	246.6	3,900 *
230	90	220	49.1	245.6	7,400 *	51.5	242.9	5,500 *	53.6	237.5	3,600 *
230	90	230	46.6	236.1	6,900 *	49.1	233.3	5,100 *	51.1	227.7	3,400 *
230	90	240	44.1	225.7	6,500 *	46.5	222.8	4,800 *	48.4	216.9	3,000 *
230	90	250	41.4	214.3	6,000 *	43.7	211.3	4,500 *	45.6	205.0	2,800 *
230	90	260	38.5	201.8	5,700 *	40.8	198.5	4,200 *			
230	90	270	35.5	187.8	5,300 *	37.7	184.3	3,900 *			
230	90	280	32.2	172.1	5,000 *						
230	90	290	28.5	154.0	4,800 *						

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+AB Ctw 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the Crane Rating Manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
230	100	60	81.7	334.5	9,900 *						
230	100	70	79.9	332.6	9,600 *						
230	100	80	78.1	330.4	9,400 *	81.0	328.2	8,400 *			
230	100	90	76.3	327.9	9,100 *	79.2	325.7	8,200 *	82.0	321.3	7,400 *
230	100	100	74.6	325.0	8,800 *	77.4	322.8	8,000 *	80.2	318.4	7,300 *
230	100	110	72.7	321.8	8,600 *	75.6	319.5	7,800 *	78.3	315.1	7,200 *
230	100	120	70.9	318.2	8,300 *	73.8	315.9	7,600 *	76.4	311.4	7,100 *
230	100	130	69.1	314.3	8,200 *	71.9	312.0	7,400 *	74.5	307.4	6,900 *
230	100	140	67.2	309.9	8,000 *	70.0	307.6	7,300 *	72.6	303.0	6,300 *
230	100	150	65.3	305.2	7,800 *	68.1	302.9	7,200 *	70.7	298.1	5,700 *
230	100	160	63.3	300.1	7,600 *	66.1	297.7	7,000 *	68.7	292.9	5,100 *
230	100	170	61.4	294.5	7,400 *	64.1	292.0	6,900 *	66.7	287.1	4,700 *
230	100	180	59.3	288.5	7,300 *	62.1	285.9	6,400 *	64.6	280.9	4,300 *
230	100	190	57.3	281.9	7,100 *	60.0	279.3	5,900 *	62.5	274.2	3,800 *
230	100	200	55.2	274.8	7,000 *	57.9	272.2	5,300 *	60.3	266.9	3,400 *
230	100	210	53.0	267.2	6,700 *	55.7	264.5	4,900 *	58.0	259.0	3,200 *
230	100	220	50.7	258.9	6,300 *	53.4	256.1	4,600 *	55.7	250.5	2,900 *
230	100	230	48.4	249.9	5,800 *	51.1	247.0	4,200 *	53.3	241.2	2,700 *
230	100	240	46.0	240.2	5,400 *	48.6	237.1	4,000 *	50.8	231.0	2,400 *
230	100	250	43.5	229.5	5,100 *	46.1	226.4	3,700 *	48.2	219.9	2,300 *
230	100	260	40.9	217.9	4,800 *	43.4	214.5	3,400 *	45.4	207.7	2,100 *
230	100	270	38.1	205.1	4,500 *	40.5	201.5	3,200 *			
230	100	280	35.0	190.8	4,300 *	37.5	187.0	3,000 *			
230	100	290	31.8	174.8	4,000 *						
230	100	300	28.2	156.3	3,800 *						
240	30	50	80.6	275.5	40,000 *	81.7	274.7	40,000 *			
240	30	60	78.5	273.6	40,000 *	79.6	272.8	40,000 *	80.5	271.1	40,000 *
240	30	70	76.3	271.3	40,000 *	77.4	270.4	40,000 *	78.4	268.8	40,000 *
240	30	80	74.2	268.5	40,000 *	75.2	267.7	40,000 *	76.2	266.0	40,000 *
240	30	90	72.0	265.4	40,000 *	73.0	264.5	40,000 *	73.9	262.8	35,700 *
240	30	100	69.7	261.8	40,000 *	70.7	260.9	37,900 *	71.7	259.2	32,700 *
240	30	110	67.5	257.8	34,700 *	68.5	256.9	32,800 *	69.4	255.2	29,800 *
240	30	120	65.1	253.3	32,100 *	66.2	252.4	30,100 *	67.0	250.6	27,300 *
240	30	130	62.8	248.3	28,900 *	63.8	247.4	27,900 *	64.7	245.5	25,000 *
240	30	140	60.4	242.7	25,600 *	61.4	241.8	25,500 *	62.2	239.9	22,900 *
240	30	150	57.9	236.6	22,800 *	58.9	235.7	23,000 *	59.7	233.8	21,100 *
240	30	160	55.4	229.9	20,300 *	56.4	228.9	20,500 *	57.2	227.0	19,100 *
240	30	170	52.8	222.5	18,100 *	53.7	221.5	18,400 *	54.5	219.5	17,700 *
240	30	180	50.1	214.4	16,300 *	51.0	213.3	16,400 *	51.8	211.2	16,400 *
240	30	190	47.2	205.4	14,600 *	48.2	204.3	14,700 *	48.9	202.1	14,900 *
240	30	200	44.3	195.5	13,100 *	45.2	194.3	13,200 *	45.9	192.0	13,300 *
240	30	210	41.1	184.4	11,700 *	42.0	183.2	11,800 *			
240	30	220	37.8	172.0	10,500 *	38.6	170.7	10,600 *			
240	30	230	34.1	158.0	9,400 *						
240	30	240	30.1	141.7	8,400 *						
240	30	250	25.5	122.3	7,500 *						
240	40	50	81.2	285.7	36,000 *						
240	40	60	79.1	283.8	36,000 *	80.5	282.7	35,700 *	81.7	280.6	34,600 *
240	40	70	77.0	281.6	36,000 *	78.4	280.5	35,500 *	79.6	278.4	34,500 *

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+AB Cttwt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the Crane Rating Manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
240	40	80	74.9	278.9	36,000 *	76.3	277.8	35,200 *	77.5	275.7	33,500 *
240	40	90	72.8	275.9	34,200 *	74.1	274.8	32,800 *	75.4	272.6	30,900 *
240	40	100	70.6	272.5	32,200 *	72.0	271.3	31,000 *	73.2	269.1	28,200 *
240	40	110	68.5	268.6	30,400 *	69.8	267.5	29,300 *	71.0	265.2	25,700 *
240	40	120	66.3	264.3	28,700 *	67.6	263.1	26,800 *	68.7	260.9	23,200 *
240	40	130	64.0	259.5	26,900 *	65.3	258.3	24,600 *	66.5	256.0	21,100 *
240	40	140	61.7	254.2	25,100 *	63.0	253.0	22,600 *	64.1	250.6	19,100 *
240	40	150	59.4	248.4	23,100	60.6	247.2	20,900 *	61.7	244.7	17,800 *
240	40	160	57.0	242.0	20,600	58.2	240.7	19,300 *	59.3	238.3	16,200 *
240	40	170	54.5	235.0	18,500	55.7	233.7	17,600 *	56.8	231.1	14,800 *
240	40	180	51.9	227.3	16,600	53.2	226.0	16,300 *	54.2	223.3	13,500 *
240	40	190	49.3	218.9	14,900	50.5	217.5	15,100	51.5	214.7	12,400 *
240	40	200	46.5	209.6	13,400	47.7	208.2	13,600	48.6	205.3	11,600 *
240	40	210	43.6	199.4	12,000	44.8	197.9	12,200	45.7	194.8	10,600 *
240	40	220	40.5	188.0	10,800	41.7	186.4	10,900			
240	40	230	37.2	175.3	9,700	38.4	173.6	9,800			
240	40	240	33.7	160.9	8,700						
240	40	250	29.7	144.3	7,800						
240	40	260	25.2	124.4	6,900						
240	50	50	81.6	295.8	32,000 *						
240	50	60	79.6	294.0	32,000 *	81.3	292.7	31,800 *			
240	50	70	77.6	291.8	32,000 *	79.3	290.5	31,300 *	80.8	288.0	29,300 *
240	50	80	75.6	289.3	31,600 *	77.2	288.0	30,100 *	78.8	285.4	28,200 *
240	50	90	73.6	286.4	29,600 *	75.2	285.0	28,300 *	76.7	282.4	26,200 *
240	50	100	71.5	283.0	27,800 *	73.1	281.7	26,600 *	74.6	279.1	23,900 *
240	50	110	69.4	279.3	26,000 *	71.0	278.0	25,100 *	72.5	275.3	21,600 *
240	50	120	67.3	275.2	24,500 *	68.9	273.8	23,500 *	70.3	271.1	19,400 *
240	50	130	65.1	270.6	23,000 *	66.7	269.2	21,600 *	68.1	266.4	17,600 *
240	50	140	62.9	265.5	21,700 *	64.5	264.1	20,000 *	65.9	261.3	16,000 *
240	50	150	60.7	260.0	20,500 *	62.2	258.5	18,200 *	63.6	255.6	14,600 *
240	50	160	58.4	253.9	19,200 *	59.9	252.4	16,600 *	61.3	249.4	13,400 *
240	50	170	56.0	247.3	17,800 *	57.6	245.7	15,500 *	58.9	242.7	12,000 *
240	50	180	53.6	240.0	16,300 *	55.1	238.4	14,200 *	56.4	235.3	11,100 *
240	50	190	51.1	232.0	15,200	52.6	230.4	13,000 *	53.8	227.1	10,200 *
240	50	200	48.5	223.3	13,700	50.0	221.6	12,100 *	51.2	218.2	9,400 *
240	50	210	45.8	213.8	12,300	47.3	212.0	11,100 *	48.4	208.4	8,600 *
240	50	220	43.0	203.2	11,100	44.4	201.4	10,400 *	45.5	197.6	7,900 *
240	50	230	39.9	191.6	10,000	41.3	189.6	9,600 *			
240	50	240	36.7	178.5	9,000	38.1	176.4	9,100			
240	50	250	33.2	163.8	8,000						
240	50	260	29.4	146.8	7,200						
240	60	60	80.2	304.1	26,800 *						
240	60	70	78.2	302.0	26,600 *	80.1	300.5	25,700 *	81.9	297.6	23,900 *
240	60	80	76.3	299.6	26,500 *	78.2	298.1	25,300 *	79.9	295.1	22,800 *
240	60	90	74.3	296.8	25,800 *	76.2	295.3	24,600 *	77.9	292.2	21,600 *
240	60	100	72.3	293.6	24,100 *	74.2	292.1	23,100 *	75.9	289.0	19,800 *
240	60	110	70.3	290.0	22,600 *	72.2	288.5	21,700 *	73.9	285.4	17,800 *
240	60	120	68.3	286.0	21,200 *	70.1	284.4	20,400 *	71.8	281.3	16,100 *
240	60	130	66.2	281.6	19,800 *	68.0	280.0	18,700 *	69.7	276.8	14,600 *

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+AB Cttw 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the Crane Rating Manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
240	60	140	64.1	276.8	18,700 *	65.9	275.1	17,200 *	67.5	271.9	13,200 *
240	60	150	61.9	271.5	17,500 *	63.7	269.8	15,700 *	65.3	266.5	11,900 *
240	60	160	59.7	265.6	16,500 *	61.5	263.9	14,400 *	63.1	260.5	10,800 *
240	60	170	57.5	259.3	15,600 *	59.3	257.6	13,200 *	60.8	254.1	10,000 *
240	60	180	55.2	252.4	14,600 *	56.9	250.6	12,200 *	58.5	247.0	9,000 *
240	60	190	52.8	244.9	13,400 *	54.6	243.0	11,200 *	56.0	239.3	8,300 *
240	60	200	50.4	236.6	12,500 *	52.1	234.7	10,300 *	53.5	230.9	7,500 *
240	60	210	47.8	227.7	11,700 *	49.5	225.7	9,500 *	50.9	221.7	7,000 *
240	60	220	45.1	217.8	10,800 *	46.8	215.7	8,900 *	48.2	211.5	6,400 *
240	60	230	42.4	207.0	10,000 *	44.0	204.8	8,200 *	45.3	200.4	6,000 *
240	60	240	39.4	195.1	9,200	41.0	192.7	7,700 *			
240	60	250	36.2	181.7	8,300	37.8	179.2	7,200 *			
240	60	260	32.8	166.6	7,400						
240	60	270	29.0	149.2	6,600						
240	70	60	80.6	314.3	21,700 *						
240	70	70	78.8	312.3	21,500 *	80.9	310.6	20,200 *			
240	70	80	76.9	309.9	21,200 *	79.0	308.2	19,900 *	81.0	304.8	18,300 *
240	70	90	75.0	307.2	20,900 *	77.1	305.5	19,500 *	79.1	302.1	18,000 *
240	70	100	73.1	304.1	20,600 *	75.2	302.4	19,100 *	77.2	298.9	16,600 *
240	70	110	71.1	300.7	19,700 *	73.2	298.9	18,700 *	75.2	295.4	14,700 *
240	70	120	69.1	296.8	18,400 *	71.2	295.0	17,500 *	73.2	291.5	13,400 *
240	70	130	67.2	292.6	17,300 *	69.2	290.8	15,900 *	71.1	287.2	12,100 *
240	70	140	65.1	287.9	16,200 *	67.2	286.1	14,600 *	69.1	282.4	10,900 *
240	70	150	63.1	282.8	15,200 *	65.1	280.9	13,400 *	67.0	277.2	9,900 *
240	70	160	61.0	277.3	14,300 *	63.0	275.3	12,100 *	64.8	271.5	8,900 *
240	70	170	58.8	271.2	13,500 *	60.9	269.2	11,200 *	62.6	265.3	8,100 *
240	70	180	56.6	264.6	12,700 *	58.6	262.6	10,400 *	60.4	258.6	7,400 *
240	70	190	54.4	257.4	11,800 *	56.4	255.4	9,600 *	58.1	251.3	6,700 *
240	70	200	52.0	249.6	10,900 *	54.0	247.5	8,800 *	55.7	243.3	6,200 *
240	70	210	49.6	241.2	10,300 *	51.6	239.0	8,000 *	53.2	234.5	5,600 *
240	70	220	47.1	231.9	9,500 *	49.1	229.6	7,400 *	50.6	225.0	5,200 *
240	70	230	44.5	221.8	8,900 *	46.4	219.4	6,900 *	47.9	214.6	4,800 *
240	70	240	41.8	210.7	8,200 *	43.7	208.2	6,500 *	45.1	203.1	4,500 *
240	70	250	38.9	198.5	7,600 *	40.7	195.8	6,000 *			
240	70	260	35.8	184.8	7,200 *	37.6	181.9	5,600 *			
240	70	270	32.4	169.4	6,800						
240	70	280	28.7	151.6	6,100						
240	80	60	81.1	324.4	17,800 *						
240	80	70	79.3	322.5	17,500 *	81.7	320.6	16,400 *			
240	80	80	77.4	320.2	17,300 *	79.8	318.3	16,000 *			
240	80	90	75.6	317.6	17,000 *	78.0	315.7	15,600 *	80.2	311.9	14,200 *
240	80	100	73.7	314.6	16,700 *	76.1	312.7	15,300 *	78.3	308.9	13,800 *
240	80	110	71.9	311.3	16,400 *	74.2	309.3	14,900 *	76.4	305.5	12,300 *
240	80	120	70.0	307.6	16,000 *	72.3	305.6	14,500 *	74.5	301.7	11,000 *
240	80	130	68.1	303.5	15,100 *	70.4	301.5	13,600 *	72.5	297.5	9,900 *
240	80	140	66.1	299.0	14,200 *	68.4	297.0	12,300 *	70.5	292.9	9,000 *
240	80	150	64.1	294.1	13,300 *	66.4	292.0	11,300 *	68.5	287.9	8,000 *
240	80	160	62.1	288.7	12,500 *	64.4	286.6	10,300 *	66.4	282.5	7,300 *
240	80	170	60.1	282.9	11,700 *	62.3	280.8	9,400 *	64.3	276.5	6,700 *

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+AB Cttw 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the Crane Rating Manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
240	80	180	58.0	276.6	11,000 *	60.2	274.4	8,800 *	62.2	270.1	6,000 *
240	80	190	55.8	269.8	10,200 *	58.0	267.5	8,000 *	60.0	263.0	5,600 *
240	80	200	53.6	262.4	9,400 *	55.8	260.1	7,300 *	57.7	255.4	5,000 *
240	80	210	51.3	254.3	8,800 *	53.5	251.9	6,800 *	55.4	247.2	4,600 *
240	80	220	48.9	245.6	8,300 *	51.1	243.1	6,300 *	52.9	238.2	4,200 *
240	80	230	46.5	236.1	7,600 *	48.6	233.5	5,800 *	50.4	228.3	3,900 *
240	80	240	43.9	225.7	7,100 *	46.0	223.0	5,300 *	47.7	217.6	3,600 *
240	80	250	41.2	214.4	6,700 *	43.3	211.5	5,100 *			
240	80	260	38.4	201.8	6,200 *	40.4	198.8	4,700 *			
240	80	270	35.3	187.9	5,800 *	37.3	184.6	4,500 *			
240	80	280	32.0	172.1	5,600 *						
240	80	290	28.3	154.0	5,200 *						
240	90	60	81.5	334.6	13,900 *						
240	90	70	79.7	332.7	13,600 *						
240	90	80	78.0	330.5	13,300 *	80.6	328.4	12,200 *			
240	90	90	76.2	327.9	13,100 *	78.8	325.8	11,800 *	81.3	321.7	10,400 *
240	90	100	74.4	325.0	12,800 *	77.0	322.9	11,400 *	79.4	318.8	10,300 *
240	90	110	72.6	321.8	12,500 *	75.2	319.7	11,100 *	77.6	315.5	10,100 *
240	90	120	70.8	318.2	12,200 *	73.3	316.1	10,700 *	75.7	311.9	9,200 *
240	90	130	68.9	314.3	11,800 *	71.5	312.1	10,400 *	73.8	307.8	8,200 *
240	90	140	67.0	310.0	11,500 *	69.6	307.8	10,300 *	71.9	303.4	7,500 *
240	90	150	65.1	305.2	11,100 *	67.6	303.0	9,400 *	69.9	298.6	6,600 *
240	90	160	63.2	300.1	10,700 *	65.7	297.8	8,600 *	68.0	293.3	6,100 *
240	90	170	61.2	294.5	10,300 *	63.7	292.2	7,900 *	65.9	287.6	5,500 *
240	90	180	59.2	288.5	9,500 *	61.7	286.1	7,400 *	63.9	281.4	4,900 *
240	90	190	57.1	281.9	8,700 *	59.6	279.5	6,600 *	61.8	274.7	4,500 *
240	90	200	55.0	274.9	8,100 *	57.5	272.4	6,200 *	59.6	267.4	4,100 *
240	90	210	52.8	267.2	7,500 *	55.3	264.7	5,700 *	57.3	259.5	3,800 *
240	90	220	50.6	258.9	7,000 *	53.0	256.3	5,300 *	55.0	251.0	3,400 *
240	90	230	48.3	249.9	6,500 *	50.7	247.2	4,800 *	52.6	241.7	3,100 *
240	90	240	45.9	240.2	6,000 *	48.2	237.3	4,500 *	50.1	231.6	2,900 *
240	90	250	43.4	229.6	5,700 *	45.7	226.6	4,200 *	47.5	220.6	2,700 *
240	90	260	40.7	217.9	5,300 *	43.0	214.8	3,900 *			
240	90	270	37.9	205.1	5,000 *	40.1	201.8	3,700 *			
240	90	280	34.9	190.9	4,700 *	37.1	187.2	3,400 *			
240	90	290	31.6	174.8	4,400 *						
240	90	300	28.0	156.4	4,200 *						
240	100	60	81.9	344.7	9,900 *						
240	100	70	80.2	342.8	9,700 *						
240	100	80	78.5	340.7	9,400 *	81.3	338.5	8,400 *			
240	100	90	76.8	338.2	9,200 *	79.6	336.0	8,200 *			
240	100	100	75.0	335.5	8,900 *	77.8	333.2	8,000 *	80.5	328.7	7,300 *
240	100	110	73.3	332.3	8,600 *	76.1	330.1	7,900 *	78.7	325.6	7,200 *
240	100	120	71.5	328.9	8,400 *	74.3	326.6	7,700 *	76.9	322.0	7,100 *
240	100	130	69.7	325.1	8,200 *	72.5	322.7	7,500 *	75.0	318.1	6,800 *
240	100	140	67.9	320.9	8,000 *	70.6	318.5	7,400 *	73.2	313.9	6,100 *
240	100	150	66.0	316.3	7,900 *	68.8	313.9	7,200 *	71.3	309.2	5,600 *
240	100	160	64.2	311.4	7,700 *	66.9	309.0	7,100 *	69.4	304.1	5,000 *
240	100	170	62.3	306.0	7,500 *	65.0	303.5	6,600 *	67.4	298.6	4,500 *

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+AB Cttwt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the Crane Rating Manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
240	100	180	60.3	300.2	7,300 *	63.0	297.7	6,100 *	65.4	292.7	4,100 *
240	100	190	58.4	293.9	7,200 *	61.0	291.4	5,600 *	63.4	286.2	3,700 *
240	100	200	56.3	287.2	6,900 *	59.0	284.5	5,200 *	61.3	279.3	3,400 *
240	100	210	54.3	279.8	6,400 *	56.9	277.1	4,800 *	59.2	271.7	3,100 *
240	100	220	52.1	272.0	5,900 *	54.7	269.2	4,400 *	57.0	263.6	2,800 *
240	100	230	49.9	263.4	5,500 *	52.5	260.6	4,100 *	54.7	254.8	2,600 *
240	100	240	47.7	254.2	5,100 *	50.2	251.2	3,800 *	52.4	245.2	2,300 *
240	100	250	45.3	244.2	4,800 *	47.8	241.1	3,500 *	49.9	234.8	2,200 *
240	100	260	42.8	233.3	4,500 *	45.3	230.1	3,300 *	47.3	223.5	2,000 *
240	100	270	40.2	221.5	4,300 *	42.7	218.0	3,000 *			
240	100	280	37.5	208.4	4,000 *	39.9	204.7	2,800 *			
240	100	290	34.5	193.8	3,700 *	36.8	189.8	2,700 *			
240	100	300	31.3	177.5	3,600 *						
240	100	310	27.7	158.7	3,400 *						
250	30	50	81.0	285.7	40,000 *						
250	30	60	78.9	283.8	40,000 *	79.9	283.0	40,000 *	80.9	281.4	40,000 *
250	30	70	76.8	281.6	40,000 *	77.8	280.7	40,000 *	78.8	279.1	40,000 *
250	30	80	74.7	279.0	40,000 *	75.7	278.1	40,000 *	76.7	276.4	39,200 *
250	30	90	72.6	275.9	40,000 *	73.6	275.1	38,500 *	74.5	273.4	33,500 *
250	30	100	70.5	272.5	37,800 *	71.5	271.6	33,400 *	72.4	269.9	30,300 *
250	30	110	68.3	268.6	32,600 *	69.3	267.7	30,700 *	70.2	266.0	28,000 *
250	30	120	66.1	264.3	30,400 *	67.1	263.4	28,300 *	67.9	261.6	25,500 *
250	30	130	63.8	259.5	28,100 *	64.8	258.6	26,200 *	65.7	256.8	23,500 *
250	30	140	61.5	254.2	25,200	62.5	253.3	23,900 *	63.3	251.5	21,800 *
250	30	150	59.2	248.4	22,300	60.1	247.5	22,300 *	61.0	245.6	19,900 *
250	30	160	56.8	242.0	19,900	57.7	241.1	20,200	58.5	239.1	18,200 *
250	30	170	54.3	235.0	17,700	55.2	234.0	18,000	56.0	232.0	16,800 *
250	30	180	51.7	227.4	15,800	52.7	226.3	16,100	53.4	224.2	15,500 *
250	30	190	49.1	218.9	14,100	50.0	217.9	14,400	50.7	215.7	14,500
250	30	200	46.3	209.7	12,600	47.2	208.5	12,800	47.9	206.3	13,000
250	30	210	43.4	199.4	11,300	44.3	198.2	11,500			
250	30	220	40.4	188.1	10,100	41.2	186.8	10,200			
250	30	230	37.1	175.4	8,900	37.9	174.0	9,100			
250	30	240	33.5	161.0	7,900						
250	30	250	29.6	144.3	7,000						
250	30	260	25.1	124.5	6,200						
250	40	50	81.5	295.8	36,000 *						
250	40	60	79.5	294.0	36,000 *	80.8	292.9	35,800 *			
250	40	70	77.5	291.8	36,000 *	78.8	290.8	35,500 *	80.0	288.6	34,500 *
250	40	80	75.4	289.3	36,000 *	76.7	288.2	34,100 *	77.9	286.1	32,000 *
250	40	90	73.4	286.4	33,600 *	74.7	285.3	32,200 *	75.9	283.1	29,000 *
250	40	100	71.3	283.1	31,600 *	72.6	282.0	30,000 *	73.8	279.8	26,600 *
250	40	110	69.2	279.4	29,800 *	70.5	278.2	27,500 *	71.7	276.0	23,900 *
250	40	120	67.1	275.2	27,600 *	68.4	274.1	25,500 *	69.5	271.8	21,900 *
250	40	130	65.0	270.6	25,600 *	66.2	269.5	23,400 *	67.3	267.2	20,000 *
250	40	140	62.8	265.6	23,500 *	64.0	264.4	21,500 *	65.1	262.0	18,000 *
250	40	150	60.5	260.0	21,900 *	61.8	258.8	19,800 *	62.8	256.4	16,800 *
250	40	160	58.2	253.9	20,200	59.5	252.7	18,300 *	60.5	250.2	15,300 *
250	40	170	55.9	247.3	18,000	57.1	246.0	16,600 *	58.1	243.5	13,900 *

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+AB Cttw 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the Crane Rating Manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
250	40	180	53.5	240.0	16,100	54.7	238.7	15,400 *	55.7	236.1	13,000 *
250	40	190	51.0	232.1	14,400	52.1	230.7	14,300 *	53.1	228.0	11,900 *
250	40	200	48.4	223.4	12,900	49.5	221.9	13,200	50.5	219.1	11,000 *
250	40	210	45.6	213.8	11,600	46.8	212.3	11,800	47.7	209.4	10,100 *
250	40	220	42.8	203.3	10,400	43.9	201.7	10,600			
250	40	230	39.8	191.6	9,200	40.9	190.0	9,400			
250	40	240	36.6	178.6	8,200	37.6	176.8	8,400			
250	40	250	33.1	163.8	7,300						
250	40	260	29.2	146.8	6,500						
250	50	50	81.9	305.9	32,000 *						
250	50	60	80.0	304.2	32,000 *	81.6	302.9	31,800 *			
250	50	70	78.1	302.1	32,000 *	79.6	300.8	31,400 *	81.1	298.2	29,400 *
250	50	80	76.1	299.6	31,000 *	77.7	298.3	29,600 *	79.1	295.7	27,500 *
250	50	90	74.1	296.8	29,100 *	75.7	295.5	27,800 *	77.1	292.9	24,800 *
250	50	100	72.1	293.6	27,300 *	73.7	292.3	26,200 *	75.1	289.6	22,700 *
250	50	110	70.1	290.0	25,600 *	71.7	288.7	24,400 *	73.1	286.0	20,200 *
250	50	120	68.1	286.1	24,100 *	69.6	284.7	22,300 *	71.0	282.0	18,400 *
250	50	130	66.0	281.7	22,700 *	67.5	280.3	20,400 *	68.9	277.5	16,700 *
250	50	140	63.9	276.8	21,300 *	65.4	275.4	18,900 *	66.8	272.6	15,200 *
250	50	150	61.8	271.5	19,600 *	63.3	270.0	17,100 *	64.6	267.2	13,900 *
250	50	160	59.6	265.7	18,200 *	61.1	264.2	15,800 *	62.4	261.2	12,500 *
250	50	170	57.3	259.3	16,800 *	58.8	257.8	14,600 *	60.1	254.8	11,500 *
250	50	180	55.0	252.4	15,600 *	56.5	250.9	13,300 *	57.7	247.8	10,600 *
250	50	190	52.6	244.9	14,500 *	54.1	243.3	12,400 *	55.3	240.1	9,700 *
250	50	200	50.2	236.7	13,200	51.6	235.0	11,600 *	52.8	231.7	8,900 *
250	50	210	47.6	227.7	11,800	49.1	226.0	10,600 *	50.2	222.5	8,200 *
250	50	220	45.0	217.9	10,600	46.4	216.0	9,800 *	47.5	212.4	7,700 *
250	50	230	42.2	207.1	9,500	43.6	205.1	9,100 *			
250	50	240	39.2	195.1	8,500	40.6	193.1	8,600 *			
250	50	250	36.1	181.7	7,600	37.4	179.5	7,800			
250	50	260	32.6	166.7	6,700						
250	50	270	28.8	149.3	5,900						
250	60	60	80.5	314.3	26,800 *						
250	60	70	78.6	312.3	26,700 *	80.4	310.8	25,800 *			
250	60	80	76.7	309.9	26,500 *	78.5	308.4	25,400 *	80.3	305.4	23,000 *
250	60	90	74.8	307.2	25,400 *	76.6	305.7	24,300 *	78.3	302.6	21,100 *
250	60	100	72.9	304.1	23,700 *	74.7	302.6	22,800 *	76.4	299.5	18,900 *
250	60	110	71.0	300.7	22,300 *	72.8	299.1	21,300 *	74.4	296.0	17,000 *
250	60	120	69.0	296.8	20,900 *	70.8	295.3	19,300 *	72.4	292.1	15,400 *
250	60	130	67.0	292.6	19,600 *	68.8	291.0	17,700 *	70.4	287.8	14,000 *
250	60	140	65.0	287.9	18,400 *	66.7	286.3	16,100 *	68.3	283.1	12,600 *
250	60	150	62.9	282.8	17,400 *	64.7	281.2	14,700 *	66.2	277.9	11,400 *
250	60	160	60.8	277.3	16,100 *	62.6	275.6	13,500 *	64.1	272.2	10,300 *
250	60	170	58.7	271.2	15,000 *	60.4	269.5	12,500 *	61.9	266.0	9,500 *
250	60	180	56.5	264.6	14,000 *	58.2	262.8	11,600 *	59.7	259.3	8,500 *
250	60	190	54.2	257.5	12,800 *	55.9	255.6	10,700 *	57.4	252.0	7,900 *
250	60	200	51.9	249.7	11,900 *	53.6	247.8	9,800 *	55.0	244.0	7,300 *
250	60	210	49.5	241.2	11,100 *	51.1	239.2	9,000 *	52.5	235.3	6,800 *
250	60	220	47.0	232.0	10,300 *	48.6	229.9	8,500 *	49.9	225.8	6,200 *

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+AB Cttwt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the Crane Rating Manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
250	60	230	44.4	221.9	9,800	46.0	219.7	7,900 *	47.3	215.4	5,800 *
250	60	240	41.6	210.8	8,700	43.2	208.5	7,200 *			
250	60	250	38.7	198.5	7,800	40.3	196.1	6,900 *			
250	60	260	35.6	184.8	6,900	37.1	182.2	6,500 *			
250	60	270	32.2	169.4	6,200						
250	60	280	28.5	151.7	5,400						
250	70	60	80.9	324.4	21,800 *						
250	70	70	79.1	322.5	21,500 *	81.2	320.8	20,300 *			
250	70	80	77.3	320.2	21,200 *	79.4	318.5	19,900 *	81.3	315.1	18,300 *
250	70	90	75.5	317.6	21,000 *	77.5	315.9	19,600 *	79.5	312.4	17,600 *
250	70	100	73.6	314.6	20,700 *	75.7	312.9	19,200 *	77.6	309.4	15,800 *
250	70	110	71.7	311.3	19,500 *	73.8	309.5	18,300 *	75.7	306.0	14,300 *
250	70	120	69.8	307.6	18,200 *	71.9	305.8	16,800 *	73.7	302.2	12,700 *
250	70	130	67.9	303.5	17,100 *	69.9	301.7	15,300 *	71.8	298.1	11,600 *
250	70	140	66.0	299.0	16,000 *	68.0	297.2	13,900 *	69.8	293.5	10,300 *
250	70	150	64.0	294.1	15,100 *	66.0	292.2	12,600 *	67.8	288.5	9,400 *
250	70	160	62.0	288.8	14,100 *	63.9	286.8	11,600 *	65.7	283.1	8,500 *
250	70	170	59.9	282.9	13,000 *	61.9	281.0	10,700 *	63.6	277.1	7,800 *
250	70	180	57.8	276.6	12,200 *	59.8	274.6	9,900 *	61.5	270.7	7,100 *
250	70	190	55.6	269.8	11,200 *	57.6	267.8	9,100 *	59.3	263.7	6,500 *
250	70	200	53.4	262.4	10,600 *	55.4	260.3	8,400 *	57.0	256.1	5,800 *
250	70	210	51.1	254.4	9,700 *	53.1	252.2	7,800 *	54.7	247.8	5,400 *
250	70	220	48.8	245.6	9,100 *	50.7	243.4	7,200 *	52.2	238.9	5,000 *
250	70	230	46.3	236.1	8,500 *	48.2	233.8	6,600 *	49.7	229.1	4,600 *
250	70	240	43.8	225.8	7,900 *	45.6	223.3	6,200 *	47.1	218.4	4,200 *
250	70	250	41.1	214.4	7,500 *	42.9	211.8	5,700 *			
250	70	260	38.2	201.9	6,900 *	40.0	199.1	5,500 *			
250	70	270	35.2	187.9	6,400	36.9	184.9	5,100 *			
250	70	280	31.9	172.2	5,600						
250	70	290	28.2	154.1	5,000						
250	80	60	81.4	334.6	17,900 *						
250	80	70	79.6	332.7	17,600 *	81.9	330.8	16,400 *			
250	80	80	77.8	330.5	17,300 *	80.1	328.6	16,100 *			
250	80	90	76.0	327.9	17,100 *	78.4	326.0	15,700 *	80.5	322.2	14,300 *
250	80	100	74.3	325.1	16,800 *	76.5	323.1	15,400 *	78.7	319.3	13,300 *
250	80	110	72.4	321.8	16,500 *	74.7	319.9	15,000 *	76.9	316.0	11,900 *
250	80	120	70.6	318.3	16,000 *	72.9	316.3	14,200 *	75.0	312.4	10,600 *
250	80	130	68.8	314.3	15,000 *	71.0	312.3	13,000 *	73.1	308.3	9,600 *
250	80	140	66.9	310.0	14,000 *	69.1	308.0	11,900 *	71.2	303.9	8,700 *
250	80	150	65.0	305.3	13,200 *	67.2	303.2	10,800 *	69.2	299.1	7,800 *
250	80	160	63.0	300.1	12,300 *	65.2	298.0	10,000 *	67.2	293.9	7,000 *
250	80	170	61.1	294.5	11,300 *	63.3	292.4	9,100 *	65.2	288.2	6,400 *
250	80	180	59.0	288.5	10,600 *	61.2	286.3	8,300 *	63.2	282.0	5,800 *
250	80	190	57.0	282.0	9,900 *	59.2	279.7	7,700 *	61.1	275.3	5,300 *
250	80	200	54.9	274.9	9,100 *	57.0	272.6	7,000 *	58.9	268.0	4,900 *
250	80	210	52.7	267.2	8,400 *	54.8	264.9	6,400 *	56.7	260.2	4,500 *
250	80	220	50.5	258.9	7,900 *	52.6	256.5	6,000 *	54.4	251.6	4,000 *
250	80	230	48.1	250.0	7,300 *	50.2	247.4	5,500 *	52.0	242.4	3,800 *
250	80	240	45.7	240.2	6,900 *	47.8	237.6	5,100 *	49.5	232.3	3,400 *

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+AB Cttwt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the Crane Rating Manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
250	80	250	43.2	229.6	6,400 *	45.2	226.8	4,900 *	46.9	221.3	3,200 *
250	80	260	40.6	218.0	6,000 *	42.6	215.0	4,500 *			
250	80	270	37.8	205.1	5,700 *	39.7	202.0	4,200 *			
250	80	280	34.8	190.9	5,300 *	36.7	187.5	3,900 *			
250	80	290	31.5	174.8	5,000 *						
250	80	300	27.9	156.4	4,500						
250	90	60	81.8	344.7	13,900 *						
250	90	70	80.0	342.9	13,700 *						
250	90	80	78.3	340.7	13,400 *	80.9	338.6	12,200 *			
250	90	90	76.6	338.3	13,100 *	79.1	336.2	11,900 *	81.5	332.0	10,400 *
250	90	100	74.9	335.5	12,900 *	77.4	333.4	11,500 *	79.8	329.2	10,300 *
250	90	110	73.1	332.4	12,600 *	75.6	330.2	11,200 *	78.0	326.0	10,000 *
250	90	120	71.3	328.9	12,300 *	73.8	326.7	10,800 *	76.2	322.5	9,000 *
250	90	130	69.6	325.1	12,000 *	72.0	322.9	10,500 *	74.3	318.6	8,000 *
250	90	140	67.7	320.9	11,600 *	70.2	318.7	10,000 *	72.5	314.3	7,200 *
250	90	150	65.9	316.3	11,200 *	68.4	314.1	9,100 *	70.6	309.7	6,500 *
250	90	160	64.0	311.4	10,700 *	66.5	309.1	8,300 *	68.7	304.6	5,800 *
250	90	170	62.1	306.0	9,900 *	64.6	303.7	7,700 *	66.7	299.1	5,300 *
250	90	180	60.2	300.2	9,100 *	62.6	297.9	6,900 *	64.8	293.2	4,800 *
250	90	190	58.2	293.9	8,500 *	60.6	291.5	6,500 *	62.7	286.7	4,300 *
250	90	200	56.2	287.2	7,800 *	58.6	284.7	6,000 *	60.7	279.8	4,000 *
250	90	210	54.1	279.9	7,300 *	56.5	277.3	5,500 *	58.5	272.3	3,600 *
250	90	220	52.0	272.0	6,700 *	54.3	269.4	5,100 *	56.3	264.1	3,300 *
250	90	230	49.8	263.5	6,200 *	52.1	260.8	4,700 *	54.1	255.4	3,000 *
250	90	240	47.5	254.2	5,900 *	49.8	251.4	4,400 *	51.7	245.8	2,800 *
250	90	250	45.1	244.3	5,400 *	47.4	241.3	4,000 *	49.2	235.5	2,600 *
250	90	260	42.7	233.4	5,100 *	44.9	230.3	3,800 *	46.7	224.2	2,400 *
250	90	270	40.1	221.5	4,800 *	42.3	218.2	3,500 *			
250	90	280	37.3	208.4	4,600 *	39.5	204.9	3,300 *			
250	90	290	34.4	193.8	4,300 *	36.4	190.1	3,100 *			
250	90	300	31.1	177.5	4,100 *						
250	90	310	27.6	158.7	3,800 *						
250	100	70	80.5	353.0	9,700 *						
250	100	80	78.8	351.0	9,500 *	81.6	348.7	8,400 *			
250	100	90	77.1	348.6	9,200 *	79.9	346.3	8,200 *			
250	100	100	75.5	345.9	9,000 *	78.2	343.6	8,100 *	80.8	339.1	7,400 *
250	100	110	73.8	342.8	8,700 *	76.5	340.6	7,900 *	79.0	336.0	7,200 *
250	100	120	72.0	339.5	8,500 *	74.7	337.2	7,700 *	77.3	332.6	7,100 *
250	100	130	70.3	335.8	8,300 *	73.0	333.5	7,500 *	75.5	328.8	6,600 *
250	100	140	68.6	331.8	8,100 *	71.2	329.4	7,400 *	73.7	324.7	6,000 *
250	100	150	66.8	327.4	7,900 *	69.4	325.0	7,300 *	71.9	320.2	5,400 *
250	100	160	65.0	322.6	7,700 *	67.6	320.2	7,100 *	70.0	315.3	4,900 *
250	100	170	63.1	317.4	7,600 *	65.8	314.9	6,500 *	68.2	310.0	4,400 *
250	100	180	61.3	311.8	7,400 *	63.9	309.3	5,900 *	66.3	304.3	3,900 *
250	100	190	59.4	305.8	7,100 *	62.0	303.2	5,400 *	64.3	298.1	3,600 *
250	100	200	57.4	299.3	6,600 *	60.0	296.7	4,900 *	62.3	291.4	3,300 *
250	100	210	55.4	292.3	6,200 *	58.0	289.6	4,500 *	60.3	284.2	2,900 *
250	100	220	53.4	284.8	5,800 *	56.0	282.0	4,200 *	58.2	276.5	2,700 *
250	100	230	51.3	276.6	5,400 *	53.8	273.8	3,900 *	56.0	268.1	2,400 *

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+AB Cttwt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the Crane Rating Manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
250	100	240	49.2	267.9	5,000 *	51.7	265.0	3,600 *	53.8	259.0	2,200 *
250	100	250	46.9	258.4	4,700 *	49.4	255.4	3,400 *	51.5	249.2	2,100 *
250	100	260	44.6	248.2	4,300 *	47.0	245.0	3,100 *			
250	100	270	42.2	237.1	4,100 *	44.6	233.7	2,900 *			
250	100	280	39.6	224.9	3,900 *	42.0	221.4	2,800 *			
250	100	290	36.9	211.6	3,600 *	39.2	207.8	2,600 *			
250	100	300	34.0	196.8	3,400 *	36.2	192.7	2,400 *			
250	100	310	30.8	180.1	3,200 *						
250	100	320	27.3	161.0	3,100 *						
260	30	50	81.3	295.8	40,000 *						
260	30	60	79.3	294.0	40,000 *	80.3	293.2	40,000 *	81.2	291.5	40,000 *
260	30	70	77.3	291.9	40,000 *	78.3	291.0	40,000 *	79.2	289.4	39,900 *
260	30	80	75.3	289.3	40,000 *	76.2	288.5	39,400 *	77.1	286.8	33,800 *
260	30	90	73.2	286.4	38,000 *	74.2	285.6	34,000 *	75.1	283.9	31,000 *
260	30	100	71.2	283.1	33,000 *	72.1	282.2	31,100 *	73.0	280.5	28,400 *
260	30	110	69.1	279.4	30,200 *	70.0	278.5	28,600 *	70.9	276.8	26,000 *
260	30	120	67.0	275.2	28,000 *	67.9	274.4	26,400 *	68.7	272.6	23,900 *
260	30	130	64.8	270.7	25,900 *	65.7	269.8	24,300 *	66.6	268.0	21,900 *
260	30	140	62.6	265.6	23,600 *	63.5	264.7	22,400 *	64.3	262.8	20,300 *
260	30	150	60.4	260.1	22,000 *	61.3	259.1	20,500 *	62.1	257.2	18,500 *
260	30	160	58.1	254.0	19,500 *	59.0	253.0	18,900 *	59.8	251.1	16,900 *
260	30	170	55.7	247.3	17,300 *	56.6	246.3	17,600 *	57.4	244.4	15,600 *
260	30	180	53.3	240.1	15,400 *	54.2	239.0	15,700 *	54.9	237.0	14,400 *
260	30	190	50.8	232.1	13,700 *	51.7	231.0	14,000 *	52.4	228.9	13,300 *
260	30	200	48.2	223.4	12,200 *	49.1	222.3	12,500 *	49.7	220.1	12,400 *
260	30	210	45.5	213.9	10,900 *	46.3	212.7	11,100 *	47.0	210.4	11,200 *
260	30	220	42.6	203.3	9,700 *	43.5	202.1	9,800 *			
260	30	230	39.6	191.7	8,600 *	40.4	190.4	8,700 *			
260	30	240	36.4	178.6	7,600 *	37.2	177.2	7,700 *			
260	30	250	32.9	163.9	6,600 *						
260	30	260	29.0	146.9	5,800 *						
260	40	50	81.7	305.9	36,000 *						
260	40	60	79.8	304.2	36,000 *	81.1	303.1	35,800 *			
260	40	70	77.9	302.1	36,000 *	79.2	301.0	35,600 *	80.3	298.9	32,800 *
260	40	80	75.9	299.6	36,000 *	77.2	298.6	33,300 *	78.4	296.4	29,900 *
260	40	90	74.0	296.8	32,800 *	75.2	295.7	30,400 *	76.4	293.6	27,200 *
260	40	100	72.0	293.6	30,200 *	73.2	292.5	28,000 *	74.4	290.3	24,600 *
260	40	110	70.0	290.1	27,900 *	71.2	288.9	25,700 *	72.3	286.7	22,500 *
260	40	120	67.9	286.1	25,700 *	69.1	284.9	23,700 *	70.3	282.7	20,300 *
260	40	130	65.9	281.7	23,500 *	67.1	280.5	21,700 *	68.2	278.2	18,800 *
260	40	140	63.7	276.8	21,900 *	65.0	275.7	20,000 *	66.0	273.3	17,000 *
260	40	150	61.6	271.5	20,100 *	62.8	270.3	18,400 *	63.8	267.9	15,600 *
260	40	160	59.4	265.7	18,500 *	60.6	264.5	17,000 *	61.6	262.0	14,400 *
260	40	170	57.2	259.4	17,100 *	58.3	258.1	15,400 *	59.3	255.6	13,100 *
260	40	180	54.9	252.5	15,800 *	56.0	251.2	14,300 *	57.0	248.6	12,200 *
260	40	190	52.5	244.9	14,100 *	53.6	243.6	13,200 *	54.6	240.9	11,100 *
260	40	200	50.0	236.7	12,600 *	51.2	235.3	12,400 *	52.1	232.6	10,300 *
260	40	210	47.5	227.7	11,200 *	48.6	226.3	11,500 *	49.5	223.4	9,600 *
260	40	220	44.8	217.9	10,000 *	45.9	216.4	10,200 *	46.8	213.4	8,900 *

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+AB Cttwt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the Crane Rating Manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
260	40	230	42.0	207.1	8,900	43.1	205.5	9,100			
260	40	240	39.1	195.1	7,800	40.1	193.4	8,000			
260	40	250	35.9	181.8	6,900	36.9	180.0	7,100			
260	40	260	32.5	166.7	6,100						
260	40	270	28.7	149.3	5,300						
260	50	60	80.3	314.3	32,000 *	81.9	313.0	31,900 *			
260	50	70	78.4	312.3	32,000 *	80.0	311.0	30,800 *	81.4	308.4	28,700 *
260	50	80	76.6	309.9	30,300 *	78.1	308.6	29,000 *	79.5	306.0	25,900 *
260	50	90	74.7	307.2	28,500 *	76.2	305.9	27,200 *	77.6	303.3	23,400 *
260	50	100	72.7	304.2	26,800 *	74.2	302.8	24,800 *	75.6	300.2	21,100 *
260	50	110	70.8	300.7	25,200 *	72.3	299.3	22,700 *	73.7	296.7	19,100 *
260	50	120	68.8	296.9	23,400 *	70.3	295.5	20,800 *	71.7	292.8	17,400 *
260	50	130	66.8	292.6	21,400 *	68.3	291.2	19,200 *	69.6	288.5	15,800 *
260	50	140	64.8	288.0	19,700 *	66.3	286.6	17,600 *	67.6	283.7	14,300 *
260	50	150	62.8	282.9	18,200 *	64.2	281.4	16,100 *	65.5	278.6	13,100 *
260	50	160	60.7	277.3	16,900 *	62.1	275.8	14,700 *	63.4	272.9	12,000 *
260	50	170	58.5	271.2	15,600 *	59.9	269.7	13,700 *	61.2	266.7	11,000 *
260	50	180	56.3	264.7	14,500 *	57.7	263.1	12,500 *	58.9	260.0	10,100 *
260	50	190	54.0	257.5	13,400 *	55.5	255.9	11,600 *	56.6	252.7	9,200 *
260	50	200	51.7	249.7	12,400 *	53.1	248.1	10,600 *	54.3	244.8	8,500 *
260	50	210	49.3	241.2	11,500 *	50.7	239.5	9,900 *	51.8	236.1	7,800 *
260	50	220	46.8	232.0	10,200 *	48.2	230.2	9,200 *	49.3	226.7	7,300 *
260	50	230	44.2	221.9	9,100 *	45.5	220.0	8,600 *	46.6	216.3	6,600 *
260	50	240	41.5	210.8	8,100 *	42.8	208.8	8,100 *			
260	50	250	38.6	198.5	7,200 *	39.9	196.5	7,400 *			
260	50	260	35.5	184.9	6,300 *	36.7	182.6	6,500 *			
260	50	270	32.1	169.5	5,500 *						
260	50	280	28.4	151.7	4,800 *						
260	60	60	80.8	324.5	26,900 *						
260	60	70	79.0	322.5	26,700 *	80.7	321.0	25,900 *			
260	60	80	77.1	320.2	26,600 *	78.9	318.7	25,400 *	80.6	315.7	22,100 *
260	60	90	75.3	317.6	24,900 *	77.1	316.1	23,900 *	78.7	313.0	19,900 *
260	60	100	73.4	314.6	23,300 *	75.2	313.1	21,900 *	76.8	310.0	18,100 *
260	60	110	71.6	311.3	21,900 *	73.3	309.7	19,800 *	74.9	306.6	16,200 *
260	60	120	69.7	307.6	20,600 *	71.4	306.0	18,300 *	73.0	302.8	14,700 *
260	60	130	67.8	303.5	19,200 *	69.5	301.9	16,600 *	71.1	298.7	13,100 *
260	60	140	65.8	299.0	17,900 *	67.5	297.4	15,300 *	69.1	294.1	12,000 *
260	60	150	63.8	294.1	16,400 *	65.5	292.5	13,900 *	67.1	289.1	10,800 *
260	60	160	61.8	288.8	15,100 *	63.5	287.1	12,900 *	65.0	283.7	9,800 *
260	60	170	59.7	283.0	14,100 *	61.4	281.2	11,800 *	62.9	277.8	9,000 *
260	60	180	57.6	276.7	12,800 *	59.3	274.9	10,800 *	60.8	271.4	8,200 *
260	60	190	55.5	269.8	12,000 *	57.1	268.0	9,900 *	58.6	264.4	7,500 *
260	60	200	53.3	262.4	11,200 *	54.9	260.5	9,200 *	56.3	256.8	6,900 *
260	60	210	51.0	254.4	10,400 *	52.6	252.4	8,600 *	54.0	248.6	6,400 *
260	60	220	48.6	245.7	9,600 *	50.2	243.6	8,000 *	51.6	239.6	5,900 *
260	60	230	46.2	236.2	8,900 *	47.8	234.1	7,300 *	49.0	229.9	5,400 *
260	60	240	43.6	225.8	8,400 *	45.2	223.6	6,800 *	46.4	219.2	5,100 *
260	60	250	40.9	214.4	7,400 *	42.5	212.1	6,400 *			
260	60	260	38.1	201.9	6,600 *	39.6	199.4	6,000 *			

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+AB Cttwt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the Crane Rating Manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
260	60	270	35.0	187.9	5,800	36.5	185.3	5,600 *			
260	60	280	31.7	172.2	5,000						
260	60	290	28.0	154.1	4,400						
260	70	60	81.2	334.6	21,800 *						
260	70	70	79.4	332.7	21,600 *	81.5	331.0	20,300 *			
260	70	80	77.7	330.5	21,300 *	79.7	328.8	20,000 *	81.6	325.3	18,400 *
260	70	90	75.9	327.9	21,000 *	77.9	326.2	19,600 *	79.8	322.8	16,900 *
260	70	100	74.1	325.1	20,500 *	76.1	323.3	19,000 *	78.0	319.8	15,300 *
260	70	110	72.3	321.9	19,200 *	74.3	320.1	17,200 *	76.1	316.6	13,600 *
260	70	120	70.5	318.3	17,900 *	72.4	316.5	15,800 *	74.3	312.9	12,300 *
260	70	130	68.6	314.3	16,800 *	70.6	312.5	14,400 *	72.4	308.9	11,100 *
260	70	140	66.7	310.0	15,800 *	68.7	308.2	13,100 *	70.5	304.5	10,000 *
260	70	150	64.8	305.3	14,600 *	66.8	303.4	12,000 *	68.5	299.7	9,000 *
260	70	160	62.9	300.1	13,300 *	64.8	298.2	11,000 *	66.5	294.5	8,200 *
260	70	170	60.9	294.6	12,500 *	62.8	292.6	10,200 *	64.5	288.8	7,300 *
260	70	180	58.9	288.5	11,400 *	60.8	286.5	9,400 *	62.5	282.6	6,800 *
260	70	190	56.8	282.0	10,600 *	58.7	280.0	8,600 *	60.4	275.9	6,100 *
260	70	200	54.7	274.9	9,800 *	56.6	272.8	8,000 *	58.2	268.7	5,700 *
260	70	210	52.5	267.3	9,200 *	54.4	265.1	7,300 *	56.0	260.8	5,200 *
260	70	220	50.3	259.0	8,400 *	52.1	256.8	6,800 *	53.7	252.3	4,700 *
260	70	230	48.0	250.0	7,800 *	49.8	247.7	6,200 *	51.3	243.1	4,400 *
260	70	240	45.6	240.3	7,400 *	47.4	237.9	5,800 *	48.8	233.1	4,000 *
260	70	250	43.1	229.6	6,900 *	44.8	227.1	5,500 *	46.2	222.1	3,700 *
260	70	260	40.4	218.0	6,400 *	42.2	215.3	5,100 *			
260	70	270	37.6	205.2	6,000	39.3	202.4	4,800 *			
260	70	280	34.6	190.9	5,300	36.3	187.9	4,500 *			
260	70	290	31.3	174.9	4,600						
260	70	300	27.7	156.5	4,000						
260	80	60	81.6	344.7	17,900 *						
260	80	70	79.9	342.9	17,600 *						
260	80	80	78.2	340.7	17,400 *	80.4	338.8	16,100 *			
260	80	90	76.5	338.3	17,100 *	78.7	336.3	15,800 *	80.8	332.5	14,200 *
260	80	100	74.7	335.5	16,900 *	77.0	333.5	15,400 *	79.0	329.7	12,900 *
260	80	110	73.0	332.4	16,600 *	75.2	330.4	14,900 *	77.3	326.5	11,400 *
260	80	120	71.2	328.9	15,800 *	73.4	326.9	13,500 *	75.5	323.0	10,200 *
260	80	130	69.4	325.1	14,800 *	71.6	323.1	12,300 *	73.6	319.1	9,200 *
260	80	140	67.6	320.9	13,800 *	69.8	318.9	11,300 *	71.8	314.9	8,300 *
260	80	150	65.8	316.4	12,800 *	67.9	314.3	10,200 *	69.9	310.2	7,500 *
260	80	160	63.9	311.4	11,700 *	66.0	309.3	9,500 *	68.0	305.1	6,700 *
260	80	170	62.0	306.1	10,800 *	64.1	303.9	8,600 *	66.1	299.7	6,200 *
260	80	180	60.1	300.2	9,900 *	62.2	298.1	7,800 *	64.1	293.7	5,500 *
260	80	190	58.1	294.0	9,300 *	60.2	291.7	7,300 *	62.1	287.3	5,000 *
260	80	200	56.1	287.2	8,600 *	58.2	284.9	6,700 *	60.0	280.4	4,600 *
260	80	210	54.0	279.9	7,900 *	56.1	277.5	6,200 *	57.9	272.9	4,200 *
260	80	220	51.8	272.0	7,500 *	53.9	269.6	5,800 *	55.7	264.8	3,900 *
260	80	230	49.6	263.5	6,900 *	51.7	261.0	5,300 *	53.4	256.0	3,500 *
260	80	240	47.4	254.3	6,400 *	49.4	251.7	4,900 *	51.1	246.5	3,300 *
260	80	250	45.0	244.3	6,000 *	47.0	241.6	4,500 *	48.6	236.2	3,000 *
260	80	260	42.5	233.4	5,600 *	44.5	230.6	4,300 *	46.0	224.9	2,800 *

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+AB Cttw 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the Crane Rating Manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
260	80	270	39.9	221.5	5,300 *	41.9	218.5	4,000 *			
260	80	280	37.2	208.4	5,000 *	39.1	205.2	3,800 *			
260	80	290	34.2	193.9	4,700 *	36.0	190.4	3,500 *			
260	80	300	31.0	177.5	4,100						
260	80	310	27.4	158.8	3,600						
260	90	60	82.0	354.8	13,900 *						
260	90	70	80.3	353.1	13,700 *						
260	90	80	78.7	351.0	13,500 *	81.1	348.9	12,300 *			
260	90	90	77.0	348.6	13,200 *	79.5	346.5	11,900 *	81.8	342.3	10,400 *
260	90	100	75.3	345.9	12,900 *	77.8	343.8	11,600 *	80.1	339.6	10,300 *
260	90	110	73.6	342.9	12,700 *	76.0	340.7	11,300 *	78.3	336.5	9,600 *
260	90	120	71.9	339.5	12,400 *	74.3	337.4	10,900 *	76.6	333.1	8,600 *
260	90	130	70.2	335.8	12,100 *	72.6	333.6	10,600 *	74.8	329.3	7,800 *
260	90	140	68.4	331.8	11,700 *	70.8	329.6	9,700 *	73.0	325.2	7,000 *
260	90	150	66.6	327.4	11,000 *	69.0	325.1	8,800 *	71.2	320.7	6,300 *
260	90	160	64.8	322.6	10,100 *	67.2	320.3	8,000 *	69.4	315.8	5,600 *
260	90	170	63.0	317.4	9,400 *	65.4	315.1	7,300 *	67.5	310.5	5,100 *
260	90	180	61.1	311.8	8,700 *	63.5	309.5	6,800 *	65.6	304.8	4,500 *
260	90	190	59.2	305.8	8,000 *	61.6	303.4	6,200 *	63.6	298.6	4,200 *
260	90	200	57.3	299.3	7,400 *	59.6	296.9	5,700 *	61.6	291.9	3,700 *
260	90	210	55.3	292.3	6,800 *	57.6	289.8	5,200 *	59.6	284.8	3,400 *
260	90	220	53.3	284.8	6,400 *	55.5	282.2	4,800 *	57.5	277.0	3,200 *
260	90	230	51.2	276.7	6,000 *	53.4	274.0	4,400 *	55.4	268.7	2,900 *
260	90	240	49.0	267.9	5,500 *	51.2	265.2	4,100 *	53.1	259.6	2,700 *
260	90	250	46.8	258.5	5,200 *	49.0	255.6	3,800 *	50.8	249.9	2,400 *
260	90	260	44.4	248.2	4,800 *	46.6	245.3	3,600 *	48.4	239.3	2,300 *
260	90	270	42.0	237.1	4,500 *	44.2	234.0	3,300 *	45.9	227.7	2,100 *
260	90	280	39.5	225.0	4,300 *	41.6	221.7	3,100 *			
260	90	290	36.7	211.6	4,000 *	38.8	208.1	2,900 *			
260	90	300	33.8	196.8	3,800 *	35.8	193.0	2,800 *			
260	90	310	30.7	180.1	3,600 *						
260	90	320	27.2	161.0	3,200						
260	100	70	80.7	363.2	9,800 *						
260	100	80	79.1	361.2	9,500 *	81.8	358.9	8,400 *			
260	100	90	77.5	358.9	9,300 *	80.2	356.6	8,300 *			
260	100	100	75.9	356.2	9,000 *	78.5	354.0	8,100 *	81.0	349.4	7,400 *
260	100	110	74.2	353.3	8,800 *	76.9	351.0	7,900 *	79.3	346.4	7,300 *
260	100	120	72.6	350.1	8,500 *	75.2	347.7	7,800 *	77.6	343.1	7,200 *
260	100	130	70.9	346.5	8,300 *	73.5	344.1	7,600 *	75.9	339.5	6,400 *
260	100	140	69.2	342.6	8,200 *	71.8	340.2	7,400 *	74.2	335.5	5,800 *
260	100	150	67.5	338.3	8,000 *	70.0	335.9	7,300 *	72.4	331.1	5,200 *
260	100	160	65.7	333.7	7,800 *	68.3	331.3	6,800 *	70.7	326.4	4,700 *
260	100	170	63.9	328.7	7,600 *	66.5	326.2	6,200 *	68.8	321.3	4,200 *
260	100	180	62.2	323.3	7,500 *	64.7	320.8	5,700 *	67.0	315.8	3,800 *
260	100	190	60.3	317.5	6,800 *	62.9	314.9	5,200 *	65.1	309.8	3,400 *
260	100	200	58.5	311.3	6,300 *	61.0	308.6	4,800 *	63.2	303.4	3,100 *
260	100	210	56.5	304.6	5,900 *	59.0	301.9	4,400 *	61.3	296.5	2,800 *
260	100	220	54.6	297.3	5,500 *	57.1	294.6	4,000 *	59.2	289.1	2,600 *
260	100	230	52.6	289.6	5,100 *	55.1	286.8	3,700 *	57.2	281.1	2,300 *

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+AB Cttwt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the Crane Rating Manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
260	100	240	50.5	281.3	4,700 *	53.0	278.3	3,500 *	55.1	272.5	2,100 *
260	100	250	48.4	272.3	4,400 *	50.8	269.3	3,200 *	52.9	263.2	2,000 *
260	100	260	46.2	262.6	4,100 *	48.6	259.5	3,000 *			
260	100	270	43.9	252.1	3,800 *	46.3	248.9	2,800 *			
260	100	280	41.5	240.8	3,600 *	43.8	237.3	2,600 *			
260	100	290	39.0	228.4	3,400 *	41.3	224.7	2,500 *			
260	100	300	36.3	214.7	3,200 *	38.6	210.9	2,300 *			
260	100	310	33.5	199.6	3,100 *	35.6	195.5	2,100 *			
260	100	320	30.3	182.7	2,900 *						
260	100	330	26.9	163.3	2,800 *						
270	30	50	81.6	306.0	40,000 *						
270	30	60	79.7	304.2	40,000 *	80.6	303.4	40,000 *	81.5	301.7	40,000 *
270	30	70	77.7	302.1	40,000 *	78.7	301.3	40,000 *	79.5	299.6	37,100 *
270	30	80	75.8	299.7	38,500 *	76.7	298.8	34,100 *	77.6	297.2	31,700 *
270	30	90	73.8	296.9	33,300 *	74.7	296.0	31,400 *	75.6	294.3	29,000 *
270	30	100	71.8	293.7	30,400 *	72.7	292.8	28,800 *	73.6	291.1	26,500 *
270	30	110	69.8	290.1	27,900 *	70.7	289.2	26,600 *	71.6	287.5	24,300 *
270	30	120	67.8	286.1	25,700 *	68.7	285.2	24,600 *	69.5	283.5	22,300 *
270	30	130	65.7	281.7	23,800 *	66.6	280.8	22,400 *	67.4	279.0	20,500 *
270	30	140	63.6	276.9	22,100 *	64.5	275.9	20,700 *	65.3	274.1	18,800 *
270	30	150	61.4	271.6	20,200 *	62.3	270.6	19,200 *	63.1	268.8	17,300 *
270	30	160	59.2	265.7	18,800 *	60.1	264.8	17,600 *	60.9	262.9	16,000 *
270	30	170	57.0	259.4	17,000 *	57.9	258.4	16,200 *	58.6	256.5	14,700 *
270	30	180	54.7	252.5	15,100 *	55.6	251.5	15,100 *	56.3	249.5	13,600 *
270	30	190	52.3	245.0	13,400 *	53.2	243.9	13,600 *	53.9	241.9	12,500 *
270	30	200	49.9	236.7	11,900 *	50.7	235.7	12,100 *	51.4	233.5	11,500 *
270	30	210	47.3	227.8	10,500 *	48.2	226.7	10,700 *	48.8	224.4	10,700 *
270	30	220	44.7	218.0	9,300 *	45.5	216.8	9,500 *	46.1	214.4	9,600 *
270	30	230	41.9	207.1	8,200 *	42.7	205.9	8,300 *			
270	30	240	38.9	195.2	7,200 *	39.7	193.9	7,300 *			
270	30	250	35.8	181.8	6,200 *	36.5	180.4	6,400 *			
270	30	260	32.3	166.8	5,400 *						
270	30	270	28.5	149.4	4,600 *						
270	40	60	80.2	314.4	36,000 *	81.4	313.3	35,900 *			
270	40	70	78.3	312.3	35,900 *	79.5	311.3	35,600 *	80.6	309.1	30,900 *
270	40	80	76.4	310.0	33,400 *	77.6	308.9	31,200 *	78.7	306.7	28,100 *
270	40	90	74.5	307.3	30,800 *	75.7	306.2	28,600 *	76.8	304.0	25,400 *
270	40	100	72.6	304.2	28,200 *	73.8	303.1	26,100 *	74.9	300.9	23,100 *
270	40	110	70.6	300.7	25,800 *	71.8	299.6	24,000 *	72.9	297.4	21,100 *
270	40	120	68.7	296.9	23,900 *	69.9	295.8	21,800 *	70.9	293.5	19,100 *
270	40	130	66.7	292.7	21,800 *	67.9	291.5	20,000 *	68.9	289.2	17,600 *
270	40	140	64.7	288.0	20,200 *	65.8	286.8	18,500 *	66.9	284.5	15,900 *
270	40	150	62.6	282.9	18,700 *	63.8	281.7	17,000 *	64.8	279.3	14,600 *
270	40	160	60.5	277.3	17,200 *	61.6	276.1	15,700 *	62.6	273.7	13,500 *
270	40	170	58.3	271.3	15,900 *	59.5	270.0	14,600 *	60.5	267.5	12,200 *
270	40	180	56.2	264.7	14,600 *	57.3	263.4	13,500 *	58.2	260.9	11,400 *
270	40	190	53.9	257.5	13,700 *	55.0	256.2	12,400 *	56.0	253.6	10,400 *
270	40	200	51.6	249.7	12,200 *	52.7	248.4	11,500 *	53.6	245.7	9,600 *
270	40	210	49.2	241.3	10,800 *	50.3	239.8	10,600 *	51.1	237.0	8,900 *

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+AB Cttwt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the Crane Rating Manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
270	40	220	46.7	232.0	9,600	47.7	230.6	9,900	48.6	227.6	8,200 *
270	40	230	44.1	221.9	8,500	45.1	220.4	8,700	45.9	217.3	7,700 *
270	40	240	41.3	210.8	7,500	42.4	209.2	7,700			
270	40	250	38.4	198.6	6,500	39.4	196.9	6,700			
270	40	260	35.3	184.9	5,700	36.3	183.1	5,800			
270	40	270	31.9	169.5	4,900						
270	40	280	28.2	151.8	4,200						
270	50	60	80.6	324.5	32,000 *						
270	50	70	78.8	322.5	31,600 *	80.3	321.2	30,100 *	81.7	318.6	27,100 *
270	50	80	77.0	320.3	29,600 *	78.5	318.9	28,100 *	79.8	316.3	24,500 *
270	50	90	75.1	317.6	27,900 *	76.6	316.3	25,600 *	78.0	313.7	22,000 *
270	50	100	73.3	314.7	25,700 *	74.8	313.3	23,200 *	76.1	310.6	19,800 *
270	50	110	71.4	311.3	23,700 *	72.9	310.0	21,300 *	74.2	307.3	18,000 *
270	50	120	69.5	307.6	21,800 *	71.0	306.2	19,500 *	72.3	303.5	16,500 *
270	50	130	67.6	303.5	20,000 *	69.0	302.1	18,000 *	70.3	299.4	14,900 *
270	50	140	65.6	299.1	18,400 *	67.1	297.6	16,300 *	68.4	294.8	13,500 *
270	50	150	63.7	294.2	16,900 *	65.1	292.7	15,200 *	66.3	289.9	12,300 *
270	50	160	61.7	288.8	15,600 *	63.1	287.3	13,800 *	64.3	284.4	11,300 *
270	50	170	59.6	283.0	14,400 *	61.0	281.5	12,800 *	62.2	278.5	10,300 *
270	50	180	57.5	276.7	13,400 *	58.9	275.2	11,700 *	60.1	272.1	9,500 *
270	50	190	55.3	269.9	12,400 *	56.7	268.3	10,900 *	57.9	265.2	8,700 *
270	50	200	53.1	262.5	11,400 *	54.5	260.8	9,900 *	55.6	257.6	8,000 *
270	50	210	50.8	254.4	10,700 *	52.2	252.7	9,200 *	53.3	249.4	7,300 *
270	50	220	48.5	245.7	9,900	49.8	244.0	8,500 *	50.9	240.5	6,900 *
270	50	230	46.0	236.2	8,700	47.3	234.4	8,000 *	48.4	230.8	6,200 *
270	50	240	43.5	225.8	7,700	44.8	223.9	7,500 *	45.8	220.2	5,900 *
270	50	250	40.8	214.5	6,800	42.0	212.5	6,900 *			
270	50	260	37.9	201.9	5,900	39.2	199.8	6,200			
270	50	270	34.9	188.0	5,200	36.1	185.7	5,300			
270	50	280	31.6	172.3	4,400						
270	50	290	27.9	154.2	3,800						
270	60	60	81.1	334.6	26,900 *						
270	60	70	79.3	332.7	26,700 *	81.0	331.2	25,900 *			
270	60	80	77.5	330.5	26,100 *	79.3	329.0	24,900 *	80.9	325.9	21,000 *
270	60	90	75.8	328.0	24,400 *	77.5	326.4	22,600 *	79.1	323.4	18,900 *
270	60	100	74.0	325.1	22,900 *	75.7	323.5	20,700 *	77.3	320.4	17,200 *
270	60	110	72.1	321.9	21,500 *	73.8	320.3	18,800 *	75.4	317.2	15,500 *
270	60	120	70.3	318.3	19,700 *	72.0	316.7	17,100 *	73.6	313.5	14,000 *
270	60	130	68.5	314.4	18,200 *	70.1	312.7	15,700 *	71.7	309.5	12,500 *
270	60	140	66.6	310.0	16,600 *	68.3	308.4	14,400 *	69.8	305.1	11,400 *
270	60	150	64.7	305.3	15,200 *	66.3	303.6	13,200 *	67.8	300.3	10,300 *
270	60	160	62.7	300.2	14,200 *	64.4	298.5	12,000 *	65.9	295.1	9,300 *
270	60	170	60.8	294.6	13,100 *	62.4	292.9	11,000 *	63.8	289.4	8,600 *
270	60	180	58.7	288.6	12,000 *	60.4	286.8	10,200 *	61.8	283.3	7,800 *
270	60	190	56.7	282.0	11,200 *	58.3	280.2	9,500 *	59.7	276.6	7,200 *
270	60	200	54.6	274.9	10,400 *	56.2	273.1	8,700 *	57.5	269.4	6,500 *
270	60	210	52.4	267.3	9,700 *	54.0	265.4	8,000 *	55.3	261.6	6,000 *
270	60	220	50.2	259.0	8,900 *	51.7	257.0	7,400 *	53.0	253.1	5,500 *
270	60	230	47.8	250.0	8,200 *	49.4	248.0	6,900 *	50.6	243.9	5,200 *

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+AB Cttwt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the Crane Rating Manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
270	60	240	45.4	240.3	7,700 *	47.0	238.2	6,400 *	48.2	233.9	4,700 *
270	60	250	42.9	229.7	7,000	44.4	227.4	6,000 *	45.6	223.0	4,400 *
270	60	260	40.3	218.0	6,200	41.7	215.7	5,600 *			
270	60	270	37.5	205.2	5,400	38.9	202.7	5,300 *			
270	60	280	34.5	191.0	4,700	35.9	188.3	4,900			
270	60	290	31.2	174.9	4,000						
270	60	300	27.6	156.5	3,400						
270	70	60	81.5	344.7	21,900 *						
270	70	70	79.8	342.9	21,600 *	81.7	341.2	20,400 *			
270	70	80	78.0	340.8	21,400 *	80.0	339.0	20,100 *	81.9	335.6	18,200 *
270	70	90	76.3	338.3	21,100 *	78.3	336.5	19,700 *	80.1	333.1	16,200 *
270	70	100	74.6	335.5	20,100 *	76.5	333.7	18,000 *	78.3	330.2	14,500 *
270	70	110	72.8	332.4	18,900 *	74.8	330.6	16,500 *	76.6	327.1	13,100 *
270	70	120	71.1	328.9	17,400 *	73.0	327.1	15,100 *	74.8	323.6	11,700 *
270	70	130	69.3	325.1	16,200 *	71.2	323.3	13,700 *	72.9	319.7	10,500 *
270	70	140	67.5	320.9	14,900 *	69.4	319.1	12,500 *	71.1	315.4	9,400 *
270	70	150	65.6	316.4	13,600 *	67.5	314.5	11,500 *	69.2	310.8	8,500 *
270	70	160	63.7	311.4	12,700 *	65.6	309.5	10,500 *	67.3	305.8	7,700 *
270	70	170	61.8	306.1	11,600 *	63.7	304.1	9,700 *	65.4	300.3	7,000 *
270	70	180	59.9	300.3	10,800 *	61.8	298.3	8,800 *	63.4	294.4	6,400 *
270	70	190	57.9	294.0	10,000 *	59.8	292.0	8,100 *	61.4	288.0	5,800 *
270	70	200	55.9	287.2	9,100 *	57.7	285.2	7,500 *	59.3	281.0	5,300 *
270	70	210	53.8	279.9	8,500 *	55.6	277.8	6,900 *	57.2	273.6	4,900 *
270	70	220	51.7	272.0	7,900 *	53.5	269.8	6,300 *	55.0	265.5	4,600 *
270	70	230	49.5	263.5	7,400 *	51.3	261.3	6,000 *	52.8	256.7	4,200 *
270	70	240	47.2	254.3	6,800 *	49.0	252.0	5,400 *	50.4	247.3	3,900 *
270	70	250	44.9	244.3	6,400 *	46.6	241.9	5,100 *	48.0	237.0	3,500 *
270	70	260	42.4	233.4	6,000 *	44.1	230.9	4,800 *	45.4	225.7	3,300 *
270	70	270	39.8	221.5	5,600	41.5	218.8	4,500 *			
270	70	280	37.0	208.5	4,900	38.7	205.6	4,200 *			
270	70	290	34.1	193.9	4,200	35.7	190.8	3,900 *			
270	70	300	30.9	177.6	3,600						
270	70	310	27.3	158.8	3,000						
270	80	60	81.8	354.9	17,900 *						
270	80	70	80.2	353.1	17,700 *						
270	80	80	78.5	351.0	17,400 *	80.7	349.1	16,200 *			
270	80	90	76.9	348.6	17,200 *	79.0	346.7	15,900 *	81.1	342.8	13,700 *
270	80	100	75.2	345.9	16,900 *	77.3	343.9	15,500 *	79.4	340.1	12,400 *
270	80	110	73.5	342.9	16,600 *	75.6	340.9	14,300 *	77.6	337.0	11,000 *
270	80	120	71.8	339.5	15,400 *	73.9	337.5	13,100 *	75.9	333.6	9,800 *
270	80	130	70.0	335.8	14,200 *	72.2	333.8	11,800 *	74.1	329.8	8,900 *
270	80	140	68.3	331.8	13,200 *	70.4	329.8	10,700 *	72.3	325.7	8,000 *
270	80	150	66.5	327.4	12,000 *	68.6	325.3	9,900 *	70.5	321.2	7,200 *
270	80	160	64.7	322.6	11,200 *	66.8	320.5	8,900 *	68.7	316.4	6,400 *
270	80	170	62.9	317.5	10,300 *	64.9	315.3	8,300 *	66.8	311.1	5,900 *
270	80	180	61.0	311.9	9,400 *	63.1	309.7	7,500 *	64.9	305.4	5,400 *
270	80	190	59.1	305.8	8,800 *	61.2	303.6	7,000 *	63.0	299.2	4,800 *
270	80	200	57.2	299.3	8,200 *	59.2	297.1	6,300 *	61.0	292.5	4,400 *
270	80	210	55.2	292.3	7,500 *	57.2	290.0	5,800 *	59.0	285.4	4,000 *

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+AB Cttw 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the Crane Rating Manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
270	80	220	53.1	284.8	7,000 *	55.1	282.4	5,400 *	56.9	277.7	3,700 *
270	80	230	51.0	276.7	6,400 *	53.0	274.2	5,000 *	54.7	269.3	3,400 *
270	80	240	48.9	267.9	6,000 *	50.9	265.4	4,600 *	52.5	260.3	3,100 *
270	80	250	46.6	258.5	5,700 *	48.6	255.9	4,300 *	50.2	250.6	2,900 *
270	80	260	44.3	248.3	5,200 *	46.2	245.5	4,000 *	47.8	240.0	2,700 *
270	80	270	41.9	237.1	4,900 *	43.8	234.3	3,700 *	45.3	228.5	2,500 *
270	80	280	39.3	225.0	4,600 *	41.2	221.9	3,500 *			
270	80	290	36.6	211.6	4,400 *	38.4	208.4	3,300 *			
270	80	300	33.7	196.8	3,800 *	35.5	193.3	3,100 *			
270	80	310	30.5	180.2	3,200 *						
270	80	320	27.0	161.1	2,600 *						
270	90	70	80.6	363.2	13,700 *						
270	90	80	79.0	361.2	13,500 *	81.4	359.1	12,300 *			
270	90	90	77.4	358.9	13,300 *	79.8	356.8	12,000 *			
270	90	100	75.7	356.3	13,000 *	78.1	354.1	11,700 *	80.4	349.9	10,300 *
270	90	110	74.1	353.3	12,800 *	76.5	351.2	11,300 *	78.7	346.9	9,300 *
270	90	120	72.4	350.1	12,500 *	74.8	347.9	11,000 *	77.0	343.6	8,300 *
270	90	130	70.7	346.5	12,200 *	73.1	344.3	10,100 *	75.3	340.0	7,400 *
270	90	140	69.0	342.6	11,400 *	71.4	340.4	9,200 *	73.5	336.0	6,600 *
270	90	150	67.3	338.4	10,400 *	69.6	336.1	8,400 *	71.8	331.6	6,000 *
270	90	160	65.6	333.7	9,600 *	67.9	331.5	7,700 *	70.0	326.9	5,500 *
270	90	170	63.8	328.7	8,900 *	66.1	326.4	7,000 *	68.2	321.8	4,800 *
270	90	180	62.0	323.3	8,200 *	64.3	321.0	6,400 *	66.4	316.3	4,400 *
270	90	190	60.2	317.5	7,700 *	62.5	315.1	5,900 *	64.5	310.4	3,900 *
270	90	200	58.3	311.3	7,100 *	60.6	308.8	5,400 *	62.6	304.0	3,600 *
270	90	210	56.4	304.6	6,600 *	58.7	302.1	4,900 *	60.6	297.1	3,300 *
270	90	220	54.5	297.4	6,100 *	56.7	294.8	4,600 *	58.6	289.7	3,000 *
270	90	230	52.5	289.6	5,600 *	54.7	287.0	4,200 *	56.6	281.7	2,800 *
270	90	240	50.4	281.3	5,200 *	52.6	278.6	3,900 *	54.4	273.1	2,500 *
270	90	250	48.3	272.3	4,900 *	50.4	269.5	3,600 *	52.2	263.9	2,300 *
270	90	260	46.1	262.6	4,600 *	48.2	259.7	3,400 *	50.0	253.8	2,100 *
270	90	270	43.8	252.2	4,200 *	45.9	249.1	3,100 *	47.6	243.0	2,000 *
270	90	280	41.4	240.8	4,000 *	43.5	237.6	2,900 *			
270	90	290	38.9	228.4	3,800 *	40.9	225.0	2,800 *			
270	90	300	36.2	214.8	3,500 *	38.2	211.2	2,600 *			
270	90	310	33.3	199.7	3,300 *	35.3	195.8	2,500 *			
270	90	320	30.2	182.7	2,800 *						
270	90	330	26.8	163.3	2,300 *						
270	100	70	81.0	373.4	9,800 *						
270	100	80	79.4	371.4	9,600 *						
270	100	90	77.8	369.2	9,300 *	80.4	366.9	8,300 *			
270	100	100	76.3	366.6	9,100 *	78.8	364.3	8,100 *	81.3	359.7	7,400 *
270	100	110	74.7	363.8	8,800 *	77.2	361.4	8,000 *	79.6	356.8	7,300 *
270	100	120	73.0	360.6	8,600 *	75.6	358.3	7,800 *	78.0	353.6	7,000 *
270	100	130	71.4	357.1	8,400 *	74.0	354.8	7,600 *	76.3	350.1	6,200 *
270	100	140	69.8	353.4	8,200 *	72.3	351.0	7,500 *	74.7	346.2	5,600 *
270	100	150	68.1	349.2	8,100 *	70.6	346.8	7,100 *	73.0	342.0	5,000 *
270	100	160	66.4	344.8	7,900 *	68.9	342.3	6,500 *	71.2	337.4	4,500 *
270	100	170	64.7	339.9	7,700 *	67.2	337.5	5,900 *	69.5	332.5	4,100 *

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+AB Ctw 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the Crane Rating Manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
270	100	180	63.0	334.7	7,200 *	65.5	332.2	5,400 *	67.7	327.2	3,600 *
270	100	190	61.2	329.1	6,600 *	63.7	326.6	5,000 *	65.9	321.4	3,300 *
270	100	200	59.4	323.1	6,100 *	61.9	320.5	4,500 *	64.1	315.3	3,000 *
270	100	210	57.6	316.7	5,700 *	60.0	314.0	4,200 *	62.2	308.6	2,700 *
270	100	220	55.7	309.7	5,300 *	58.1	307.0	3,900 *	60.3	301.5	2,500 *
270	100	230	53.8	302.3	4,800 *	56.2	299.5	3,500 *	58.3	293.9	2,200 *
270	100	240	51.8	294.3	4,500 *	54.2	291.5	3,300 *	56.3	285.7	2,000 *
270	100	250	49.8	285.8	4,200 *	52.2	282.8	3,100 *			
270	100	260	47.7	276.6	4,000 *	50.0	273.5	2,800 *			
270	100	270	45.5	266.7	3,700 *	47.8	263.5	2,600 *			
270	100	280	43.3	256.0	3,400 *	45.6	252.7	2,400 *			
270	100	290	40.9	244.4	3,200 *	43.2	240.9	2,300 *			
270	100	300	38.4	231.7	3,100 *	40.6	228.0	2,200 *			
270	100	310	35.8	217.9	2,900 *	38.0	213.9	2,100 *			
270	100	320	33.0	202.5	2,700 *						
270	100	330	29.9	185.2	2,400						
270	100	340	26.5	165.5	2,000						
280	30	50	81.9	316.1	40,000 *						
280	30	60	80.0	314.4	40,000 *	80.9	313.6	40,000 *	81.8	311.9	38,100 *
280	30	70	78.1	312.4	38,900 *	79.0	311.5	34,500 *	79.9	309.9	32,100 *
280	30	80	76.2	310.0	33,400 *	77.1	309.2	31,800 *	78.0	307.5	29,700 *
280	30	90	74.3	307.3	30,700 *	75.2	306.4	29,200 *	76.1	304.7	27,000 *
280	30	100	72.4	304.2	28,400 *	73.3	303.4	26,900 *	74.1	301.6	24,900 *
280	30	110	70.5	300.8	26,100 *	71.4	299.9	24,600 *	72.2	298.2	22,600 *
280	30	120	68.5	296.9	23,900 *	69.4	296.0	22,800 *	70.2	294.3	20,800 *
280	30	130	66.5	292.7	22,200 *	67.4	291.8	20,800 *	68.2	290.0	19,100 *
280	30	140	64.5	288.0	20,200 *	65.4	287.1	19,200 *	66.1	285.3	17,300 *
280	30	150	62.4	282.9	18,800 *	63.3	282.0	17,800 *	64.1	280.2	16,000 *
280	30	160	60.3	277.4	17,200 *	61.2	276.4	16,300 *	61.9	274.5	14,700 *
280	30	170	58.2	271.3	16,000 *	59.0	270.3	15,000 *	59.8	268.4	13,600 *
280	30	180	56.0	264.7	14,700	56.8	263.7	13,800 *	57.5	261.7	12,500 *
280	30	190	53.7	257.6	13,000	54.6	256.5	12,800 *	55.3	254.5	11,500 *
280	30	200	51.4	249.8	11,500	52.2	248.7	11,700	52.9	246.6	10,800 *
280	30	210	49.0	241.3	10,100	49.8	240.2	10,400	50.5	238.0	9,800 *
280	30	220	46.5	232.1	8,900	47.3	230.9	9,100	47.9	228.7	9,300
280	30	230	43.9	222.0	7,800	44.7	220.8	8,000	45.3	218.4	8,100
280	30	240	41.2	210.9	6,800	41.9	209.6	6,900			
280	30	250	38.3	198.6	5,900	39.0	197.3	6,000			
280	30	260	35.2	185.0	5,000	35.9	183.5	5,100			
280	30	270	31.8	169.6	4,200						
280	30	280	28.1	151.9	3,500						
280	40	60	80.5	324.5	36,000 *	81.7	323.4	35,900 *			
280	40	70	78.7	322.6	33,600 *	79.8	321.5	31,700 *	80.9	319.3	29,000 *
280	40	80	76.8	320.3	31,000 *	78.0	319.2	29,100 *	79.1	317.0	26,200 *
280	40	90	75.0	317.7	28,600 *	76.2	316.6	26,800 *	77.2	314.4	24,000 *
280	40	100	73.1	314.7	26,300 *	74.3	313.6	24,500 *	75.4	311.4	21,800 *
280	40	110	71.3	311.4	24,100 *	72.4	310.2	22,300 *	73.5	308.0	19,700 *
280	40	120	69.4	307.7	22,100 *	70.5	306.5	20,600 *	71.6	304.3	18,100 *
280	40	130	67.4	303.6	20,400 *	68.6	302.4	18,900 *	69.6	300.1	16,500 *

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+AB Cttw 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the Crane Rating Manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
280	40	140	65.5	299.1	18,700 *	66.6	297.9	17,400 *	67.6	295.6	14,900 *
280	40	150	63.5	294.2	17,400 *	64.6	293.0	15,900 *	65.6	290.6	13,900 *
280	40	160	61.5	288.8	16,000 *	62.6	287.6	14,500 *	63.6	285.2	12,600 *
280	40	170	59.4	283.0	14,700 *	60.6	281.8	13,400 *	61.5	279.3	11,600 *
280	40	180	57.3	276.7	13,500 *	58.4	275.5	12,400 *	59.4	272.9	10,600 *
280	40	190	55.2	269.9	12,600 *	56.3	268.6	11,400 *	57.2	266.0	9,700 *
280	40	200	53.0	262.5	11,600 *	54.1	261.1	10,500 *	55.0	258.5	9,000 *
280	40	210	50.7	254.4	10,400 *	51.8	253.1	9,900 *	52.6	250.3	8,300 *
280	40	220	48.3	245.7	9,200 *	49.4	244.3	9,200 *	50.2	241.4	7,800 *
280	40	230	45.9	236.2	8,100 *	46.9	234.7	8,300 *	47.7	231.8	7,100 *
280	40	240	43.3	225.9	7,100 *	44.3	224.3	7,300 *	45.1	221.2	6,600 *
280	40	250	40.6	214.5	6,100 *	41.6	212.9	6,400 *			
280	40	260	37.8	202.0	5,300 *	38.8	200.2	5,500 *			
280	40	270	34.7	188.0	4,500 *	35.7	186.1	4,700 *			
280	40	280	31.4	172.3	3,800 *						
280	40	290	27.7	154.2	3,100 *						
280	50	60	80.9	334.7	32,000 *						
280	50	70	79.1	332.8	30,700 *	80.6	331.4	28,800 *	81.9	328.8	25,500 *
280	50	80	77.4	330.5	28,600 *	78.8	329.2	26,300 *	80.2	326.6	23,200 *
280	50	90	75.6	328.0	26,400 *	77.0	326.7	24,000 *	78.4	324.0	20,900 *
280	50	100	73.8	325.1	24,200 *	75.2	323.8	22,000 *	76.5	321.1	19,000 *
280	50	110	72.0	321.9	22,300 *	73.4	320.5	20,200 *	74.7	317.8	17,000 *
280	50	120	70.2	318.3	20,300 *	71.6	317.0	18,300 *	72.8	314.2	15,500 *
280	50	130	68.3	314.4	18,600 *	69.7	313.0	16,900 *	71.0	310.2	14,000 *
280	50	140	66.4	310.1	17,200 *	67.8	308.6	15,300 *	69.1	305.8	12,700 *
280	50	150	64.5	305.3	15,900 *	65.9	303.9	14,200 *	67.1	301.1	11,600 *
280	50	160	62.6	300.2	14,700 *	64.0	298.7	12,900 *	65.2	295.8	10,600 *
280	50	170	60.6	294.6	13,400 *	62.0	293.1	12,000 *	63.2	290.2	9,700 *
280	50	180	58.6	288.6	12,300 *	59.9	287.1	10,900 *	61.1	284.0	8,800 *
280	50	190	56.5	282.0	11,400 *	57.9	280.5	10,100 *	59.0	277.4	8,100 *
280	50	200	54.4	275.0	10,700 *	55.7	273.4	9,200 *	56.9	270.2	7,500 *
280	50	210	52.3	267.3	9,800 *	53.6	265.7	8,500 *	54.7	262.4	6,900 *
280	50	220	50.0	259.0	9,200 *	51.3	257.3	8,000 *	52.4	253.9	6,400 *
280	50	230	47.7	250.1	8,400 *	49.0	248.3	7,400 *	50.0	244.8	5,800 *
280	50	240	45.3	240.3	7,300 *	46.6	238.5	6,900 *	47.5	234.8	5,500 *
280	50	250	42.8	229.7	6,400 *	44.0	227.8	6,500 *			
280	50	260	40.1	218.1	5,600 *	41.3	216.0	5,800 *			
280	50	270	37.3	205.3	4,800 *	38.5	203.1	5,000 *			
280	50	280	34.3	191.0	4,000 *	35.5	188.7	4,200 *			
280	50	290	31.1	175.0	3,400 *						
280	50	300	27.4	156.6	2,700 *						
280	60	60	81.3	344.8	26,900 *						
280	60	70	79.6	342.9	26,800 *	81.3	341.4	25,800 *			
280	60	80	77.9	340.8	25,500 *	79.6	339.2	23,600 *	81.2	336.2	20,200 *
280	60	90	76.2	338.3	23,800 *	77.8	336.8	21,400 *	79.4	333.7	18,000 *
280	60	100	74.4	335.5	21,900 *	76.1	334.0	19,500 *	77.6	330.9	16,400 *
280	60	110	72.7	332.4	20,100 *	74.3	330.8	17,700 *	75.9	327.7	14,700 *
280	60	120	70.9	329.0	18,400 *	72.6	327.4	16,400 *	74.1	324.2	13,300 *
280	60	130	69.1	325.2	17,000 *	70.8	323.5	14,800 *	72.2	320.3	11,900 *

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+AB Cttwt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the Crane Rating Manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
280	60	140	67.3	321.0	15,600 *	68.9	319.3	13,600 *	70.4	316.1	10,900 *
280	60	150	65.5	316.4	14,300 *	67.1	314.8	12,400 *	68.5	311.5	9,800 *
280	60	160	63.6	311.5	13,300 *	65.2	309.8	11,300 *	66.6	306.4	9,000 *
280	60	170	61.7	306.1	12,100 *	63.3	304.4	10,500 *	64.7	301.0	8,100 *
280	60	180	59.8	300.3	11,200 *	61.3	298.5	9,600 *	62.7	295.0	7,500 *
280	60	190	57.8	294.0	10,400 *	59.4	292.2	8,700 *	60.7	288.7	6,700 *
280	60	200	55.8	287.3	9,700 *	57.3	285.4	8,200 *	58.7	281.8	6,200 *
280	60	210	53.7	279.9	9,000 *	55.2	278.1	7,500 *	56.5	274.3	5,700 *
280	60	220	51.6	272.1	8,300 *	53.1	270.1	7,000 *	54.4	266.2	5,300 *
280	60	230	49.4	263.5	7,700 *	50.9	261.5	6,400 *	52.1	257.5	4,800 *
280	60	240	47.1	254.3	7,100 *	48.6	252.3	5,900 *	49.8	248.1	4,500 *
280	60	250	44.7	244.3	6,600 *	46.2	242.2	5,600 *	47.4	237.8	4,200 *
280	60	260	42.2	233.5	5,800 *	43.7	231.2	5,200 *			
280	60	270	39.6	221.6	5,000 *	41.1	219.2	4,900 *			
280	60	280	36.9	208.5	4,300 *	38.3	205.9	4,500 *			
280	60	290	33.9	194.0	3,600 *	35.3	191.2	3,800 *			
280	60	300	30.7	177.6	3,000 *						
280	60	310	27.2	158.9	2,400 *						
280	70	60	81.7	354.9	21,900 *						
280	70	70	80.1	353.1	21,700 *	82.0	351.4	20,400 *			
280	70	80	78.4	351.0	21,400 *	80.3	349.3	20,100 *			
280	70	90	76.7	348.6	21,100 *	78.6	346.9	18,900 *	80.4	343.4	15,600 *
280	70	100	75.0	345.9	19,600 *	76.9	344.2	17,200 *	78.7	340.6	14,000 *
280	70	110	73.3	342.9	18,100 *	75.2	341.1	15,700 *	77.0	337.6	12,400 *
280	70	120	71.6	339.6	16,700 *	73.5	337.7	14,100 *	75.2	334.2	11,300 *
280	70	130	69.9	335.9	15,300 *	71.7	334.0	13,100 *	73.5	330.4	10,100 *
280	70	140	68.1	331.8	14,100 *	70.0	330.0	11,900 *	71.7	326.3	9,100 *
280	70	150	66.4	327.4	13,000 *	68.2	325.6	10,900 *	69.9	321.8	8,200 *
280	70	160	64.6	322.7	11,800 *	66.4	320.7	9,800 *	68.0	317.0	7,400 *
280	70	170	62.7	317.5	10,900 *	64.5	315.5	9,000 *	66.2	311.7	6,700 *
280	70	180	60.9	311.9	10,100 *	62.7	309.9	8,300 *	64.3	306.0	6,100 *
280	70	190	59.0	305.9	9,200 *	60.8	303.8	7,600 *	62.3	299.8	5,600 *
280	70	200	57.0	299.4	8,600 *	58.8	297.3	7,100 *	60.3	293.2	5,200 *
280	70	210	55.0	292.4	8,000 *	56.8	290.3	6,500 *	58.3	286.1	4,700 *
280	70	220	53.0	284.8	7,500 *	54.7	282.7	5,900 *	56.2	278.4	4,300 *
280	70	230	50.9	276.7	6,900 *	52.6	274.5	5,600 *	54.1	270.0	4,000 *
280	70	240	48.7	268.0	6,300 *	50.5	265.7	5,200 *	51.9	261.1	3,600 *
280	70	250	46.5	258.5	5,900 *	48.2	256.1	4,800 *	49.6	251.4	3,400 *
280	70	260	44.2	248.3	5,600 *	45.8	245.8	4,400 *	47.2	240.8	3,200 *
280	70	270	41.7	237.2	5,200 *	43.4	234.6	4,100 *			
280	70	280	39.2	225.0	4,500 *	40.8	222.3	3,900 *			
280	70	290	36.5	211.7	3,800 *	38.0	208.7	3,600 *			
280	70	300	33.6	196.9	3,200 *	35.1	193.7	3,400 *			
280	70	310	30.4	180.2	2,600 *						
280	70	320	26.9	161.1	2,000 *						
280	80	70	80.5	363.3	17,700 *						
280	80	80	78.9	361.2	17,500 *	81.0	359.3	16,200 *			
280	80	90	77.2	358.9	17,200 *	79.3	357.0	15,900 *	81.3	353.1	13,200 *
280	80	100	75.6	356.3	17,000 *	77.7	354.3	15,000 *	79.7	350.4	11,800 *

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+AB Cttwt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the Crane Rating Manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
280	80	110	73.9	353.4	16,100 *	76.0	351.4	13,700 *	78.0	347.4	10,600 *
280	80	120	72.3	350.1	14,700 *	74.4	348.1	12,400 *	76.3	344.1	9,500 *
280	80	130	70.6	346.5	13,600 *	72.7	344.5	11,300 *	74.6	340.5	8,500 *
280	80	140	68.9	342.6	12,400 *	71.0	340.6	10,300 *	72.9	336.5	7,700 *
280	80	150	67.2	338.4	11,500 *	69.2	336.3	9,300 *	71.1	332.2	6,900 *
280	80	160	65.4	333.8	10,500 *	67.5	331.7	8,600 *	69.3	327.5	6,200 *
280	80	170	63.7	328.8	9,700 *	65.7	326.6	7,800 *	67.5	322.4	5,600 *
280	80	180	61.9	323.4	8,900 *	63.9	321.2	7,200 *	65.7	316.9	5,100 *
280	80	190	60.0	317.6	8,200 *	62.1	315.4	6,500 *	63.8	310.9	4,700 *
280	80	200	58.2	311.3	7,600 *	60.2	309.1	6,000 *	61.9	304.6	4,200 *
280	80	210	56.3	304.6	7,000 *	58.3	302.3	5,600 *	60.0	297.7	3,900 *
280	80	220	54.3	297.4	6,600 *	56.3	295.0	5,100 *	58.0	290.3	3,500 *
280	80	230	52.3	289.6	6,000 *	54.3	287.2	4,800 *	55.9	282.4	3,200 *
280	80	240	50.3	281.3	5,600 *	52.2	278.8	4,400 *	53.8	273.8	2,900 *
280	80	250	48.1	272.3	5,300 *	50.1	269.7	4,100 *	51.6	264.6	2,700 *
280	80	260	45.9	262.7	4,900 *	47.8	260.0	3,800 *	49.4	254.6	2,500 *
280	80	270	43.6	252.2	4,600 *	45.5	249.4	3,500 *	47.0	243.8	2,300 *
280	80	280	41.3	240.8	4,300 *	43.1	237.9	3,300 *			
280	80	290	38.7	228.4	4,000 *	40.5	225.3	3,100 *			
280	80	300	36.1	214.8	3,400 *	37.8	211.5	2,900 *			
280	80	310	33.2	199.7	2,800 *						
280	80	320	30.1	182.8	2,200 *						
280	90	70	80.9	373.4	13,800 *						
280	90	80	79.3	371.4	13,500 *	81.6	369.3	12,400 *			
280	90	90	77.7	369.2	13,300 *	80.0	367.0	12,100 *			
280	90	100	76.1	366.6	13,100 *	78.4	364.5	11,700 *	80.6	360.2	10,000 *
280	90	110	74.5	363.8	12,800 *	76.8	361.6	11,400 *	79.0	357.3	8,900 *
280	90	120	72.9	360.6	12,600 *	75.2	358.5	10,700 *	77.3	354.1	8,000 *
280	90	130	71.3	357.2	11,800 *	73.6	355.0	9,700 *	75.7	350.6	7,100 *
280	90	140	69.6	353.4	11,000 *	71.9	351.2	8,900 *	74.0	346.7	6,500 *
280	90	150	68.0	349.3	10,100 *	70.2	347.0	8,100 *	72.3	342.5	5,800 *
280	90	160	66.3	344.8	9,300 *	68.5	342.5	7,400 *	70.6	338.0	5,200 *
280	90	170	64.6	340.0	8,500 *	66.8	337.6	6,700 *	68.8	333.0	4,700 *
280	90	180	62.8	334.8	7,800 *	65.1	332.4	6,100 *	67.1	327.7	4,200 *
280	90	190	61.1	329.2	7,200 *	63.3	326.8	5,600 *	65.3	322.0	3,800 *
280	90	200	59.3	323.1	6,700 *	61.5	320.7	5,100 *	63.4	315.8	3,500 *
280	90	210	57.4	316.7	6,200 *	59.6	314.2	4,800 *	61.6	309.2	3,100 *
280	90	220	55.6	309.8	5,700 *	57.7	307.2	4,400 *	59.6	302.1	2,800 *
280	90	230	53.7	302.3	5,300 *	55.8	299.7	4,000 *	57.7	294.5	2,600 *
280	90	240	51.7	294.4	4,900 *	53.8	291.7	3,700 *	55.6	286.3	2,400 *
280	90	250	49.7	285.8	4,500 *	51.8	283.0	3,400 *	53.6	277.5	2,200 *
280	90	260	47.6	276.6	4,300 *	49.7	273.7	3,200 *	51.4	268.0	2,000 *
280	90	270	45.4	266.7	4,000 *	47.5	263.7	3,000 *			
280	90	280	43.1	256.0	3,700 *	45.2	252.9	2,800 *			
280	90	290	40.8	244.4	3,500 *	42.8	241.1	2,500 *			
280	90	300	38.3	231.8	3,300 *	40.3	228.3	2,400 *			
280	90	310	35.7	217.9	3,000 *	37.6	214.2	2,300 *			
280	90	320	32.8	202.5	2,400 *						
280	100	70	81.2	383.5	9,800 *						

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+AB Cttw 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the Crane Rating Manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
280	100	80	79.7	381.6	9,600 *						
280	100	90	78.2	379.4	9,400 *	80.7	377.1	8,300 *			
280	100	100	76.6	377.0	9,100 *	79.1	374.6	8,200 *	81.5	370.0	7,400 *
280	100	110	75.1	374.2	8,900 *	77.6	371.9	8,000 *	79.9	367.2	7,300 *
280	100	120	73.5	371.1	8,700 *	76.0	368.8	7,800 *	78.3	364.1	6,800 *
280	100	130	71.9	367.8	8,400 *	74.4	365.4	7,700 *	76.7	360.7	6,000 *
280	100	140	70.3	364.1	8,300 *	72.8	361.7	7,500 *	75.1	356.9	5,400 *
280	100	150	68.7	360.1	8,100 *	71.2	357.7	6,800 *	73.4	352.8	4,800 *
280	100	160	67.1	355.8	8,000 *	69.5	353.3	6,200 *	71.8	348.4	4,300 *
280	100	170	65.4	351.1	7,400 *	67.9	348.6	5,700 *	70.1	343.6	3,900 *
280	100	180	63.7	346.1	6,800 *	66.2	343.5	5,200 *	68.4	338.5	3,500 *
280	100	190	62.0	340.6	6,300 *	64.4	338.1	4,800 *	66.6	332.9	3,100 *
280	100	200	60.3	334.8	5,700 *	62.7	332.2	4,400 *	64.8	327.0	2,900 *
280	100	210	58.5	328.6	5,400 *	60.9	325.9	4,000 *	63.0	320.6	2,600 *
280	100	220	56.7	322.0	5,000 *	59.1	319.2	3,700 *	61.2	313.8	2,300 *
280	100	230	54.9	314.8	4,600 *	57.2	312.0	3,400 *	59.3	306.5	2,100 *
280	100	240	53.0	307.2	4,200 *	55.3	304.3	3,100 *			
280	100	250	51.1	299.0	4,000 *	53.4	296.1	2,900 *			
280	100	260	49.1	290.2	3,700 *	51.4	287.2	2,700 *			
280	100	270	47.0	280.8	3,400 *	49.3	277.7	2,500 *			
280	100	280	44.9	270.7	3,200 *	47.1	267.4	2,300 *			
280	100	290	42.7	259.8	3,000 *	44.9	256.4	2,200 *			
280	100	300	40.3	248.0	2,800 *	42.5	244.4	2,000 *			
280	100	310	37.9	235.1	2,600 *						
280	100	320	35.3	220.9	2,500 *						
280	100	330	32.5	205.3	2,000						
290	30	60	80.3	324.6	39,600 *	81.2	323.7	37,800 *			
290	30	70	78.5	322.6	33,800 *	79.4	321.8	32,300 *	80.2	320.1	30,200 *
290	30	80	76.7	320.3	31,100 *	77.6	319.5	29,800 *	78.4	317.8	27,600 *
290	30	90	74.8	317.7	28,500 *	75.7	316.8	27,400 *	76.5	315.1	25,300 *
290	30	100	73.0	314.7	26,200 *	73.9	313.9	25,000 *	74.6	312.1	23,200 *
290	30	110	71.1	311.4	24,100 *	72.0	310.5	22,900 *	72.8	308.8	21,200 *
290	30	120	69.2	307.7	22,100 *	70.1	306.8	21,000 *	70.8	305.0	19,300 *
290	30	130	67.3	303.6	20,300 *	68.1	302.7	19,400 *	68.9	300.9	17,700 *
290	30	140	65.3	299.1	18,800 *	66.2	298.2	17,800 *	66.9	296.4	16,300 *
290	30	150	63.4	294.2	17,100 *	64.2	293.3	16,500 *	64.9	291.5	15,000 *
290	30	160	61.3	288.9	16,000 *	62.2	287.9	15,100 *	62.9	286.1	13,700 *
290	30	170	59.3	283.1	14,600 *	60.1	282.1	13,900 *	60.8	280.2	12,600 *
290	30	180	57.2	276.8	13,600 *	58.0	275.8	12,700 *	58.7	273.8	11,600 *
290	30	190	55.0	269.9	12,600	55.9	268.9	11,800 *	56.5	266.9	10,800 *
290	30	200	52.8	262.5	11,100	53.6	261.5	11,000 *	54.3	259.4	9,900 *
290	30	210	50.5	254.5	9,700	51.3	253.4	10,000	52.0	251.3	9,200 *
290	30	220	48.2	245.8	8,500	49.0	244.6	8,700	49.6	242.4	8,500 *
290	30	230	45.7	236.3	7,400	46.5	235.1	7,600	47.1	232.8	7,800
290	30	240	43.2	225.9	6,400	43.9	224.7	6,600			
290	30	250	40.5	214.6	5,500	41.2	213.3	5,600			
290	30	260	37.6	202.0	4,600	38.4	200.7	4,800			
290	30	270	34.6	188.1	3,800	35.3	186.6	4,000			
290	30	280	31.3	172.4	3,100						
290	30	290	27.6	154.3	2,400						

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+AB Cttwt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the Crane Rating Manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
290	40	60	80.8	334.7	36,000 *	81.9	333.6	32,400 *			
290	40	70	79.0	332.8	31,400 *	80.2	331.7	29,500 *	81.2	329.5	27,200 *
290	40	80	77.2	330.6	29,000 *	78.4	329.5	27,300 *	79.4	327.3	24,700 *
290	40	90	75.5	328.0	26,800 *	76.6	326.9	25,000 *	77.6	324.7	22,500 *
290	40	100	73.7	325.2	24,400 *	74.8	324.0	22,900 *	75.8	321.8	20,500 *
290	40	110	71.8	321.9	22,300 *	73.0	320.8	20,900 *	74.0	318.6	18,600 *
290	40	120	70.0	318.4	20,600 *	71.1	317.2	19,100 *	72.2	315.0	16,900 *
290	40	130	68.2	314.4	19,100 *	69.3	313.3	17,500 *	70.3	311.0	15,400 *
290	40	140	66.3	310.1	17,500 *	67.4	308.9	16,000 *	68.4	306.6	14,100 *
290	40	150	64.4	305.4	16,000 *	65.5	304.2	14,700 *	66.4	301.8	12,900 *
290	40	160	62.4	300.2	14,800 *	63.5	299.0	13,600 *	64.5	296.6	11,700 *
290	40	170	60.5	294.7	13,600 *	61.5	293.4	12,600 *	62.5	291.0	10,900 *
290	40	180	58.4	288.6	12,500 *	59.5	287.4	11,500 *	60.4	284.9	9,900 *
290	40	190	56.4	282.1	11,600 *	57.5	280.8	10,700 *	58.4	278.2	9,200 *
290	40	200	54.3	275.0	10,700 *	55.3	273.7	9,800 *	56.2	271.0	8,500 *
290	40	210	52.1	267.4	9,900 *	53.1	266.0	9,000 *	54.0	263.3	7,800 *
290	40	220	49.9	259.1	8,800 *	50.9	257.7	8,400 *	51.7	254.9	7,200 *
290	40	230	47.6	250.1	7,700 *	48.6	248.6	7,800 *	49.4	245.7	6,700 *
290	40	240	45.1	240.4	6,700 *	46.1	238.8	6,900 *	46.9	235.8	6,200 *
290	40	250	42.6	229.7	5,800 *	43.6	228.1	6,000 *			
290	40	260	40.0	218.1	4,900 *	40.9	216.4	5,100 *			
290	40	270	37.2	205.3	4,100 *	38.1	203.5	4,300 *			
290	40	280	34.2	191.1	3,400 *	35.1	189.1	3,500 *			
290	40	290	30.9	175.0	2,700 *						
290	40	300	27.3	156.6	2,100 *						
290	50	60	81.2	344.8	31,500 *						
290	50	70	79.5	343.0	29,000 *	80.9	341.6	26,900 *			
290	50	80	77.8	340.8	26,800 *	79.2	339.5	24,700 *	80.5	336.8	21,800 *
290	50	90	76.0	338.3	24,600 *	77.4	337.0	22,500 *	78.7	334.4	19,700 *
290	50	100	74.3	335.6	22,600 *	75.7	334.2	20,600 *	77.0	331.5	17,800 *
290	50	110	72.5	332.4	20,600 *	73.9	331.1	18,800 *	75.2	328.4	16,200 *
290	50	120	70.8	329.0	19,000 *	72.1	327.6	17,300 *	73.4	324.9	14,500 *
290	50	130	69.0	325.2	17,500 *	70.3	323.8	15,800 *	71.6	321.0	13,400 *
290	50	140	67.2	321.0	16,100 *	68.5	319.6	14,400 *	69.7	316.8	12,100 *
290	50	150	65.3	316.4	14,700 *	66.7	315.0	13,200 *	67.9	312.2	11,100 *
290	50	160	63.5	311.5	13,400 *	64.8	310.0	12,000 *	66.0	307.1	10,100 *
290	50	170	61.6	306.1	12,400 *	62.9	304.6	11,200 *	64.0	301.7	9,200 *
290	50	180	59.6	300.3	11,500 *	60.9	298.8	10,100 *	62.1	295.8	8,400 *
290	50	190	57.6	294.1	10,600 *	58.9	292.5	9,400 *	60.1	289.4	7,600 *
290	50	200	55.6	287.3	9,800 *	56.9	285.7	8,700 *	58.0	282.5	7,000 *
290	50	210	53.5	280.0	9,100 *	54.8	278.4	8,100 *	55.9	275.1	6,500 *
290	50	220	51.4	272.1	8,500 *	52.7	270.4	7,400 *	53.7	267.1	6,000 *
290	50	230	49.2	263.6	7,800 *	50.5	261.9	6,900 *	51.5	258.4	5,600 *
290	50	240	46.9	254.4	7,000 *	48.2	252.6	6,400 *	49.2	249.0	5,100 *
290	50	250	44.6	244.4	6,000 *	45.8	242.5	5,900 *	46.7	238.8	4,800 *
290	50	260	42.1	233.5	5,200 *	43.3	231.5	5,400 *			
290	50	270	39.5	221.6	4,400 *	40.7	219.5	4,600 *			
290	50	280	36.7	208.5	3,600 *	37.9	206.3	3,900 *			
290	50	290	33.8	194.0	3,000 *						
290	50	300	30.6	177.7	2,300 *						

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+AB Cttw 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the Crane Rating Manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
290	60	60	81.6	354.9	26,900 *						
290	60	70	79.9	353.1	26,400 *	81.6	351.6	24,200 *			
290	60	80	78.3	351.0	24,400 *	79.9	349.5	22,200 *	81.4	346.4	19,100 *
290	60	90	76.6	348.6	22,400 *	78.2	347.1	20,200 *	79.7	344.0	17,000 *
290	60	100	74.9	345.9	20,700 *	76.5	344.4	18,400 *	78.0	341.3	15,600 *
290	60	110	73.2	342.9	19,000 *	74.8	341.3	16,900 *	76.3	338.2	14,000 *
290	60	120	71.5	339.6	17,400 *	73.1	338.0	15,400 *	74.5	334.8	12,600 *
290	60	130	69.7	335.9	15,900 *	71.3	334.3	13,900 *	72.8	331.1	11,300 *
290	60	140	68.0	331.9	14,500 *	69.6	330.2	12,800 *	71.0	327.0	10,300 *
290	60	150	66.2	327.5	13,300 *	67.8	325.8	11,700 *	69.2	322.5	9,200 *
290	60	160	64.4	322.7	12,400 *	66.0	321.0	10,600 *	67.4	317.6	8,500 *
290	60	170	62.6	317.5	11,200 *	64.1	315.8	9,700 *	65.5	312.4	7,600 *
290	60	180	60.7	311.9	10,400 *	62.3	310.2	9,000 *	63.6	306.7	7,000 *
290	60	190	58.8	305.9	9,700 *	60.3	304.1	8,300 *	61.7	300.6	6,500 *
290	60	200	56.9	299.4	9,000 *	58.4	297.6	7,500 *	59.7	293.9	5,900 *
290	60	210	54.9	292.4	8,300 *	56.4	290.5	7,000 *	57.7	286.8	5,400 *
290	60	220	52.9	284.9	7,600 *	54.3	282.9	6,500 *	55.6	279.1	4,900 *
290	60	230	50.8	276.8	7,100 *	52.2	274.8	6,000 *	53.5	270.8	4,600 *
290	60	240	48.6	268.0	6,600 *	50.1	266.0	5,500 *	51.3	261.9	4,200 *
290	60	250	46.4	258.6	6,200 *	47.8	256.4	5,100 *	49.0	252.2	3,900 *
290	60	260	44.0	248.3	5,400 *	45.5	246.1	4,800 *	46.6	241.7	3,600 *
290	60	270	41.6	237.2	4,600 *	43.0	234.9	4,500 *			
290	60	280	39.0	225.1	3,900 *	40.4	222.6	4,100 *			
290	60	290	36.3	211.7	3,200 *	37.7	209.1	3,400 *			
290	60	300	33.4	196.9	2,600 *						
290	60	310	30.3	180.3	2,000 *						
290	70	60	81.9	365.0	21,900 *						
290	70	70	80.3	363.3	21,700 *						
290	70	80	78.7	361.3	21,500 *	80.6	359.5	19,700 *			
290	70	90	77.1	358.9	20,300 *	78.9	357.2	18,000 *	80.7	353.7	14,900 *
290	70	100	75.5	356.3	18,600 *	77.3	354.5	16,300 *	79.0	351.0	13,200 *
290	70	110	73.8	353.4	17,000 *	75.6	351.6	15,000 *	77.3	348.0	12,000 *
290	70	120	72.1	350.1	15,800 *	74.0	348.3	13,500 *	75.7	344.7	10,600 *
290	70	130	70.5	346.6	14,400 *	72.3	344.7	12,200 *	73.9	341.1	9,600 *
290	70	140	68.8	342.7	13,300 *	70.6	340.8	11,100 *	72.2	337.1	8,800 *
290	70	150	67.0	338.4	12,000 *	68.8	336.5	10,200 *	70.5	332.8	7,900 *
290	70	160	65.3	333.8	11,100 *	67.1	331.9	9,300 *	68.7	328.1	7,100 *
290	70	170	63.5	328.8	10,300 *	65.3	326.9	8,500 *	66.9	323.0	6,500 *
290	70	180	61.7	323.4	9,300 *	63.5	321.4	7,800 *	65.1	317.5	5,800 *
290	70	190	59.9	317.6	8,700 *	61.7	315.6	7,200 *	63.2	311.6	5,300 *
290	70	200	58.0	311.3	7,900 *	59.8	309.3	6,700 *	61.3	305.2	4,900 *
290	70	210	56.1	304.6	7,400 *	57.9	302.5	6,100 *	59.4	298.4	4,400 *
290	70	220	54.2	297.4	6,800 *	55.9	295.3	5,500 *	57.4	291.0	4,100 *
290	70	230	52.2	289.7	6,300 *	53.9	287.5	5,200 *	55.3	283.1	3,700 *
290	70	240	50.1	281.3	5,900 *	51.8	279.1	4,800 *	53.2	274.5	3,500 *
290	70	250	48.0	272.4	5,500 *	49.7	270.0	4,400 *	51.0	265.3	3,200 *
290	70	260	45.8	262.7	5,100 *	47.4	260.3	4,100 *	48.8	255.4	3,000 *
290	70	270	43.5	252.2	4,800 *	45.1	249.7	3,800 *	46.4	244.6	2,700 *
290	70	280	41.1	240.9	4,100 *	42.7	238.2	3,600 *			

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+AB Cttw 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the Crane Rating Manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
290	70	290	38.6	228.5	3,400	40.2	225.6	3,400 *			
290	70	300	35.9	214.9	2,800	37.5	211.8	3,000			
290	70	310	33.1	199.8	2,200						
290	80	70	80.7	373.4	17,800 *						
290	80	80	79.2	371.5	17,500 *	81.2	369.5	16,300 *			
290	80	90	77.6	369.2	17,300 *	79.6	367.2	15,800 *	81.6	363.3	12,700 *
290	80	100	76.0	366.7	16,700 *	78.0	364.7	14,300 *	80.0	360.8	11,300 *
290	80	110	74.4	363.8	15,400 *	76.4	361.8	12,900 *	78.3	357.9	10,200 *
290	80	120	72.8	360.7	14,000 *	74.8	358.6	11,800 *	76.7	354.7	9,100 *
290	80	130	71.1	357.2	12,900 *	73.2	355.2	10,700 *	75.0	351.1	8,200 *
290	80	140	69.5	353.4	11,800 *	71.5	351.4	9,800 *	73.4	347.3	7,400 *
290	80	150	67.8	349.3	10,900 *	69.8	347.2	8,900 *	71.7	343.1	6,700 *
290	80	160	66.2	344.8	10,000 *	68.1	342.7	8,100 *	70.0	338.5	5,900 *
290	80	170	64.4	340.0	9,100 *	66.4	337.8	7,500 *	68.2	333.6	5,300 *
290	80	180	62.7	334.8	8,400 *	64.7	332.6	6,800 *	66.4	328.3	4,900 *
290	80	190	60.9	329.2	7,700 *	62.9	327.0	6,200 *	64.6	322.6	4,400 *
290	80	200	59.1	323.2	7,100 *	61.1	320.9	5,700 *	62.8	316.4	4,000 *
290	80	210	57.3	316.7	6,600 *	59.2	314.4	5,300 *	60.9	309.8	3,600 *
290	80	220	55.4	309.8	6,200 *	57.4	307.4	4,800 *	59.0	302.7	3,400 *
290	80	230	53.5	302.4	5,600 *	55.4	299.9	4,400 *	57.1	295.1	3,000 *
290	80	240	51.6	294.4	5,300 *	53.4	291.9	4,100 *	55.0	287.0	2,800 *
290	80	250	49.5	285.8	4,800 *	51.4	283.3	3,800 *	53.0	278.2	2,600 *
290	80	260	47.4	276.6	4,500 *	49.3	274.0	3,600 *	50.8	268.7	2,400 *
290	80	270	45.3	266.7	4,200 *	47.1	264.0	3,300 *	48.6	258.5	2,200 *
290	80	280	43.0	256.0	4,000 *	44.8	253.2	3,000 *	46.2	247.4	2,000 *
290	80	290	40.7	244.4	3,600	42.4	241.4	2,800 *			
290	80	300	38.2	231.8	3,000	39.9	228.6	2,700 *			
290	80	310	35.5	217.9	2,400	37.2	214.5	2,500 *			
290	90	70	81.1	383.6	13,800 *						
290	90	80	79.6	381.6	13,600 *	81.9	379.5	12,400 *			
290	90	90	78.0	379.5	13,400 *	80.3	377.3	12,100 *			
290	90	100	76.5	377.0	13,100 *	78.8	374.8	11,800 *	80.9	370.5	9,800 *
290	90	110	74.9	374.2	12,900 *	77.2	372.0	11,300 *	79.3	367.7	8,700 *
290	90	120	73.4	371.1	12,300 *	75.6	369.0	10,200 *	77.7	364.6	7,800 *
290	90	130	71.8	367.8	11,400 *	74.0	365.6	9,400 *	76.1	361.2	6,900 *
290	90	140	70.2	364.1	10,400 *	72.4	361.9	8,400 *	74.5	357.4	6,100 *
290	90	150	68.6	360.1	9,500 *	70.8	357.8	7,800 *	72.8	353.3	5,600 *
290	90	160	66.9	355.8	8,700 *	69.1	353.5	7,000 *	71.1	348.9	5,000 *
290	90	170	65.3	351.1	8,000 *	67.5	348.8	6,400 *	69.5	344.2	4,500 *
290	90	180	63.6	346.1	7,400 *	65.8	343.7	5,800 *	67.7	339.0	4,100 *
290	90	190	61.9	340.7	6,900 *	64.1	338.3	5,400 *	66.0	333.5	3,600 *
290	90	200	60.2	334.9	6,300 *	62.3	332.4	4,900 *	64.2	327.6	3,300 *
290	90	210	58.4	328.6	5,800 *	60.5	326.1	4,500 *	62.4	321.2	3,000 *
290	90	220	56.6	322.0	5,400 *	58.7	319.4	4,100 *	60.6	314.4	2,700 *
290	90	230	54.8	314.8	4,900 *	56.9	312.2	3,800 *	58.7	307.1	2,500 *
290	90	240	52.9	307.2	4,600 *	55.0	304.5	3,500 *	56.8	299.2	2,300 *
290	90	250	50.9	299.0	4,300 *	53.0	296.3	3,200 *	54.8	290.8	2,100 *
290	90	260	48.9	290.3	4,000 *	51.0	287.4	3,000 *			
290	90	270	46.9	280.9	3,700 *	48.9	277.9	2,800 *			

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+AB Cttwt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the Crane Rating Manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
290	90	280	44.8	270.7	3,400 *	46.8	267.7	2,600 *			
290	90	290	42.5	259.8	3,200 *	44.5	256.6	2,400 *			
290	90	300	40.2	248.0	3,000 *	42.2	244.7	2,200 *			
290	90	310	37.8	235.1	2,600 *	39.7	231.6	2,100 *			
290	90	320	35.2	221.0	2,000 *	37.0	217.2	2,000 *			
290	100	70	81.5	393.7	9,900 *						
290	100	80	80.0	391.8	9,600 *						
290	100	90	78.5	389.7	9,400 *	80.9	387.4	8,300 *			
290	100	100	77.0	387.3	9,200 *	79.4	384.9	8,200 *	81.7	380.3	7,400 *
290	100	110	75.5	384.6	9,000 *	77.9	382.2	8,000 *	80.2	377.6	7,300 *
290	100	120	73.9	381.6	8,700 *	76.4	379.2	7,900 *	78.6	374.5	6,600 *
290	100	130	72.4	378.3	8,500 *	74.8	376.0	7,700 *	77.1	371.2	5,800 *
290	100	140	70.9	374.8	8,300 *	73.3	372.4	7,300 *	75.5	367.6	5,200 *
290	100	150	69.3	370.9	8,200 *	71.7	368.5	6,600 *	73.9	363.6	4,700 *
290	100	160	67.7	366.7	7,700 *	70.1	364.2	6,100 *	72.3	359.3	4,200 *
290	100	170	66.1	362.2	7,100 *	68.5	359.7	5,500 *	70.6	354.7	3,800 *
290	100	180	64.5	357.3	6,500 *	66.8	354.8	5,000 *	69.0	349.7	3,400 *
290	100	190	62.8	352.1	6,000 *	65.2	349.5	4,600 *	67.3	344.3	3,000 *
290	100	200	61.1	346.4	5,500 *	63.5	343.8	4,200 *	65.6	338.6	2,700 *
290	100	210	59.4	340.4	5,100 *	61.8	337.8	3,800 *	63.8	332.5	2,400 *
290	100	220	57.7	334.0	4,700 *	60.0	331.3	3,500 *	62.1	325.9	2,200 *
290	100	230	55.9	327.2	4,300 *	58.2	324.4	3,200 *	60.2	318.8	2,000 *
290	100	240	54.1	319.8	4,000 *	56.4	317.0	2,900 *			
290	100	250	52.3	312.0	3,700 *	54.5	309.1	2,700 *			
290	100	260	50.4	303.6	3,500 *	52.6	300.6	2,500 *			
290	100	270	48.4	294.6	3,200 *	50.6	291.5	2,300 *			
290	100	280	46.4	285.0	3,000 *	48.6	281.8	2,100 *			
290	100	290	44.3	274.7	2,800 *	46.4	271.3	2,000 *			
290	100	300	42.1	263.5	2,600 *						
290	100	310	39.8	251.5	2,500 *						
290	100	320	37.4	238.3	2,200 *						
300	30	60	80.6	334.7	34,200 *	81.5	333.9	32,700 *			
300	30	70	78.8	332.8	31,600 *	79.7	332.0	30,200 *	80.5	330.3	28,400 *
300	30	80	77.1	330.6	29,100 *	77.9	329.8	27,700 *	78.7	328.1	26,000 *
300	30	90	75.3	328.1	26,800 *	76.2	327.2	25,500 *	76.9	325.5	23,700 *
300	30	100	73.5	325.2	24,500 *	74.4	324.3	23,400 *	75.1	322.6	21,800 *
300	30	110	71.7	322.0	22,500 *	72.5	321.1	21,500 *	73.3	319.4	19,800 *
300	30	120	69.9	318.4	20,600 *	70.7	317.5	19,500 *	71.5	315.8	18,100 *
300	30	130	68.0	314.4	19,000 *	68.8	313.6	18,100 *	69.6	311.8	16,600 *
300	30	140	66.1	310.1	17,300 *	67.0	309.2	16,500 *	67.7	307.4	15,100 *
300	30	150	64.2	305.4	16,000 *	65.0	304.5	15,200 *	65.8	302.7	13,900 *
300	30	160	62.3	300.3	14,800 *	63.1	299.3	13,900 *	63.8	297.5	12,700 *
300	30	170	60.3	294.7	13,500 *	61.1	293.7	12,800 *	61.8	291.8	11,700 *
300	30	180	58.3	288.6	12,600 *	59.1	287.7	11,900 *	59.8	285.7	10,700 *
300	30	190	56.2	282.1	11,600 *	57.0	281.1	10,900 *	57.7	279.1	9,900 *
300	30	200	54.1	275.0	10,700 *	54.9	274.0	10,100 *	55.6	272.0	9,200 *
300	30	210	52.0	267.4	9,400 *	52.7	266.3	9,300 *	53.4	264.2	8,500 *
300	30	220	49.7	259.1	8,100 *	50.5	258.0	8,400 *	51.1	255.9	7,800 *
300	30	230	47.4	250.1	7,000 *	48.2	249.0	7,200 *	48.8	246.8	7,300 *

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+AB Cttwt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the Crane Rating Manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
300	30	240	45.0	240.4	6,000	45.7	239.2	6,200	46.3	236.9	6,300
300	30	250	42.5	229.8	5,100	43.2	228.6	5,300			
300	30	260	39.8	218.2	4,200	40.6	216.9	4,400			
300	30	270	37.0	205.4	3,400	37.7	204.0	3,600			
300	30	280	34.0	191.1	2,700						
300	40	60	81.0	344.8	32,000 *						
300	40	70	79.3	343.0	29,600 *	80.4	341.9	27,900 *	81.5	339.7	25,500 *
300	40	80	77.6	340.8	27,200 *	78.7	339.7	25,500 *	79.8	337.6	23,100 *
300	40	90	75.9	338.4	25,000 *	77.0	337.3	23,200 *	78.0	335.1	21,100 *
300	40	100	74.1	335.6	22,900 *	75.3	334.5	21,400 *	76.3	332.3	19,100 *
300	40	110	72.4	332.5	21,000 *	73.5	331.3	19,500 *	74.5	329.1	17,600 *
300	40	120	70.6	329.0	19,100 *	71.7	327.9	17,800 *	72.7	325.6	15,900 *
300	40	130	68.8	325.2	17,500 *	69.9	324.1	16,400 *	70.9	321.8	14,500 *
300	40	140	67.0	321.0	16,000 *	68.1	319.9	14,900 *	69.1	317.5	13,300 *
300	40	150	65.2	316.5	14,700 *	66.3	315.3	13,800 *	67.2	312.9	12,000 *
300	40	160	63.3	311.5	13,600 *	64.4	310.3	12,600 *	65.3	307.9	11,000 *
300	40	170	61.4	306.2	12,500 *	62.5	304.9	11,500 *	63.4	302.5	10,100 *
300	40	180	59.5	300.4	11,700 *	60.5	299.1	10,600 *	61.4	296.6	9,300 *
300	40	190	57.5	294.1	10,700 *	58.5	292.8	9,800 *	59.4	290.3	8,500 *
300	40	200	55.5	287.3	9,900 *	56.5	286.0	9,100 *	57.4	283.4	7,800 *
300	40	210	53.4	280.0	9,200 *	54.4	278.7	8,300 *	55.3	276.0	7,200 *
300	40	220	51.3	272.1	8,400 *	52.3	270.7	7,700 *	53.1	268.0	6,600 *
300	40	230	49.1	263.6	7,300 *	50.1	262.2	7,200 *	50.9	259.3	6,100 *
300	40	240	46.8	254.4	6,300 *	47.8	252.9	6,600 *	48.6	250.0	5,700 *
300	40	250	44.4	244.4	5,400 *	45.4	242.9	5,600 *	46.1	239.8	5,300 *
300	40	260	42.0	233.6	4,500 *	42.9	231.9	4,700 *			
300	40	270	39.4	221.7	3,700 *	40.3	220.0	3,900 *			
300	40	280	36.6	208.6	3,000 *	37.5	206.8	3,200 *			
300	40	290	33.7	194.1	2,300 *						
300	50	60	81.4	354.9	29,600 *						
300	50	70	79.8	353.1	27,300 *	81.1	351.8	25,300 *			
300	50	80	78.1	351.1	25,000 *	79.5	349.7	23,300 *	80.7	347.1	20,500 *
300	50	90	76.4	348.7	23,100 *	77.8	347.3	21,300 *	79.0	344.7	18,600 *
300	50	100	74.8	346.0	21,100 *	76.1	344.6	19,300 *	77.3	341.9	17,000 *
300	50	110	73.1	343.0	19,400 *	74.4	341.6	17,700 *	75.6	338.9	15,200 *
300	50	120	71.3	339.6	17,800 *	72.7	338.2	16,100 *	73.9	335.5	13,900 *
300	50	130	69.6	335.9	16,200 *	70.9	334.5	14,700 *	72.1	331.8	12,500 *
300	50	140	67.9	331.9	14,900 *	69.2	330.5	13,400 *	70.4	327.7	11,400 *
300	50	150	66.1	327.5	13,600 *	67.4	326.1	12,300 *	68.5	323.2	10,300 *
300	50	160	64.3	322.7	12,600 *	65.6	321.3	11,300 *	66.7	318.4	9,400 *
300	50	170	62.4	317.5	11,600 *	63.7	316.1	10,400 *	64.9	313.1	8,600 *
300	50	180	60.6	311.9	10,700 *	61.9	310.4	9,500 *	63.0	307.4	7,900 *
300	50	190	58.7	305.9	9,900 *	59.9	304.4	8,700 *	61.0	301.3	7,200 *
300	50	200	56.7	299.4	9,000 *	58.0	297.9	8,100 *	59.1	294.7	6,500 *
300	50	210	54.8	292.4	8,400 *	56.0	290.8	7,400 *	57.1	287.6	6,100 *
300	50	220	52.7	284.9	7,800 *	54.0	283.2	6,800 *	55.0	280.0	5,700 *
300	50	230	50.6	276.8	7,200 *	51.8	275.1	6,300 *	52.9	271.7	5,200 *
300	50	240	48.5	268.0	6,600 *	49.7	266.3	6,000 *	50.6	262.8	4,700 *
300	50	250	46.2	258.6	5,600 *	47.4	256.8	5,500 *	48.4	253.1	4,400 *

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+AB Cttwt 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the Crane Rating Manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
300	50	260	43.9	248.4	4,800	45.1	246.5	5,100	46.0	242.7	4,100 *
300	50	270	41.5	237.3	4,000	42.6	235.3	4,200			
300	50	280	38.9	225.1	3,200	40.0	223.0	3,500			
300	50	290	36.2	211.8	2,600	37.3	209.5	2,800			
300	60	60	81.8	365.0	26,900 *						
300	60	70	80.2	363.3	25,000 *	81.8	361.8	22,900 *			
300	60	80	78.6	361.3	23,100 *	80.2	359.7	20,900 *	81.7	356.6	18,000 *
300	60	90	77.0	359.0	21,200 *	78.5	357.4	19,100 *	80.0	354.3	16,300 *
300	60	100	75.3	356.3	19,500 *	76.9	354.8	17,400 *	78.4	351.6	14,700 *
300	60	110	73.7	353.4	17,800 *	75.2	351.8	15,900 *	76.7	348.7	13,300 *
300	60	120	72.0	350.2	16,200 *	73.6	348.6	14,500 *	75.0	345.4	12,000 *
300	60	130	70.3	346.6	15,000 *	71.9	345.0	13,300 *	73.3	341.7	10,900 *
300	60	140	68.6	342.7	13,700 *	70.2	341.0	12,000 *	71.6	337.8	9,700 *
300	60	150	66.9	338.4	12,600 *	68.4	336.8	10,900 *	69.8	333.5	8,900 *
300	60	160	65.2	333.8	11,500 *	66.7	332.1	10,100 *	68.1	328.8	8,000 *
300	60	170	63.4	328.8	10,600 *	64.9	327.1	9,200 *	66.3	323.7	7,300 *
300	60	180	61.6	323.4	9,700 *	63.1	321.7	8,400 *	64.4	318.2	6,600 *
300	60	190	59.8	317.6	9,000 *	61.3	315.8	7,700 *	62.6	312.3	6,100 *
300	60	200	57.9	311.4	8,300 *	59.4	309.6	7,100 *	60.7	306.0	5,500 *
300	60	210	56.0	304.7	7,600 *	57.5	302.8	6,500 *	58.7	299.1	5,000 *
300	60	220	54.1	297.4	7,000 *	55.5	295.6	6,000 *	56.8	291.8	4,700 *
300	60	230	52.1	289.7	6,500 *	53.5	287.7	5,600 *	54.7	283.9	4,300 *
300	60	240	50.0	281.4	6,100 *	51.4	279.4	5,100 *	52.6	275.4	4,000 *
300	60	250	47.9	272.4	5,700 *	49.3	270.3	4,700 *	50.4	266.2	3,600 *
300	60	260	45.7	262.7	5,000 *	47.1	260.6	4,400 *	48.2	256.3	3,400 *
300	60	270	43.4	252.3	4,200 *	44.8	250.0	4,100 *	45.8	245.5	3,100 *
300	60	280	41.0	240.9	3,500 *	42.3	238.5	3,800 *			
300	60	290	38.5	228.5	2,800 *	39.8	226.0	3,100 *			
300	60	300	35.8	214.9	2,200 *	37.1	212.2	2,400 *			
300	70	70	80.6	373.4	21,700 *						
300	70	80	79.0	371.5	20,800 *	80.8	369.7	18,700 *			
300	70	90	77.4	369.2	19,200 *	79.2	367.4	17,000 *	80.9	363.9	14,200 *
300	70	100	75.9	366.7	17,600 *	77.7	364.9	15,500 *	79.3	361.3	12,800 *
300	70	110	74.3	363.8	16,100 *	76.0	362.0	14,200 *	77.7	358.5	11,400 *
300	70	120	72.6	360.7	14,800 *	74.4	358.9	12,800 *	76.1	355.3	10,200 *
300	70	130	71.0	357.2	13,600 *	72.8	355.4	11,600 *	74.4	351.7	9,200 *
300	70	140	69.4	353.4	12,500 *	71.1	351.6	10,600 *	72.7	347.9	8,200 *
300	70	150	67.7	349.3	11,300 *	69.5	347.4	9,600 *	71.0	343.7	7,500 *
300	70	160	66.0	344.8	10,400 *	67.8	342.9	8,800 *	69.3	339.2	6,800 *
300	70	170	64.3	340.0	9,600 *	66.0	338.1	8,100 *	67.6	334.2	6,200 *
300	70	180	62.6	334.8	8,800 *	64.3	332.8	7,400 *	65.8	328.9	5,600 *
300	70	190	60.8	329.2	8,000 *	62.5	327.2	6,800 *	64.0	323.2	5,000 *
300	70	200	59.0	323.2	7,500 *	60.7	321.2	6,300 *	62.2	317.1	4,600 *
300	70	210	57.2	316.7	6,900 *	58.9	314.7	5,700 *	60.3	310.5	4,200 *
300	70	220	55.3	309.8	6,400 *	57.0	307.7	5,200 *	58.4	303.5	3,800 *
300	70	230	53.4	302.4	5,900 *	55.0	300.2	4,800 *	56.5	295.9	3,600 *
300	70	240	51.4	294.4	5,500 *	53.1	292.2	4,400 *	54.4	287.7	3,200 *
300	70	250	49.4	285.9	5,000 *	51.0	283.6	4,200 *	52.4	279.0	3,000 *
300	70	260	47.3	276.7	4,700 *	48.9	274.3	3,900 *	50.2	269.5	2,800 *

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+AB Ctw 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the Crane Rating Manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
300	70	270	45.1	266.8	4,400	46.7	264.3	3,500 *	48.0	259.3	2,500 *
300	70	280	42.9	256.1	3,700	44.5	253.5	3,300 *	45.7	248.3	2,400 *
300	70	290	40.5	244.5	3,000	42.1	241.8	3,100 *			
300	70	300	38.0	231.8	2,400	39.6	229.0	2,700			
300	80	70	81.0	383.6	17,800 *						
300	80	80	79.4	381.7	17,600 *	81.5	379.7	16,300 *			
300	80	90	77.9	379.5	17,300 *	79.9	377.5	15,100 *	81.8	373.6	12,200 *
300	80	100	76.4	377.0	15,800 *	78.4	375.0	13,700 *	80.2	371.1	10,900 *
300	80	110	74.8	374.2	14,600 *	76.8	372.2	12,500 *	78.7	368.3	9,800 *
300	80	120	73.2	371.2	13,400 *	75.2	369.2	11,300 *	77.1	365.1	8,700 *
300	80	130	71.7	367.8	12,100 *	73.6	365.8	10,300 *	75.5	361.7	7,800 *
300	80	140	70.1	364.1	11,200 *	72.0	362.1	9,200 *	73.8	358.0	7,100 *
300	80	150	68.5	360.1	10,200 *	70.4	358.1	8,500 *	72.2	353.9	6,400 *
300	80	160	66.8	355.8	9,300 *	68.8	353.7	7,600 *	70.5	349.5	5,700 *
300	80	170	65.2	351.1	8,600 *	67.1	349.0	7,000 *	68.8	344.7	5,100 *
300	80	180	63.5	346.1	7,800 *	65.4	343.9	6,500 *	67.1	339.6	4,600 *
300	80	190	61.8	340.7	7,300 *	63.7	338.5	5,800 *	65.4	334.1	4,200 *
300	80	200	60.0	334.9	6,600 *	61.9	332.6	5,400 *	63.6	328.2	3,800 *
300	80	210	58.3	328.7	6,200 *	60.2	326.4	4,900 *	61.8	321.8	3,500 *
300	80	220	56.5	322.0	5,700 *	58.4	319.7	4,500 *	60.0	315.0	3,200 *
300	80	230	54.6	314.9	5,300 *	56.5	312.5	4,200 *	58.1	307.7	2,900 *
300	80	240	52.8	307.2	4,900 *	54.6	304.8	3,800 *	56.2	299.9	2,700 *
300	80	250	50.8	299.1	4,500 *	52.6	296.5	3,500 *	54.2	291.5	2,400 *
300	80	260	48.8	290.3	4,200 *	50.6	287.7	3,300 *	52.1	282.5	2,200 *
300	80	270	46.8	280.9	3,900 *	48.6	278.2	3,000 *	50.0	272.8	2,100 *
300	80	280	44.6	270.8	3,600 *	46.4	268.0	2,800 *			
300	80	290	42.4	259.8	3,200	44.2	256.9	2,700 *			
300	80	300	40.1	248.0	2,600	41.8	245.0	2,500 *			
300	80	310	37.6	235.1	2,000	39.3	231.9	2,300			
300	90	70	81.3	393.7	13,900 *						
300	90	80	79.8	391.8	13,600 *						
300	90	90	78.4	389.7	13,400 *	80.6	387.6	12,200 *			
300	90	100	76.9	387.3	13,200 *	79.0	385.1	11,900 *	81.1	380.8	9,300 *
300	90	110	75.3	384.6	12,900 *	77.5	382.4	10,900 *	79.6	378.1	8,300 *
300	90	120	73.8	381.6	11,900 *	76.0	379.4	9,800 *	78.0	375.0	7,400 *
300	90	130	72.3	378.4	10,800 *	74.4	376.1	9,000 *	76.5	371.7	6,700 *
300	90	140	70.7	374.8	9,900 *	72.9	372.5	8,100 *	74.9	368.1	5,900 *
300	90	150	69.2	370.9	9,000 *	71.3	368.6	7,400 *	73.3	364.1	5,300 *
300	90	160	67.6	366.7	8,200 *	69.7	364.4	6,700 *	71.7	359.8	4,800 *
300	90	170	66.0	362.2	7,700 *	68.1	359.9	6,100 *	70.0	355.2	4,300 *
300	90	180	64.3	357.3	7,100 *	66.5	355.0	5,500 *	68.4	350.3	3,900 *
300	90	190	62.7	352.1	6,500 *	64.8	349.7	5,100 *	66.7	344.9	3,500 *
300	90	200	61.0	346.5	5,900 *	63.1	344.0	4,600 *	65.0	339.2	3,200 *
300	90	210	59.3	340.5	5,500 *	61.4	338.0	4,200 *	63.2	333.0	2,900 *
300	90	220	57.6	334.0	5,000 *	59.6	331.5	3,900 *	61.5	326.5	2,600 *
300	90	230	55.8	327.2	4,600 *	57.9	324.6	3,600 *	59.7	319.4	2,400 *
300	90	240	54.0	319.9	4,300 *	56.0	317.2	3,200 *	57.8	311.9	2,200 *
300	90	250	52.1	312.0	4,000 *	54.2	309.3	3,000 *			
300	90	260	50.2	303.6	3,700 *	52.2	300.8	2,800 *			

HC-278H w/ 68 x 80 Tube Boom w/ ABCD+AB Cttw 360 Degree Jib Capacity on 5 Outriggers

Refer to all notes in front of the Crane Rating Manual before operating the machine.

Boom Length (ft)	Jib Length (ft)	Jib Load Radius (ft)	Jib Angle to Boom								
			5 Degrees			15 Degrees			25 Degrees		
			Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)	Boom Angle (deg)	Jib Pt Height (ft)	Jib Cap. (lbs)
300	90	270	48.3	294.7	3,400 *	50.3	291.8	2,600 *			
300	90	280	46.2	285.0	3,200 *	48.2	282.1	2,400 *			
300	90	290	44.1	274.7	3,000 *	46.1	271.6	2,200 *			
300	90	300	42.0	263.6	2,800 *	43.9	260.3	2,100 *			
300	90	310	39.7	251.5	2,200						
300	100	70	81.7	403.8	9,900 *						
300	100	80	80.2	402.0	9,700 *						
300	100	90	78.8	399.9	9,500 *	81.2	397.6	8,400 *			
300	100	100	77.3	397.6	9,200 *	79.7	395.2	8,200 *	82.0	390.6	7,400 *
300	100	110	75.8	395.0	9,000 *	78.2	392.6	8,100 *	80.5	387.9	7,100 *
300	100	120	74.4	392.1	8,800 *	76.7	389.7	7,900 *	78.9	384.9	6,400 *
300	100	130	72.9	388.9	8,600 *	75.2	386.5	7,800 *	77.4	381.7	5,600 *
300	100	140	71.3	385.4	8,400 *	73.7	383.0	7,000 *	75.9	378.2	5,000 *
300	100	150	69.8	381.7	8,000 *	72.2	379.2	6,400 *	74.3	374.3	4,500 *
300	100	160	68.3	377.6	7,400 *	70.6	375.1	5,800 *	72.8	370.2	4,000 *
300	100	170	66.7	373.2	6,800 *	69.1	370.7	5,300 *	71.2	365.7	3,600 *
300	100	180	65.2	368.5	6,200 *	67.5	365.9	4,800 *	69.6	360.8	3,200 *
300	100	190	63.6	363.4	5,600 *	65.9	360.8	4,300 *	67.9	355.7	2,900 *
300	100	200	61.9	358.0	5,100 *	64.2	355.3	3,900 *	66.3	350.1	2,600 *
300	100	210	60.3	352.2	4,800 *	62.6	349.5	3,600 *	64.6	344.2	2,300 *
300	100	220	58.6	346.0	4,400 *	60.9	343.2	3,300 *	62.9	337.8	2,100 *
300	100	230	56.9	339.3	4,100 *	59.1	336.6	3,000 *			
300	100	240	55.2	332.3	3,800 *	57.4	329.5	2,800 *			
300	100	250	53.4	324.8	3,500 *	55.6	321.9	2,500 *			
300	100	260	51.5	316.7	3,200 *	53.7	313.7	2,400 *			
300	100	270	49.7	308.1	3,000 *	51.8	305.1	2,200 *			
300	100	280	47.7	299.0	2,800 *	49.9	295.8	2,000 *			
300	100	290	45.7	289.1	2,600 *						
300	100	300	43.7	278.6	2,400 *						
300	100	310	41.5	267.2	2,200 *						