

**Link-Belt® HC-248H Lifting Crane Capacities — open throat boom** PCSA Class 12-921  
Refer to notes page 10

**Boom** — Tube; 80" (2.03 m) wide, 68" (1.73m) deep with open throat top section.

**Jib** — Tube; 32" (.81 m) wide, 24" (.61m) deep.

**Counterweights** — Refer to chart below.

**Mounting** — rubber tire mobile base:  
Link-Belt; 8 x 4 drive, 282" (7.16m) wheelbase, 11' 0" (3.35m) wide.

Counterweights									
"A" upper		"AB" upper		"ABC" upper		"A" bumper		"AB" bumper	
Pounds	Kilograms	Pounds	kilograms	Pounds	Kilograms	Pounds	kilograms	Pounds	Kilograms
23,000	10 433	42,330	19 201	63,440	28 776	13,500	6 124	25,000	11 340

Open throat boom or boom + jib machine can **lift off** ground unassisted, without load.

Standard HC-248H must be equipped with the counterweights listed below when the indicated boom or boom + jib lengths are used.	Boom or boom + jib lengths allowed	On outriggers							
		Over rear				Over side			
		Boom		Boom + jib		Boom		Boom + jib	
		Feet	meters	Feet	meters	Feet	meters	Feet	meters
Cwt. ABC + 0	Minimum	50	15.24	50 + 30	15.24 + 9.14	50	15.24	50 + 30	15.24 + 9.14
	Maximum	240	73.15	200 + 100	60.96 + 30.48	240	73.15	200 + 100	60.96 + 30.48
Cwt. ABC + A	Minimum	100	30.48	---	---	100	30.48	---	---
	Maximum	260	79.25	---	---	250	76.20	---	---
Cwt. ABC + AB	Minimum	180	54.86	210 + 30	64.01 + 9.14	180	54.86	210 + 30	64.01 + 9.14
	Maximum	280	85.34	240 + 100	73.15 + 30.48	250	76.20	210 + 100	64.01 + 30.48

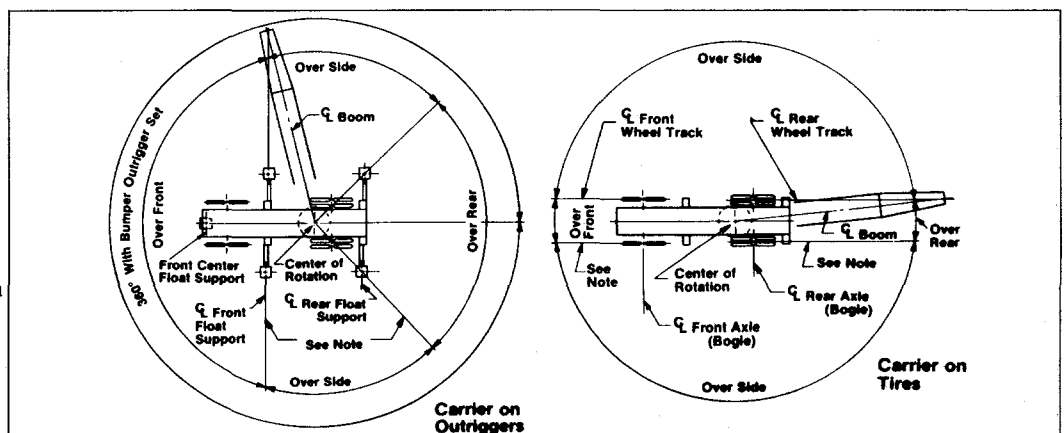
Machine **travel** <sup>①</sup> with open throat boom + jib, with no load. <sup>②</sup>

Standard HC-248H must be equipped with the counterweights listed below when the indicated boom or boom + jib lengths are used.	Boom or boom + jib lengths allowed	On tires <sup>③</sup>							
		Jobsite moves at 1 mph (1.61 km/h) with boom or boom + jib in the air, and with upper facing rear or front. <sup>④</sup>				Jobsite moves at 5 mph (8.05 km/h), with boom or boom + jib horizontal over rear only, and supporting with standard suspension.			
		Boom		Boom + jib		Boom		Boom + jib	
		Feet	meters	Feet	meters	Feet	meters	Feet	meters
Cwt. ABC + 0	Minimum	50	15.24	50 + 30	15.24 + 9.14	50	15.24	---	---
	Maximum	240	73.15	200 + 100	60.96 + 30.48	140	42.67	---	---
Cwt. ABC + A	Minimum	100	30.48	---	---	110	33.53	---	---
	Maximum	260	79.25	---	---	140	42.67	---	---
Cwt. ABC + AB	Minimum	180	54.86	180 + 30	54.86 + 9.14	---	---	---	---
	Maximum	280	85.34	240 + 100	73.15 + 30.48	---	---	---	---

- ① Hook block may be carried only when attached to carrier.
- ② Limited to 85% of available stability with machine standing level on firm supporting surface.
- ③ For air pressure in front and rear tires refer to operator's manual or tire inflation chart on machine.
- ④ Refer to operator's manual for permissible boom angles during travel.

**Working Areas**

1. These lines determine the limiting position of any load for operation within working areas indicated.
2. Do not swing over side until all outrigger beams are fully extended, until all tires are clear of the ground and machine is properly leveled on a firm supporting surface on 5 jacks.



**Caution:** This material is for reference only. Operator must refer to in-cab capacity plate to determine allowable machine lifting capacities and operating procedures.

# HC-248H Lift Crane Capacities

Refer to notes on page 10.

Boom - tube:

80" (2.03 m) wide and 68" (1.73 m) deep with open throat top section. Hammerhead tip required for 35' (10.67 m) boom length.

Mounting - Link-Belt carrier:

8 x 4 drive, 282" (7.16 m) wheelbase 11' 0" (3.35 m) wide.

Counterweights:

Upper cwt. "ABC": 63,440 lbs. (28 776 kg)  
 Bumper cwt. "A": 13,500 lbs. (6 124 kg)  
 Bumper cwt. "AB": 25,000 lbs. (11 340 kg)

Length	Boom				Boom Pt. Height <sup>①</sup>
	Radius		Angle	Boom Pt. Height	
	feet	meters	degree	feet	
<b>35' <sup>②</sup></b> <b>(10.67 m)</b>	10	3.05	82.0	39.5	12.03
	15	4.57	73.5	38.0	11.58
	20	6.10	63.8	36.0	10.97
	30	9.14	40.1	27.0	8.22
<b>50'</b> <b>(15.24 m)</b>	12	3.66	80.0	57.2	17.43
	15	4.57	76.4	56.5	17.22
	20	6.10	70.5	55.0	16.76
	25	7.62	64.3	53.0	16.15
	30	9.14	57.7	50.2	15.30
	40	12.19	42.7	41.9	12.77
<b>60'</b> <b>(18.29 m)</b>	50	15.24	20.9	25.7	7.83
	13	3.96	80.7	67.1	20.45
	15	4.57	78.7	66.8	20.36
	20	6.10	73.8	65.5	19.96
	25	7.62	68.8	63.9	19.48
	30	9.14	63.6	61.6	18.78
<b>70'</b> <b>(21.34 m)</b>	40	12.19	52.3	55.4	16.89
	50	15.24	38.9	45.6	13.90
	60	18.29	19.0	27.5	8.38
	14	4.27	81.2	77.1	23.50
	15	4.57	80.4	76.9	23.44
	20	6.10	76.2	75.9	23.13
<b>80'</b> <b>(24.38 m)</b>	25	7.62	71.9	74.5	22.71
	30	9.14	67.6	72.6	22.13
	40	12.19	58.4	67.5	20.57
	50	15.24	48.1	60.1	18.32
	60	18.29	35.9	48.9	14.90
	70	21.34	17.6	29.1	8.87
<b>90'</b> <b>(27.43 m)</b>	15	4.57	81.6	87.1	26.55
	20	6.10	77.9	86.2	26.27
	25	7.62	74.2	84.9	25.88
	30	9.14	70.5	83.3	25.39
	40	12.19	62.7	79.0	24.08
	50	15.24	54.3	72.9	22.22
<b>90'</b> <b>(27.43 m)</b>	60	18.29	44.8	64.3	19.60
	70	21.34	33.5	52.1	15.88
	80	24.38	16.5	30.6	9.33
	16	4.88	81.9	97.0	29.57
	20	6.10	79.3	96.4	29.38
	25	7.62	76.0	95.3	29.05
<b>90'</b> <b>(27.43 m)</b>	30	9.14	72.7	93.9	28.62
	40	12.19	65.9	90.1	27.46
	50	15.24	58.7	84.8	25.85
	60	18.29	50.9	77.8	23.71
	70	21.34	42.2	68.3	20.82
	80	24.38	31.5	55.0	16.76
90	27.43	15.5	32.0	9.75	

① Measured vertically from center of boom head sheave to ground.

Length	On outriggers w/ctwt. "ABC" & no bumper cwt.				On outriggers w/ctwt. "ABC" & "A" bumper cwt.				On outriggers w/ctwt. "ABC" & "AB" bumper cwt.							
	360°		Rear		360°		Rear		360°		Rear		360°		Rear	
	pounds	kg	pounds	kg	pounds	kg	pounds	kg	pounds	kg	pounds	kg	pounds	kg	pounds	kg
<b>35' <sup>②</sup></b> <b>(10.67 m)</b>	400,000*	181 440*	400,000*	181 440*	--	--	--	--	--	--	--	--	--	--	--	--
	288,300*	130 773*	288,300*	130 773*	--	--	--	--	--	--	--	--	--	--	--	--
	218,700*	99 202*	218,700*	99 202*	--	--	--	--	--	--	--	--	--	--	--	--
	135,900*	61 644*	135,900*	61 644*	--	--	--	--	--	--	--	--	--	--	--	--
<b>50'</b> <b>(15.24 m)</b>	350,000*	158 760*	350,000*	158 760*	97,000*	43 999*	97,000*	43 999*	97,000*	43 999*	97,000*	43 999*	97,000*	43 999*	97,000*	43 999*
	291,300*	132 134*	291,300*	132 134*	88,000*	39 917*	88,000*	39 917*	88,000*	39 917*	88,000*	39 917*	88,000*	39 917*	88,000*	39 917*
	221,400*	100 427*	221,400*	100 427*	76,200*	34 564*	76,200*	34 564*	76,200*	34 564*	76,200*	34 564*	76,200*	34 564*	76,200*	34 564*
	178,100*	80 786*	178,100*	80 786*	67,000*	30 391*	67,000*	30 391*	67,000*	30 391*	67,000*	30 391*	67,000*	30 391*	67,000*	30 391*
	142,000	64 411	142,000	64 411	57,800	26 218	57,800	26 218	57,800	26 218	57,800	26 218	57,800	26 218	57,800	26 218
	90,500	41 051	92,100	41 777	40,400	18 325	40,400	18 325	40,400	18 325	40,400	18 325	40,400	18 325	40,400	18 325
<b>60'</b> <b>(18.29 m)</b>	303,000*	137 441*	303,000*	137 441*	93,300*	42 321*	93,300*	42 321*	93,300*	42 321*	93,300*	42 321*	93,300*	42 321*	93,300*	42 321*
	289,800*	131 453*	289,800*	131 453*	87,700*	39 781*	87,700*	39 781*	87,700*	39 781*	87,700*	39 781*	87,700*	39 781*	87,700*	39 781*
	221,400*	100 427*	221,400*	100 427*	75,800*	34 383*	75,800*	34 383*	75,800*	34 383*	75,800*	34 383*	75,800*	34 383*	75,800*	34 383*
	178,200*	80 832*	178,200*	80 832*	66,600*	30 210*	66,600*	30 210*	66,600*	30 210*	66,600*	30 210*	66,600*	30 210*	66,600*	30 210*
	142,400	64 593	142,400	64 593	57,900	26 263	57,900	26 263	57,900	26 263	57,900	26 263	57,900	26 263	57,900	26 263
	90,800	41 187	92,400	41 913	40,500	18 371	40,500	18 371	40,500	18 371	40,500	18 371	40,500	18 371	40,500	18 371
<b>70'</b> <b>(21.34 m)</b>	282,400*	128 097*	282,400*	128 097*	90,200*	40 915*	90,200*	40 915*	90,200*	40 915*	90,200*	40 915*	90,200*	40 915*	90,200*	40 915*
	278,000*	126 101*	278,000*	126 101*	87,500*	39 690*	87,500*	39 690*	87,500*	39 690*	87,500*	39 690*	87,500*	39 690*	87,500*	39 690*
	222,000*	100 699*	222,000*	100 699*	75,700*	34 338*	75,700*	34 338*	75,700*	34 338*	75,700*	34 338*	75,700*	34 338*	75,700*	34 338*
	178,600*	81 013*	178,600*	81 013*	66,500*	30 164*	66,500*	30 164*	66,500*	30 164*	66,500*	30 164*	66,500*	30 164*	66,500*	30 164*
	143,300	65 001	143,300	65 001	58,400	26 490	58,400	26 490	58,400	26 490	58,400	26 490	58,400	26 490	58,400	26 490
	91,500	41 504	93,000	42 185	40,900	18 552	40,900	18 552	40,900	18 552	40,900	18 552	40,900	18 552	40,900	18 552
<b>80'</b> <b>(24.38 m)</b>	258,100*	117 074*	258,100*	117 074*	86,900*	39 418*	86,900*	39 418*	86,900*	39 418*	86,900*	39 418*	86,900*	39 418*	86,900*	39 418*
	221,800*	100 608*	221,800*	100 608*	75,100*	34 065*	75,100*	34 065*	75,100*	34 065*	75,100*	34 065*	75,100*	34 065*	75,100*	34 065*
	178,400*	80 922*	178,400*	80 922*	66,000*	29 938*	66,000*	29 938*	66,000*	29 938*	66,000*	29 938*	66,000*	29 938*	66,000*	29 938*
	143,400	65 046	143,400	65 046	58,300	26 445	58,300	26 445	58,300	26 445	58,300	26 445	58,300	26 445	58,300	26 445
	91,500	41 504	93,000	42 185	40,700	18 462	40,700	18 462	40,700	18 462	40,700	18 462	40,700	18 462	40,700	18 462
	66,300	30 074	68,100	30 890	30,800	13 971	30,800	13 971	30,800	13 971	30,800	13 971	30,800	13 971	30,800	13 971
<b>90'</b> <b>(27.43 m)</b>	238,700*	108 274*	238,700*	108 274*	83,700*	37 966*	83,700*	37 966*	83,700*	37 966*	83,700*	37 966*	83,700*	37 966*	83,700*	37 966*
	221,600*	100 518*	221,600*	100 518*	74,500*	33 793*	74,500*	33 793*	74,500*	33 793*	74,500*	33 793*	74,500*	33 793*	74,500*	33 793*
	178,200*	80 832*	178,200*	80 832*	65,400*	29 665*	65,400*	29 665*	65,400*	29 665*	65,400*	29 665*	65,400*	29 665*	65,400*	29 665*
	143,400	65 046	143,400	65 046	58,100	26 354	58,100	26 354	58,100	26 354	58,100	26 354	58,100	26 354	58,100	26 354
	91,400	41 459	92,900	42 139	40,600	18 416	40,600	18 416	40,600	18 416	40,600	18 416	40,600	18 416	40,600	18 416
	66,200	30 028	68,000	30 845	30,600	13 880	30,600	13 880	30,600	13 880	30,600	13 880	30,600	13 880	30,600	13 880

② Requires hammerhead tip.

# HC-248H Lift Crane Capacities

Refer to notes on page 10

**Boom - tube:**

80" (2.03 m) wide and 68" (1.73 m) deep with open throat top section.

**Mounting - Link-Belt carrier:**

8 x 4 drive, 282" (7.16 m) wheelbase 11' 0" (3.35 m) wide.

**Counterweights:**

Upper ctwt. "ABC": 63,440 lbs. (28 776 kg)  
 Bumper ctwt. "A": 13,500 lbs. (6 124 kg)  
 Bumper ctwt. "AB": 25,000 lbs. (11 340 kg)

Length	Boom				On outriggers w/ctwt. "ABC" & no bumper ctwt.		On tires w/ctwt. "ABC" & no bumper ctwt.		On outriggers w/ctwt. "ABC" & "A" bumper ctwt.				On outriggers w/ctwt. "ABC" & "AB" bumper ctwt.				
	Radius		Angle	Boom Pt. Height	360°		Straight Over Rear		360°		360°		360°		360°		
	feet	meters	degree	feet	meters	pounds	kg	pounds	kg	pounds	kg	pounds	kg	pounds	kg	pounds	kg
<b>100'</b> (30.48 m)	18	5.49	81.5	106.8	32.55	217,000*	98 431*	78,200*	35 472*	217,000*	98 431*	217,000*	98 431*	217,000*	98 431*	217,000*	98 431*
	20	6.10	80.4	106.5	32.46	211,600*	95 982*	73,900*	33 521*	211,600*	95 982*	211,600*	95 982*	211,600*	95 982*	211,600*	95 982*
	25	7.62	77.5	105.5	32.16	178,000*	80 741*	64,800*	29 393*	178,000*	80 741*	178,000*	80 741*	178,000*	80 741*	178,000*	80 741*
	30	9.14	74.5	104.3	31.79	143,300*	65 001	57,700*	26 173*	142,700*	64 729*	142,700*	64 729*	142,700*	64 729*	142,700*	64 729*
	35	10.67	71.5	102.8	31.33	112,000*	50 803	47,800	21 682	116,700*	52 935	116,700*	52 935	116,700*	52 935	116,700*	52 935
	40	12.19	68.5	100.9	30.75	91,300	41 414	42 094	18 325	95,100	43 137	95,100	43 137	95,100	43 137	95,100	43 137
	50	15.24	62.1	96.3	29.35	66,000	29 938	30 754	13 789	68,900	31 253	68,900	31 253	68,900	31 253	68,900	31 253
	60	18.29	55.4	90.3	27.52	51,200	23 224	32 995	10 932	53,500	24 268	53,500	24 268	53,500	24 268	53,500	24 268
	70	21.34	48.1	82.4	25.12	41,300	18 734	42 900	8 891	43,200	19 596	43,200	19 596	43,200	19 596	43,200	19 596
	80	24.38	39.9	72.1	21.98	34,300	15 558	35 800	7 348	35,900	16 284	35,900	16 284	35,900	16 284	35,900	16 284
90	27.43	29.9	57.7	17.59	29,200	13 245	30 400	6 169	30,500	13 835	30,500	13 835	30,500	13 835	30,500	13 835	
100	30.48	14.7	33.3	10.15	25,100	11 385	26 300	5 216	26,300	11 930	26,300	11 930	26,300	11 930	26,300	11 930	
<b>110'</b> (33.53 m)	19	5.79	81.8	116.8	35.60	200,500*	90 947*	75,400*	34 201*	200,500*	90 947*	200,500*	90 947*	200,500*	90 947*	200,500*	90 947*
	25	7.62	78.6	115.8	35.30	198,000*	89 813*	73,300*	33 249*	198,000*	89 813*	198,000*	89 813*	198,000*	89 813*	198,000*	89 813*
	30	9.14	75.9	114.6	34.93	177,700*	80 605*	64,200*	29 121*	177,700*	80 605*	177,700*	80 605*	177,700*	80 605*	177,700*	80 605*
	35	10.67	73.2	113.3	34.53	143,200	64 956	57,100*	25 901*	142,300*	64 547*	142,300*	64 547*	142,300*	64 547*	142,300*	64 547*
	40	12.19	70.5	111.6	34.15	111,900	50 758	47,500	21 546	116,500*	52 844*	116,500*	52 844*	116,500*	52 844*	116,500*	52 844*
	50	15.24	64.9	107.5	32.77	91,100	41 323	40,100	18 189	95,000*	43 092*	95,000*	43 092*	95,000*	43 092*	95,000*	43 092*
	60	18.29	59.0	102.2	31.15	65,900	29 892	32,600	13 653	68,700	31 162	68,700	31 162	68,700	31 162	68,700	31 162
	70	21.34	52.7	95.4	29.08	51,000	23 134	32 900	10 841	53,300	24 177	53,300	24 177	53,300	24 177	53,300	24 177
	80	24.38	45.8	86.8	26.46	41,100	18 643	42 700	8 700	43,000	19 505	43,000	19 505	43,000	19 505	43,000	19 505
	90	27.43	38.0	75.6	23.04	34,100	15 468	35 600	7 258	35,700	16 194	35,700	16 194	35,700	16 194	35,700	16 194
100	30.48	28.4	60.3	18.38	24,900	11 295	26 200	6 078	26,200	11 884	26,200	11 884	26,200	11 884	26,200	11 884	
110	33.53	14.0	34.6	10.55	21,600	9 798	22,800	4 400	22,800	10 342	22,800	10 342	22,800	10 342	22,800	10 342	
<b>120'</b> (36.58 m)	20	6.10	82.0	126.8	38.65	186,800*	84 732*	72,600*	32 931*	186,800*	84 732*	186,800*	84 732*	186,800*	84 732*	186,800*	84 732*
	25	7.62	79.6	125.9	38.37	174,600*	79 199*	63,800*	28 849*	174,600*	79 199*	174,600*	79 199*	174,600*	79 199*	174,600*	79 199*
	30	9.14	77.1	124.9	38.07	143,000	64 865	56,600*	25 674*	141,900*	64 366*	141,900*	64 366*	141,900*	64 366*	141,900*	64 366*
	35	10.67	74.7	123.7	37.70	111,800	50 712	47,300	21 455	116,100*	52 663*	116,100*	52 663*	116,100*	52 663*	116,100*	52 663*
	40	12.19	72.2	122.2	37.25	90,900	41 232	39,900	18 099	94,800	43 001	94,800	43 001	94,800	43 001	94,800	43 001
	50	15.24	67.1	118.5	36.12	65,600	29 756	29,900	13 563	68,500	31 072	68,500	31 072	68,500	31 072	68,500	31 072
	60	18.29	61.8	113.7	34.86	50,800	23 043	23,000	10 705	53,100	24 086	53,100	24 086	53,100	24 086	53,100	24 086
	70	21.34	56.2	107.7	32.83	40,900	18 552	42 500	8 664	42,800	19 414	42,800	19 414	42,800	19 414	42,800	19 414
	80	24.38	50.3	100.2	30.54	33,900	15 377	35 300	7 167	35,500	16 103	35,500	16 103	35,500	16 103	35,500	16 103
	90	27.43	43.7	90.9	27.71	28,800	13 064	30 000	6 075	30,100	13 653	30,100	13 653	30,100	13 653	30,100	13 653
100	30.48	36.3	79.0	24.08	24,700	11 204	26 000	5 080	26,000	11 794	26,000	11 794	26,000	11 794	26,000	11 794	
110	33.53	27.2	62.8	19.14	21,500	9 752	22 600	4 309	22,600	10 251	22,600	10 251	22,600	10 251	22,600	10 251	
120	36.58	13.4	35.8	10.91	18,800	8 528	19 800	3 674	19,800	8 981	19,800	8 981	19,800	8 981	19,800	8 981	
<b>130'</b> (39.62 m)	22	6.71	81.7	136.6	41.64	170,400*	77 293*	68,100*	30 890*	170,400*	77 293*	170,400*	77 293*	170,400*	77 293*	170,400*	77 293*
	25	7.62	80.4	136.1	41.48	165,100*	74 889*	62,900*	28 531*	165,100*	74 889*	165,100*	74 889*	165,100*	74 889*	165,100*	74 889*
	30	9.14	78.1	135.1	41.18	142,900	64 819	56,000*	25 402*	141,400*	64 139*	141,400*	64 139*	141,400*	64 139*	141,400*	64 139*
	35	10.67	75.9	134.0	40.84	111,600	50 622	47,000	21 319	115,700*	52 482*	115,700*	52 482*	115,700*	52 482*	115,700*	52 482*
	40	12.19	73.6	132.6	40.42	90,700	41 142	39,600	17 963	94,600	42 911	94,600	42 911	94,600	42 911	94,600	42 911
	50	15.24	68.9	129.2	39.38	65,400	29 665	29,600	13 427	68,300	30 981	68,300	30 981	68,300	30 981	68,300	30 981

# HC-248H Lift Crane Capacities

Refer to notes on page 10

## Boom - tube:

80" (2.03 m) wide and 68" (1.73 m) deep with open throat top section.

## Mounting - Link-Belt carrier:

8 x 4 drive, 282" (7.16 m) wheelbase 11' 0" (3.35 m) wide.

## Counterweights:

Upper ctwt. "ABC": 63,440 lbs. (28,776 kg)

Bumper ctwt. "A": 13,500 lbs. (6,124 kg)

Bumper ctwt. "AB": 25,000 lbs. (11,340 kg)

Length	Boom				On outriggers w/ctwt. "ABC" & no bumper ctwt.						On tires w/ctwt. "ABC" & no bumper ctwt.		On outriggers w/ctwt. "ABC" & "A" bumper ctwt.				On outriggers w/ctwt. "ABC" & "AB" bumper ctwt.			
	Radius		Angle	Boom Pt. Height	360°		Rear		Straight Over Rear		360°		Rear		360°		Rear			
	feet	meters	degree	feet	meters	kg	pounds	kg	pounds	kg	pounds	kg	pounds	kg	pounds	kg	pounds	kg	pounds	
<b>130'</b> (39.62 m)	60	18.29	64.1	124.9	38.07	22,952	52,300	23,723	23,400	10,614	52,900	23,995	59,600	27,035						
	70	21.34	59.1	119.5	36.42	18,462	42,200	19,142	18,900	8,573	42,600	19,323	48,500	22,000						
	80	24.38	53.8	112.9	34.41	15,241	35,100	15,921	15,500	7,031	35,200	15,967	40,500	18,371						
	90	27.43	48.2	104.8	31.94	12,973	29,700	13,472	13,000	5,897	29,800	13,517	34,400	15,604						
	100	30.48	41.9	94.8	28.90	11,113	25,700	11,658	10,900	4,944	25,700	11,658	29,700	13,472						
	110	33.53	34.8	82.8	25.05	9,616	22,400	10,161	9,300	4,218	22,400	10,161	26,100	11,839						
	120	36.58	26.1	65.2	19.87	8,437	19,600	8,891	7,900	3,583	19,600	8,891	23,000	10,493						
	130	39.62	12.9	36.9	11.25	7,394	17,300	7,847	6,700	3,039	17,300	7,847	20,400	9,253						
	23	7.01	81.9	146.5	44.65	72,122*	159,000*	72,122*	65,700*	29,802*	159,000*	72,122*	159,000*	72,122*						
	25	7.62	81.1	146.2	44.56	70,535*	155,500*	70,535*	62,300*	28,259*	155,500*	70,535*	155,500*	70,535*						
	30	9.14	79.0	145.4	44.32	64,729	142,700	64,729	55,400*	25,129*	141,000*	63,958*	147,400*	66,861*						
	35	10.67	76.9	144.3	43.98	50,531	112,300	50,939	46,800	21,228	115,300*	52,300*	126,000*	57,154*						
	40	12.19	74.8	143.0	43.59	41,051	91,900	41,686	39,400	17,872	94,400	42,820	104,600	47,447						
50	15.24	70.5	139.9	42.64	29,575	66,900	30,346	29,300	13,290	68,000	30,845	76,300	34,610							
60	18.29	66.1	135.9	41.42	22,861	52,000	23,587	23,100	10,478	52,600	23,859	59,300	26,898							
70	21.34	61.5	131.0	39.93	18,325	42,000	19,051	18,600	8,437	42,300	19,187	48,200	21,864							
80	24.38	56.8	125.0	38.10	15,150	34,800	15,785	15,300	6,940	35,000	15,876	40,200	18,235							
90	27.43	51.7	117.8	35.91	12,837	29,400	13,336	12,700	5,761	29,500	13,381	34,100	15,468							
100	30.48	46.3	109.1	33.25	10,977	25,500	11,567	10,700	4,854	25,500	11,567	29,400	13,336							
110	33.53	40.3	98.5	30.02	9,526	22,100	10,025	9,000	4,082	22,100	10,025	25,900	11,748							
120	36.58	33.5	85.2	25.97	8,301	19,400	8,800	7,600	3,447	19,300	8,754	22,800	10,342							
130	39.62	25.2	67.4	20.54	7,303	17,100	7,757	6,500	2,948	17,000	7,711	20,200	9,163							
140	42.67	12.4	38.1	11.61	6,441	15,100	6,849	5,500	2,495	15,100	6,849	18,000	8,165							
25	7.62	81.7	156.3	47.64	65,953*	145,400*	65,953*	61,700*	27,987*	145,400*	65,953*	145,400*	65,953*							
30	9.14	79.7	155.5	47.40	62,869*	138,600*	62,869*	54,800*	24,857*	138,600*	62,869*	138,600*	62,869*							
35	10.67	77.8	154.5	47.09	50,440	112,000	50,803	46,500	21,092	114,900*	52,119*	125,700*	57,018*							
40	12.19	75.8	153.4	46.76	40,960	91,700	41,595	39,100	17,736	94,100	42,884	104,300	47,310							
50	15.24	71.9	150.5	45.87	29,439	66,600	30,210	29,100	13,200	67,800	30,754	76,100	34,519							
60	18.29	67.8	146.8	44.74	22,725	51,700	23,451	22,900	10,387	52,400	23,769	59,000	26,762							
70	21.34	63.6	142.3	43.37	18,189	41,700	18,915	18,300	8,301	42,000	19,051	48,000	21,773							
80	24.38	59.2	136.8	41.70	15,014	34,500	15,649	15,000	6,804	34,700	15,940	39,900	18,099							
90	27.43	54.7	130.3	39.72	12,746	29,100	13,200	12,400	5,625	29,200	13,245	33,800	15,332							
100	30.48	49.8	122.6	37.37	10,886	25,200	11,431	10,400	4,717	25,200	11,431	29,100	13,200							
110	33.53	44.6	113.3	34.53	9,390	21,800	9,888	8,700	3,946	21,800	9,888	25,600	11,612							
120	36.57	38.9	102.1	31.12	8,210	19,100	8,664	7,400	3,357	19,100	8,664	22,500	10,206							
130	39.62	32.3	88.2	26.88	7,167	16,800	7,620	6,200	2,812	16,800	7,620	20,000	9,072							
140	42.67	24.3	69.6	21.21	6,350	14,900	6,759	5,200	2,359	14,800	6,713	17,800	8,074							
150	45.72	12.0	39.1	11.92	5,579	13,200	5,988	4,300	1,950	13,100	5,942	15,900	7,212							
26	7.92	81.8	166.3	50.69	61,508*	135,600*	61,508*	61,508*	27,987*	135,600*	61,508*	135,600*	61,508*							
30	9.14	80.4	165.7	50.51	59,376*	130,900*	59,376*	59,376*	24,857*	130,900*	59,376*	130,900*	59,376*							
35	10.67	78.6	164.7	50.20	50,350	111,800	50,712	50,712	21,092	114,500*	51,937*	125,200*	56,791*							
40	12.19	76.7	163.7	49.90	40,824	91,400	41,459	41,459	17,736	93,900	42,593	104,000	47,174							
50	15.24	73.0	161.0	49.07	29,348	66,300	30,074	30,074	10,387	67,500	30,618	75,800	34,383							
60	18.29	68.2	157.5	48.01	22,589	51,500	23,360	23,360	8,437	52,100	23,633	58,700	26,626							

# HC-248H Lift Crane Capacities

Refer to notes on page 10

## Boom - tube:

80" (2.03 m) wide and 68" (1.73 m) deep with open throat top section.

## Mounting - Link-Belt carrier:

8 x 4 drive, 282" (7.16 m) wheelbase 11' 0" (3.35 m) wide.

## Counterweights:

Upper cwt. "ABC": 63,440 lbs. (28 776 kg)  
 Bumper cwt. "A": 13,500 lbs. (6 124 kg)  
 Bumper cwt. "AB": 25,000 lbs. (11 340 kg)

Length	Boom			On outriggers w/cwt. "ABC" & no bumper cwt.				On tires w/cwt. "ABC" & no bumper cwt.				On outriggers w/cwt. "ABC" & "A" bumper cwt.				On outriggers w/cwt. "ABC" & "AB" bumper cwt.				
	feet	meters	Angle degree	Radius feet	Radius meters	Boom Pt. Height feet	Boom Pt. Height meters	360°		Straight Over Rear		360°		Rear		360°		Rear		
								pounds	kg	pounds	kg	pounds	kg	pounds	kg	pounds	kg	pounds	kg	pounds
<b>160'</b> (48.77 m)	70	21.34	65.4	153.3	46.73	18 099	41,400	18 779			41,700	18 915	47,700	21 637						
	80	24.38	61.3	148.3	45.20	14 878	34,200	15 513			34,400	15 604	39,600	17 963						
	90	27.43	57.2	142.4	43.40	12 610	29,100	13 200			28,900	13 109	33,500	15 196						
	100	30.48	52.8	135.4	41.27	10 750	24,900	11 295			24,900	11 295	29,100	13 200						
	110	33.88	48.2	127.1	38.74	9 253	21,600	9 798			21,600	9 850	25,300	11 476						
	120	36.57	43.2	117.4	35.78	8 074	18,800	8 528			18,800	8 528	22,200	10 070						
	130	39.62	37.6	105.6	32.19	7 076	16,500	7 484			16,500	7 484	19,700	8 936						
	140	42.67	31.3	91.0	27.74	6 214	14,500	6 623			14,500	6 577	17,500	7 938						
	150	45.72	23.5	71.7	21.85	5 489	12,900	5 851			12,900	5 851	15,600	7 076						
	160	48.77	11.0	40.2	12.25	4 854	11,500	5 216			11,400	5 171	14,000	6 350						
<b>170'</b> (51.82 m)	27	8.23	82.0	176.3	53.74	57 335*	126,400*	57 335*			126,400*	57 335*	126,400*	57 335*						
	30	9.14	81.0	175.8	53.58	55 884*	123,200*	55 884*			123,200*	55 884*	123,200*	55 884*						
	35	10.67	79.2	174.9	53.31	50 259	111,600	50 622			114,000*	51 710*	116,700*	52 935*						
	40	12.19	77.5	173.9	53.00	40 733	91,100	41 323			93,700	42 502	103,800	47 084						
	50	15.24	74.0	171.4	52.24	29 212	66,100	29 983			67,300	30 527	75,500	34 247						
	60	18.29	70.5	168.2	51.27	22 499	51,200	23 224			51,800	23 496	58,400	26 490						
	70	21.34	66.9	164.3	50.08	17 963	41,100	18 643			41,500	18 824	47,400	21 501						
	80	24.38	63.2	159.6	48.65	14 742	33,900	15 377			34,100	15 468	39,300	17 826						
	90	27.43	59.3	154.1	46.97	12 474	28,800	13 064			28,900	13 109	33,200	15 060						
	100	30.48	55.3	147.1	44.84	10 614	24,500	11 159			24,700	11 204	28,800	13 064						
<b>180'</b> (54.86 m)	29	8.84	81.8	186.1	56.72	52 436*	115,600*	52 436*			115,600*	52 436*	115,600*	52 436*						
	30	9.14	81.5	185.9	56.66	51 937*	114,500*	51 937*			114,500*	51 937*	114,500*	51 937*						
	35	10.67	79.9	185.1	56.42	49 805*	109,800*	49 805*			109,800*	49 805*	109,800*	49 805*						
	40	12.19	78.2	184.1	56.11	40 597	90,900	41 232			93,400	42 366	103,500	48 308						
	50	15.24	75.0	181.8	55.41	29 076	65,800	29 847			67,000	30 391	75,200	34 111						
	60	18.29	71.6	178.8	54.50	22 362	50,900	23 088			51,600	23 406	58,100	26 354						
	70	21.34	68.2	175.1	53.37	18 826	40,800	18 507			41,200	18 688	47,100	21 365						
	80	24.38	64.8	170.8	52.06	14 606	33,800	15 241			33,800	15 332	39,000	17 690						
	90	27.43	61.2	165.7	50.51	12 338	28,500	12 928			28,600	12 973	32,900	14 923						
	100	30.48	57.5	159.7	48.68	10 478	24,300	11 022			24,400	11 068	28,500	12 928						
	110	33.53	53.6	152.9	46.60	8 981	21,000	9 526			21,000	9 526	24,700	11 204						
	120	36.58	49.6	145.0	44.20	7 802	18,200	8 256			18,200	8 256	21,600	9 798						
	130	39.62	45.3	135.8	41.39	6 804	15,900	7 212			15,900	7 212	19,100	8 664						
	140	42.67	40.6	125.0	38.10	5 942	14,000	6 350			13,900	6 305	16,900	7 666						
	150	45.72	35.4	112.2	34.20	5 216	12,300	5 579			12,300	5 579	15,300	6 804						
	160	48.77	29.5	96.5	29.41	4 581	10,900	4 944			10,800	4 899	13,400	6 078						
	170	51.82	22.1	75.8	23.10	4 037	9,600	4 355			9,600	4 355	12,000	5 443						
	180	54.86	11.0	42.1	12.83	3 538	8,500	3 856			8,500	3 856	10,700	4 854						

# HC-248H Lift Crane Capacities

**Boom - tube:**  
80" (2.03 m) wide and 68" (1.73 m) deep with open throat top section.

**Mounting - Link-Belt carrier:**  
8 x 4 drive, 282" (7.16 m) wheelbase 11' 0" (3.35 m) wide.

**Counterweights:**  
Upper cwt. "ABC": 63,440 lbs. (28,776 kg)  
Bumper cwt. "A": 13,500 lbs. (6,124 kg)  
Bumper cwt. "AB": 25,000 lbs. (11,340 kg)

Refer to notes on page 10

Length	Boom				On outriggers w/cwt. "ABC" & no bumper cwt.				On outriggers w/cwt. "ABC" & "A" bumper cwt.				On outriggers w/cwt. "ABC" & "AB" bumper cwt.			
	Radius		Angle	Boom Pt. Height	360°		Rear	Straight Over Rear	360°		Rear	360°		Rear		
	feet	meters	degree	feet	meters	kg	pounds	kg	pounds	kg	pounds	kg	pounds	kg	pounds	
<b>190'</b> (57.91 m)	30	9.14	81.9	196.0	59.74	48 581*	107,100*	48 581*	107,100*	48 581*	107,100*	48 581*	107,100*	48 581*	107,100*	
	35	10.67	80.4	195.3	59.53	46 902*	103,400*	46 902*	103,400*	46 902*	103,400*	46 902*	103,400*	46 902*	103,400*	
	40	12.19	78.9	194.3	59.22	41 096	90,600	41 096	99,200*	44 997*	99,200*	44 997*	99,200*	44 997*	99,200*	
	50	15.24	75.8	192.1	58.55	28 940	65,500	29 711	30 255	74,900	33 975	30 028*	82,700*	30 028*	82,700*	
	60	18.29	72.6	189.3	57.70	49,000	22 226	50,600	23 270	58,200	26 400	23 542*	65,500*	23 542*	65,500*	
	70	21.34	69.4	185.8	56.63	39,000	17 690	40,500	18 371	46,800	21 228	19 006*	54,200	19 006*	54,200	
	80	24.34	66.2	181.8	55.41	31,900	14 470	33,300	15 105	33,500	17 554	15 695*	45,100	15 695*	45,100	
	90	27.43	62.8	177.0	53.95	26,900	12 202	28,200	12 792	28,300	14 787	13 200*	38,200	13 200*	38,200	
	100	30.48	59.4	171.5	52.27	22,800	10 342	24,000	10 886	24,100	12 792	11 340*	32,800	11 340*	32,800	
	110	33.53	55.8	165.1	50.32	19,500	8 845	20,600	9 344	20,700	11 068	12 500*	28,900	12 500*	28,900	
	120	36.58	52.1	157.8	48.10	16,900	7 666	17,900	8 119	17,900	9 662	18 600*	25,400	18 600*	25,400	
	130	39.62	48.2	149.5	45.57	14,600	6 623	15,600	7 076	15,600	8 482	16 200*	22,500	16 200*	22,500	
	140	42.67	44.0	139.9	42.64	12,800	5 806	13,700	6 214	13,600	7 530	14 200	20,000	14 200	20,000	
	150	45.72	39.4	128.6	39.20	11,200	5 080	12,000	5 443	12,000	6 668	12 400*	17,900	12 400*	17,900	
	160	48.77	34.4	115.3	35.14	9,800	4 445	10,600	4 808	10,500	5 942	10 900*	16,100	10 900*	16,100	
	170	51.82	28.7	99.1	30.21	8,600	3 901	9,300	4 218	9,300	5 307	9 500*	14,400*	9 500*	14,400*	
	180	54.86	21.5	77.7	23.68	7,500	3 402	8,200	3 720	8,200	4 717	8 300*	12,700*	8 300*	12,700*	
	190	57.91	10.7	43.1	13.14	6,500	2 948	7,200	3 266	7,200	4 218	7 200	11,000*	7 200	11,000*	
	<b>200'</b> (60.96 m)	32	9.75	81.7	205.9	62.76	43 228*	95,300*	43 228*	95,300*	43 228*	95,300*	43 228*	95,300*	43 228*	95,300*
35		10.67	80.9	205.4	62.61	42 956*	94,700*	42 956*	94,700*	42 956*	94,700*	42 956*	94,700*	42 956*	94,700*	
40		12.19	79.4	204.5	62.33	40 370	90,300	40 370	92,900	42 366*	92,900	42 366*	92,900	42 366*	92,900	
50		15.24	76.5	202.4	61.69	28 849	65,200	29 575	30 119	74,600	33 839	28 847*	82,200*	28 847*	82,200*	
60		18.29	73.5	199.7	60.87	22 090	50,300	22 816	23 134	57,900	26 263	23 360*	64,900*	23 360*	64,900*	
70		21.34	70.5	196.5	59.89	17 554	40,200	18 235	18 416	46,500	21 092	18 824*	53,900	18 824*	53,900	
80		24.38	67.4	192.6	58.70	14 334	33,000	14 969	15 060	38,300	17 373	15 513*	44,700	15 513*	44,700	
90		27.43	64.3	188.1	57.33	12 066	27,900	12 655	12 701	32,300	14 651	13 154*	37,900	13 154*	37,900	
100		30.48	61.1	183.0	55.78	10 206	23,700	10 750	10 796	27,900	12 655	11 204*	32,500	11 204*	32,500	
110		33.53	57.8	177.1	53.98	19,200	8 709	20,300	9 208	20,400	10 932	21 900*	28,600	21 900*	28,600	
120	36.58	54.3	170.3	51.91	16,600	7 530	17,600	1 983	17,600	9 526	18 300*	25,100	18 300*	25,100		
130	39.62	50.7	162.7	49.59	14,300	6 486	15,300	6 940	15,300	8 346	15 800*	22,100	15 800*	22,100		
140	42.67	46.9	153.9	46.91	12,500	5 670	13,400	6 078	13,300	7 348	13 800*	19,700	13 800*	19,700		
150	45.72	42.8	143.8	43.83	10,900	4 944	11,700	5 307	11,600	6 532	12 000*	17,600	12 000*	17,600		
160	48.77	38.4	132.2	40.29	9,500	4 309	10,300	4 672	10,200	5 806	10 500*	15,700	10 500*	15,700		
170	51.82	33.5	118.4	36.09	8,200	3 720	9,000	4 082	8,900	4 037	9 100*	14,100*	9 100*	14,100*		
180	54.86	27.9	101.6	30.97	7,200	3 266	7,900	3 583	7,800	3 538	7 900*	12,500*	7 900*	12,500*		
190	57.91	21.0	79.6	24.26	6,200	2 812	6,900	3 130	6,900	3 130	6 900*	11,000*	6 900*	11,000*		
200	60.96	10.4	44.0	13.41	5,400	2 449	6,000	2 722	6,000	2 722	6 000	9,500*	6 000	9,500*		
<b>210'</b> (64.01 m)	33	10.06	81.9	215.8	65.78	38 057*	83,900*	38 057*	83,900*	38 057*	83,900*	38 057*	83,900*	38 057*	83,900*	
	35	10.67	81.3	215.5	65.68	38 057*	83,900*	38 057*	83,900*	38 057*	83,900*	38 057*	83,900*	38 057*	83,900*	
	40	12.19	79.9	214.7	65.44	37 558*	82,800*	37 558*	82,800*	37 558*	82,800*	37 558*	82,800*	37 558*	82,800*	
	50	15.24	77.1	212.7	64.83	28 713	64,900	29 439	29 983	74,300	33 702	29 665*	80,000*	29 665*	80,000*	
	60	18.29	74.3	210.1	64.04	48,400	21 954	50,000	22 680	57,600	26 127	23 179*	64,500*	23 179*	64,500*	
	70	21.34	71.5	207.0	63.09	38,400	17 418	39,900	18 099	40,300	20 956	41,100*	53,600	41,100*	53,600	
	80	24.38	68.6	203.4	62.00	31,300	14 198	32,600	14 787	32,900	17 237	33,800*	44,400	33,800*	44,400	
	90	27.43	65.6	199.2	60.72	26,300	11 930	27,600	12 519	27,700	15 565	28,600*	37,500	28,600*	37,500	

# HC-248H Lift Crane Capacities

Refer to notes on page 10

## Boom - Tube:

80" (2.03 m) wide and 68" (1.73 m) deep with open throat top section.

## Mounting - Link-Belt carrier:

8 x 4 drive, 282" (7.16 m) wheelbase 11' 0" (3.35 m) wide.

## Counterweights:

Upper cwt. "ABC": 63,440 lbs. (28 776 kg)  
Bumper cwt. "A": 13,500 lbs. (6 124 kg)  
Bumper cwt. "AB": 25,000 lbs. (11 340 kg)

Length	Boom				On outriggers w/cwt. "ABC" & no bumper cwt.				On tires w/cwt. "ABC" & no bumper cwt.				On outriggers w/cwt. "ABC" & "A" bumper cwt.				On outriggers w/cwt. "ABC" & "AB" bumper cwt.			
	Radius		Angle	Boom Pt. Height	360°		Rear	Straight Over Rear	360°		Rear	360°		Rear	360°		Rear			
	feet	meters	degree	feet	meters	pounds	kg		pounds	kg	pounds	kg	pounds	kg	pounds	kg	pounds	kg		
210' (64.01 m)	100	30.48	62.6	194.3	59.22	22,200	10,070	23,400	10,614	27,600	12,519	24,300*	11,022*	32,200	14,606					
	110	33.53	59.5	188.8	57.55	18,900	8,573	20,000	9,072	23,800	10,796	20,800*	9,435*	28,200	12,792					
	120	36.58	56.2	182.5	55.63	16,200	7,948	17,300	7,847	20,700	9,390	17,900*	8,119*	24,700	11,204					
	130	39.62	52.9	175.4	53.46	14,000	6,950	15,000	6,804	18,100	8,210	15,500*	7,031*	21,800	9,888					
	140	42.67	49.4	167.3	50.99	12,100	5,489	13,000	5,897	16,100	6,759	13,400*	6,078*	19,400	8,800					
	150	45.72	45.7	158.2	48.22	10,500	4,763	11,400	5,171	14,100	6,396	11,600*	5,262*	17,200	7,802					
	160	48.77	41.7	147.7	45.02	9,100	4,128	9,900	4,491	12,400	5,625	10,100*	4,581*	15,400	6,985					
	170	51.82	37.4	135.6	41.33	7,900	3,583	8,700	3,946	11,000	4,980	8,700*	3,946*	13,600*	6,260*					
	180	54.86	32.7	121.4	37.00	6,900	3,130	7,600	3,447	9,800	4,445	7,500*	3,402*	12,200*	5,534*					
	190	57.91	27.2	104.6	31.88	5,900	2,676	6,600	2,994	8,700	3,946	6,500*	2,948*	10,800*	4,899*					
	200	60.96	20.5	81.4	24.81	5,100	2,313	5,700	2,586	7,700	3,493	5,500*	2,495*	9,400*	4,264*					
210	64.01	10.1	44.9	13.69	4,300	1,950	4,900	2,223	6,800	3,084	4,700*	2,132*	8,100*	3,674*						
220' (67.06 m)	34	10.36	82.0	225.8	68.82	75,200*	34,111*	75,200*	34,111*	75,200*	34,111*	75,200*	34,111*	75,200*	34,111*					
	35	10.87	81.7	225.6	68.76	75,200*	34,111*	75,200*	34,111*	75,200*	34,111*	75,200*	34,111*	75,200*	34,111*					
	40	12.19	80.4	224.8	68.52	74,300*	33,702*	74,300*	33,702*	74,300*	33,702*	74,300*	33,702*	74,300*	33,702*					
	50	15.24	77.7	222.9	67.94	63,000*	28,577	64,600	29,303	65,900	29,892	65,900*	29,484*	72,900*	33,067*					
	60	18.29	75.1	220.5	67.21	48,100	21,818	49,700	22,544	50,400	22,661	50,400	22,988*	64,000*	29,030*					
	70	21.34	72.3	217.6	66.32	38,100	17,282	39,600	17,963	40,000	18,144	40,000	18,462*	53,300*	24,177*					
	80	24.38	69.6	214.1	65.26	30,900	14,016	32,300	14,651	32,600	14,787	32,600	15,150*	44,100	20,004					
	90	27.43	66.8	210.1	64.04	26,000	11,794	27,300	12,383	27,400	12,429	27,400	12,837*	37,200	16,874					
	100	30.48	63.9	205.5	62.64	21,900	9,934	23,100	10,478	23,100	10,478	23,100	10,841*	31,800	14,424					
	110	33.53	61.0	200.3	61.05	18,600	8,437	19,700	8,936	19,700	8,936	19,700	9,253*	27,900	12,655					
	120	36.58	58.0	194.4	59.25	15,900	7,212	16,900	7,666	16,900	7,666	16,900	7,958*	24,400	11,068					
130	39.62	54.8	187.8	57.24	13,700	6,214	14,600	6,623	14,600	6,623	14,600	6,849*	21,500	9,752						
140	42.67	51.6	180.3	54.96	11,800	5,352	12,700	5,761	12,700	5,761	12,700	5,896*	19,000	8,618						
150	45.72	48.2	171.9	52.40	10,200	4,627	11,000	4,990	11,000	4,990	11,000	5,080*	16,900	7,666						
160	48.77	44.6	162.3	49.47	8,800	3,992	9,600	4,355	9,600	4,355	9,600	4,400*	15,100	6,849						
170	51.82	40.7	151.5	46.18	7,600	3,447	8,300	3,765	8,300	3,765	8,300	3,765*	13,500*	6,124*						
180	54.86	36.6	139.0	42.37	6,500	2,948	7,200	3,266	7,200	3,266	7,200	3,221*	11,900*	5,398*						
190	57.91	31.9	124.3	37.89	5,600	2,540	6,300	2,858	6,200	3,812	6,200	3,765	10,500*	4,763*						
200	60.96	26.6	106.4	32.43	4,700	2,132	5,400	2,449	5,300	3,357	5,300	3,357	9,200*	4,173*						
210	64.01	20.0	83.2	25.36	4,000	1,814	4,600	2,087	4,500	2,041	4,500	2,041	8,000*	3,629*						
220	67.06	9.9	45.8	13.96	3,300	1,497	3,900	1,769	3,800	1,724	3,800	1,724	6,700*	3,039*						
230' (70.10 m)	36	10.97	81.8	235.6	71.81	68,100*	30,890*	68,100*	30,890*	68,100*	30,890*	68,100*	30,890*	68,100*	30,890*					
	40	12.19	80.8	235.0	71.63	67,300*	30,527*	67,300*	30,527*	67,300*	30,527*	67,300*	30,527*	67,300*	30,527*					
	50	15.24	78.3	233.1	71.05	62,700	28,441	64,300	29,166	65,600*	29,756*	65,600*	29,303*	65,600*	29,756*					
	60	18.29	75.7	230.8	70.35	47,800	21,682	49,400	22,408	50,100	22,725	50,100	22,816*	62,300*	28,259*					
	70	21.34	73.1	228.0	69.49	37,800	17,146	39,200	17,781	39,600	17,963	39,600	18,280*	52,800*	23,950*					
	80	24.38	70.5	224.8	68.52	30,600	13,980	32,000	14,515	32,200	14,606	32,200	14,969*	43,800	19,868					
	90	27.43	67.8	220.9	67.33	25,700	11,658	27,000	12,247	27,100	12,293	27,100	12,655*	36,900	16,738					
	100	30.48	65.1	216.6	66.02	21,600	9,798	22,700	10,297	22,800	10,342	22,800	10,660*	31,500	14,288					
	110	33.53	62.4	211.7	64.53	18,300	8,301	19,400	8,800	19,400	8,800	19,400	9,072*	27,600	12,519					
	120	36.58	59.5	206.1	62.82	15,600	7,076	16,600	7,530	16,600	7,530	16,600	7,757*	24,100	10,932					
	130	39.62	56.6	199.9	60.93	13,400	6,078	14,300	6,486	14,300	6,486	14,300	6,668*	21,200	9,616					
140	42.67	53.5	192.9	58.80	11,500	5,216	12,400	5,625	12,300	5,579	12,300	5,715*	18,700	8,482						

N/A

# HC-248H Lift Crane Capacities

Boom - tube:

80" (2.03 m) wide and 68" (1.73 m) deep with open throat top section.

Mounting - Link-Belt carrier:

8 x 4 drive, 282" (7.16 m) wheelbase 11' 0" (3.35 m) wide.

Counterweights:

Upper ctwt. "ABC": 63,440 lbs. (28 776 kg)

Bumper ctwt. "A": 13,500 lbs. (6 124 kg)

Bumper ctwt. "AB": 25,000 lbs. (11 340 kg)

Refer to notes on page 10

Length	Boom			Boom Pt. Height <sup>①</sup>	
	Radius	Angle	Boom Pt. Height		
	feet	meters	degree	feet	meters
230' (70.10 m)	150	45.72	50.4	185.0	56.39
	160	48.77	47.0	176.3	53.74
	170	51.82	43.5	166.4	50.72
	180	54.86	39.8	155.1	47.27
	190	57.91	35.7	142.2	43.34
	200	60.96	31.2	127.1	38.74
	210	64.01	26.0	108.8	33.16
	220	67.06	19.6	84.9	25.88
	230	70.10	9.7	46.6	14.20
	37	11.28	81.9	245.5	74.83
40	12.19	81.2	245.1	74.71	
50	15.24	78.8	243.3	74.16	
60	18.29	76.3	241.1	73.49	
70	21.34	73.9	238.5	72.69	
80	24.38	71.4	235.3	71.72	
90	27.43	68.8	231.7	70.62	
100	30.48	66.2	227.6	69.37	
110	33.53	63.6	222.9	67.94	
120	36.58	60.9	217.6	66.32	
130	39.62	58.1	211.7	64.53	
140	42.67	55.3	205.2	62.54	
150	45.72	52.3	197.9	60.32	
160	48.77	49.2	189.7	57.82	
170	51.82	46.0	180.6	55.05	
180	54.86	42.6	170.3	51.91	
190	57.91	38.9	158.7	48.37	
200	60.96	34.9	145.4	44.32	
210	64.01	30.5	129.9	39.59	
220	67.06	25.4	111.0	33.83	
230	70.10	19.1	86.7	26.43	
240	73.15	9.5	47.5	14.48	
250' (76.20 m)	40	12.19	81.6	255.2	77.78
	50	15.24	79.2	253.5	77.27
	60	18.29	76.9	251.4	76.63
	70	21.34	74.5	248.9	75.86
	80	24.38	72.1	245.9	74.95
	90	27.43	69.7	242.4	73.88
	100	30.58	67.2	238.5	72.69
	110	33.53	64.7	234.0	71.32
	120	36.58	62.2	229.0	69.80
	130	39.62	59.5	223.4	68.09
140	42.67	56.8	217.2	66.20	
150	45.72	54.1	210.3	64.10	
160	48.77	51.2	202.7	61.78	
170	51.82	48.2	194.2	59.19	

Length	On outriggers w/ctwt. "ABC" & no bumper ctwt.				On tires w/ctwt. "ABC" & no bumper ctwt.				On outriggers w/ctwt. "ABC" & "A" bumper ctwt.				On outriggers w/ctwt. "ABC" & "AB" bumper ctwt.					
	360°		Rear		Straight Over Rear		360°		Rear		360°		Rear		360°		Rear	
	pounds	kg	pounds	kg	pounds	kg	pounds	kg	pounds	kg	pounds	kg	pounds	kg	pounds	kg	pounds	kg
230' (70.10 m)	9,900	4 491	10,700	4 854			10,700	4 854	13,400	6 078	10,800*	4 899*	16,600	7 530				
	8,500	3 856	9,300	4 218			9,200	4 173	11,800	5 352	9,300*	4 218*	14,700	6 668				
	7,300	3 311	8,000	3 629			8,000	3 629	10,400	4 717	7,900*	3 583*	13,100*	5 942*				
	6,200	2 812	6,900	3 130			6,900	3 099	9,100	4 128	6,700*	3 039*	11,500*	5 216*				
	5,200	2 359	5,900	2 676			5,900	2 676	8,000	3 629	5,700*	2 586*	10,100*	4 581*				
	4,400	1 996	5,000	2 268			5,000	2 268	7,000	3 175	4,700*	2 132*	8,900*	4 037*				
	3,600	1 633	4,300	1 950			4,200	1 905	6,100	2 767	3,900*	1 769*	7,400*	3 357*				
	3,000	1 361	3,500	1 588			3,500	1 588	5,300	2 404	3,100*	1 406*	6,600*	2 994*				
	2,300	1 043	2,900	1 315			2,800	1 270	4,600	2 087	2,400*	1 089*	5,500*	2 495*				
	60,000*	27 216*	60,000*	27 216*			60,000*	27 216*	60,000*	27 216*	60,000*	27 216*	60,000*	27 216*				
59,500*	26 989*	59,500*	26 989*			59,500*	26 989*	59,500*	26 989*	59,500*	26 989*	59,500*	26 989*					
57,800*	26 218	57,800*	26 218			57,800*	26 218*	57,800*	26 218*	57,800*	26 218*	57,800*	26 218*					
47,500	21 546	49,100	22 272			49,800	22 589	54,900*	24 903*	49,900*	22 635*	54,900*	24 903*					
37,400	16 965	38,900	17 645			39,300	17 826	45,200	20 503	39,900*	18 099*	45,200	20 503*					
30,300	13 744	31,700	14 379			31,900	14 470	37,000	16 783	32,600*	14 787*	37,000	16 783					
25,400	11 521	26,700	12 111			26,900	12 156	30,900	14 016	27,474*	12 474*	36,500	16 556					
21,300	9 662	22,400	10 161			22,500	10 206	26,600	12 066	23,100*	10 478*	31,200	14 152					
18,000	8 165	19,000	8 618			19,100	8 664	22,800	10 342	19,600*	8 891*	27,300	12 383					
15,300	6 940	16,300	7 394			16,300	7 394	19,700	8 936	16,700*	7 575*	23,800	10 796					
13,000	5 897	14,000	6 350			14,000	6 350	17,100	7 757	14,300*	6 486*	20,800	9 435					
11,200	5 089	12,000	5 443			12,000	5 443	14,900	6 759	12,200*	5 534*	18,400	8 346					
9,500	4 309	10,400	4 717			10,300	4 672	13,100	5 942	10,400*	4 717*	16,200	7 348					
8,100	3 674	8,900	4 037			8,900	4 037	11,400	5 171	8,900*	4 037*	14,400*	6 532*					
6,900	3 130	7,700	3 493			7,600	3 447	10,000	4 536	7,500*	3 402*	12,700*	5 761*					
5,900	2 676	6,600	2 994			6,500	2 948	8,800	3 992	6,300*	2 858*	11,100*	5 035*					
4,900	2 223	5,600	2 540			5,500	2 495	7,700	3 493	5,300*	2 404*	9,800*	4 445*					
4,100	1 860	4,700	2 132			4,600	2 087	6,700	3 039	4,300*	1 950*	8,500*	3 856*					
3,300	1 497	3,900	1 769			3,900	1 769	5,800	2 631	3,500*	1 588*	7,400*	3 357*					
2,600	1 179	3,200	1 452			3,100	1 406	5,000	2 268	2,700*	1 225*	6,300*	2 858*					
2,000	907	2,600	1 179			2,500	1 134	4,300	1 950	2,000*	907*	5,300*	2 404*					
—	—	2,000	907			—	—	3,600	1 633	—	—	4,300*	1 950*					
250' (76.20 m)	53,900*	24 449*	53,900*	24 449*			53,900*	24 449*	53,900*	24 449*	53,900*	24 449*	53,900*	24 449*				
	52,500*	23 814*	52,500*	23 814*			52,500*	23 814*	52,500*	23 814*	52,500*	23 814*	52,500*	23 814*				
	49,600*	22 499*	49,600*	22 499*			49,600*	22 499*	49,600*	22 499*	49,600*	22 499*	49,600*	22 499*				
	39,100	17 736	44,900	20 367			39,100	17 736	44,900	20 367	39,400*	17 872*	45,200*	20 503*				
	31,600	14 334	36,900	16 738			31,600	14 334	36,900	16 738	32,100*	14 561*	41,300*	18 734*				
	26,500	12 020	30,600	13 880			26,500	12 020	30,600	13 880	27,000*	12 247*	36,200	16 420				
	22,200	10 070	26,200	11 884			22,200	10 070	26,200	11 884	22,600*	10 251*	30,800	13 971				
	18,700	8 482	22,400	10 161			18,700	8 482	22,400	10 161	19,100*	8 664*	26,900	12 202				
	15,900	7 212	19,300	8 754			15,900	7 212	19,300	8 754	16,200*	7 348*	23,400	10 614				
	13,600	6 169	16,700	7 575			13,600	6 169	16,700	7 575	13,700*	6 214*	20,400	9 253				
11,600	5 262	14,500	6 577			11,600	5 262	14,500	6 577	11,700*	5 307*	18,000	8 165					
9,900	4 491	12,600	5 715			9,900	4 491	12,600	5 715	9,900*	4 491*	15,800	7 167					
8,500	3 856	11,000	4 990			8,500	3 856	11,000	4 990	8,300*	3 765*	14,000*	6 350*					
7,200	3 266	9,600	4 355			7,200	3 266	9,600	4 355	7,000*	3 175*	12,000*	5 443*					



# HC-248H Lift Crane Capacities

Refer to notes on page 10

**Boom - tube:**

80" (2.03 m) wide and 68" (1.73 m) deep with open throat top section.

**Mounting - Link-Belt carrier:**

8 x 4 drive, 282" (7.16 m) wheelbase 11' 0" (3.35 m) wide.

**Counterweights:**

Upper cwt. "ABC": 63,440 lbs. (28,776 kg)

Bumper cwt. "A": 13,500 lbs. (6,124 kg)

Bumper cwt. "AB": 25,000 lbs. (11,340 kg)

Length	Boom				On outriggers w/cwt. "ABC" & no bumper cwt.		On tires w/cwt. "ABC" & no bumper cwt.		On outriggers w/cwt. "ABC" & "A" bumper cwt.		On outriggers w/cwt. "ABC" & "AB" bumper cwt.			
	Radius		Angle	Boom Pt. Height	360°		Straight Over Rear		360°		360°			
	feet	meters	degree	feet	meters	pounds	kg	pounds	kg	pounds	kg	pounds	kg	
250' (76.20 m)	180	54.86	45.0	184.8	56.33	←	←	6,100	2,767	8,300	3,765	5,800*	2,631*	
	190	57.91	41.7	174.2	53.10	←	←	5,100	2,313	7,200	3,266	4,700*	2,132*	
	200	60.96	38.1	162.2	49.44	←	←	4,200	1,905	6,200	2,812	3,800*	1,724*	
	210	64.01	34.2	148.5	45.26	←	←	3,400	1,542	5,300	2,404	2,900*	1,315*	
	220	67.06	29.9	132.6	40.42	←	←	2,700	1,225	4,500	2,041	2,100*	953*	
	230	70.10	24.9	113.3	34.53	←	←	2,000	907	3,800	1,724	—	—	
	240	73.15	18.8	88.3	26.91	←	←	—	—	3,100	1,406	—	—	
	250	76.20	9.3	48.3	14.72	←	←	—	—	2,500	1,134	—	—	
	260' (79.25 m)	40	12.19	81.9	265.3	80.86	←	←	48,200*	22,317*	49,200*	22,317*	49,200*	22,317*
		50	15.24	79.6	263.7	80.38	←	←	45,000*	21,773*	48,000*	21,773*	48,000*	21,773*
		60	18.29	77.4	261.7	79.77	←	←	45,000*	20,412*	45,000*	20,412*	45,000*	20,412*
		70	21.34	75.1	259.2	79.00	←	←	38,700	17,554	41,100*	18,643*	39,000*	17,690*
80		24.38	72.8	256.3	78.12	←	←	26,200	11,884	30,200	13,699	26,800*	12,066*	
90		27.43	70.5	253.0	77.11	←	←	21,800	9,888	25,900	11,748	22,200*	10,070*	
100		30.48	68.2	249.3	75.99	←	←	18,400	8,346	22,100	10,025	18,700*	8,482*	
110		33.53	65.8	245.0	74.68	←	←	15,600	7,076	19,000	8,618	15,800*	7,167*	
120		36.58	63.3	240.3	73.24	←	←	13,300	6,033	16,400	7,439	13,300*	6,033*	
130		39.62	60.8	235.0	71.63	←	←	11,300	5,126	14,200	6,441	11,300*	5,126*	
140		42.67	58.3	229.1	69.83	←	←	9,600	4,355	12,300	5,579	9,500*	4,309*	
150		45.72	55.6	222.6	67.85	←	←	8,100	3,674	10,700	4,854	7,900*	3,583*	
160	48.77	52.9	215.4	65.65	←	←	6,900	3,130	9,200	4,173	6,600*	2,994*		
170	51.82	50.1	207.4	63.22	←	←	5,700	2,586	8,000	3,629	5,400*	2,449*		
180	54.86	47.2	198.6	60.53	←	←	4,700	2,132	6,900	3,130	4,300*	1,950*		
190	57.91	44.1	188.9	57.58	←	←	3,900	1,769	5,900	2,676	3,400*	1,542*		
200	60.96	40.8	177.9	54.22	←	←	3,100	1,406	5,000	2,268	2,500*	1,134*		
210	64.01	37.3	165.6	50.47	←	←	2,300	1,043	4,200	1,905	—	—		
220	67.06	33.5	151.6	46.21	←	←	—	—	3,500	1,588	—	—		
230	70.10	29.3	135.2	41.21	←	←	—	—	2,800	1,270	—	—		
240	73.15	24.4	115.5	35.20	←	←	—	—	—	—	—	—		
250	76.20	18.4	90.0	27.43	←	←	—	—	—	—	—	—		
260	79.25	9.1	49.1	14.97	←	←	—	—	—	—	—	—		
270' (82.30 m)	41	12.50	82.0	275.3	83.91	←	←	←	←	←	←	←	←	
	50	15.24	80.0	273.9	83.48	←	←	←	←	←	←	←	←	
	60	18.29	77.9	271.9	82.88	←	←	←	←	←	←	←	←	
	70	21.34	75.7	269.6	82.17	←	←	←	←	←	←	←	←	
	80	24.38	73.5	266.8	81.32	←	←	←	←	←	←	←	←	
	90	27.43	71.3	263.6	80.35	←	←	←	←	←	←	←	←	
	100	30.48	69.0	260.0	79.25	←	←	←	←	←	←	←	←	
	110	33.53	66.7	255.9	78.00	←	←	←	←	←	←	←	←	
	120	36.58	64.4	251.4	76.63	←	←	←	←	←	←	←	←	
	130	39.62	62.0	246.3	75.07	←	←	←	←	←	←	←	←	
	140	42.67	59.6	240.7	73.37	←	←	←	←	←	←	←	←	
	150	45.72	57.1	234.6	71.51	←	←	←	←	←	←	←	←	
160	48.77	54.5	227.8	69.43	←	←	←	←	←	←	←	←		
170	51.82	51.9	220.3	67.15	←	←	←	←	←	←	←	←		

# HC-248H Lift Crane Capacities

Refer to notes on page 10

## Boom - tube:

80" (2.03 m) wide and 68" (1.73 m) deep with open throat top section.

## Mounting - Link-Belt carrier:

8 x 4 drive, 282" (7.16 m) wheelbase 11' 0" (3.35 m) wide.

## Counterweights:

Upper ctwt. "ABC": 63,440 lbs. (28 776 kg)  
 Bumper ctwt. "A": 13,500 lbs. (6 124 kg)  
 Bumper ctwt. "AB": 25,000 lbs. (11 340 kg)

Length	Boom			On outriggers w/ctwt. "ABC" & no bumper ctwt.		On tires w/ctwt. "ABC" & no bumper ctwt.		On outriggers w/ctwt. "ABC" & "A" bumper ctwt.		On outriggers w/ctwt. "ABC" & "AB" bumper ctwt.				
	Radius feet	Radius meters	Angle degree	Boom Pt. Height feet	Boom Pt. Height meters	360°		Straight Over Rear		360°		Rear		
						pounds	kg	pounds	kg	pounds	kg	pounds	kg	
270' (82.30 m)	180	54.86	49.1	212.1	64.65									
	190	57.91	46.2	203.0	61.87									
	200	60.96	43.2	192.9	58.80									
	210	64.01	40.0	181.6	55.35									
	220	67.06	36.6	169.0	51.51									
	230	70.10	32.9	154.5	47.09									
	240	73.15	28.7	137.8	42.00									
	250	76.20	24.0	117.6	35.84									
	260	79.25	18.0	91.6	27.92									
	270	82.30	8.9	49.9	15.21									
	280' (85.34 m)	43	13.11	81.8	285.1	86.90								
		50	15.24	80.4	284.0	86.56								
		60	18.29	78.3	282.1	85.98								
70		21.34	76.2	279.9	85.31									
80		24.38	74.1	277.2	84.49									
90		27.43	72.0	274.2	83.58									
100		30.48	69.8	270.7	82.51									
110		33.53	67.6	266.8	81.32									
120		36.58	65.4	262.4	79.98									
130		39.62	63.1	257.6	78.52									
140		42.67	60.8	252.3	76.90									
150		45.72	58.4	246.4	75.10									
160		48.77	56.0	240.0	73.15									
170	51.82	53.5	232.9	70.99										
180	54.86	50.9	225.1	68.61										
190	57.91	48.2	216.6	66.02										
200	60.96	45.4	207.2	63.15										
210	64.01	42.4	196.8	59.98										
220	67.06	39.3	185.2	56.45										
230	70.10	35.9	172.2	52.49										
240	73.15	32.3	157.5	48.01										
250	76.20	28.2	140.3	42.76										
260	79.25	23.5	119.7	36.48										
270	82.30	17.7	93.1	28.38										
280	85.34	8.8	50.7	15.45										

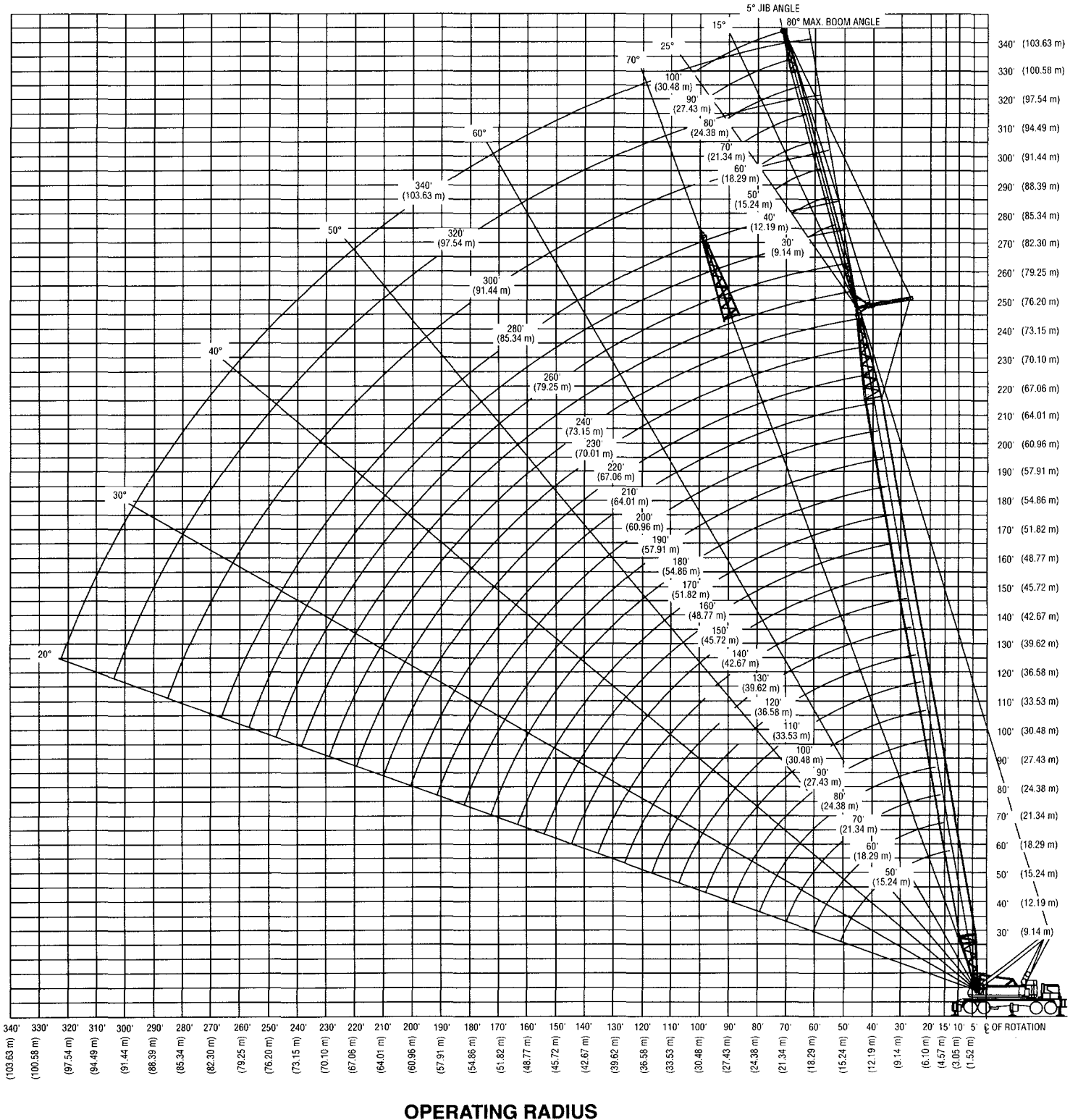
① Measured vertically from center of boom head sheave to ground.

## Lifting Crane Notes:

- Capacities shown are in pounds (kilograms) and are not more than 85% of the tipping loads on outriggers or 75% of the tipping loads on tires with machine standing level on firm supporting surface.  
 \* Indicates these capacities are based on factors other than those which would cause a tipping condition.
- For recommended reeving, parts of line, wire rope type and wire rope inspection, see plate no. C4P0013.
- Do not lift or suspend a load from the boom tip extension or jib and main boom at the same time.

- The least stable rated condition is over the side.
- For machines equipped with load weighing devices, deduct 200 lbs. (91 kg) for the weight of the equipment.
- Boom midpoint suspension required for boom lengths exceeding 240' (73.15 m).
- These capacities apply only to the machine as originally manufactured and normally equipped by Link-Belt Construction Equipment Company.

# HC-248H Lift Crane Working Range



**Link-Belt Construction Equipment Company**

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