

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
Ctwt. 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
Ctwt. ABC + A	Minimum	100	30.48	---	---	100	30.48	---	---
	Maximum	260	79.25	---	---	250	76.20	---	---
Ctwt. 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

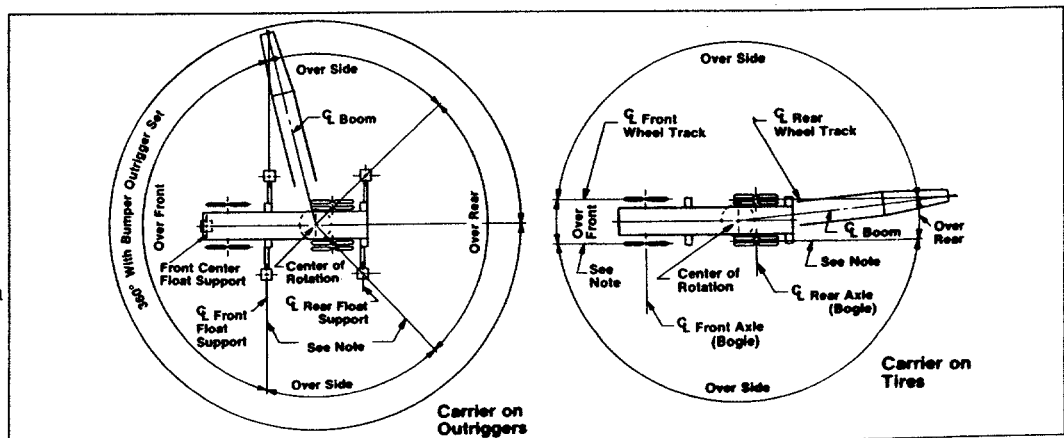
Machine travel ^① with open throat boom + jib, with no load. ^②

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 ^③							
		Jobsite moves at 1 mph (1.61 km/h) with boom or boom + jib in the air, and with upper facing rear or front. ^④				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
Ctwt. 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	---	---
Ctwt. ABC + A	Minimum	100	30.48	---	---	110	33.53	---	---
	Maximum	260	79.25	---	---	140	42.67	---	---
Ctwt. 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

- These lines determine the limiting position of any load for operation within working areas indicated.
- 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 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 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°	
	feet	meters	degree	feet	meters	pounds	kg	pounds	kg	pounds	kg	pounds	kg	pounds	kg	
35' (10.67 m)	10	3.05	82.0	39.5	12.03	400,000*	181 440*	400,000*	181 440*	--	--	--	--	--	--	
	15	4.57	73.5	38.0	11.58	288,300*	130 773*	288,300*	130 773*	--	--	--	--	--	--	
	20	6.10	63.8	36.0	10.97	218,700*	99 202*	218,700*	99 202*	--	--	--	--	--	--	
	30	9.14	40.1	27.0	8.22	135,900*	61 644*	135,900*	61 644*	--	--	--	--	--	--	
50' (15.24 m)	12	3.66	80.0	57.2	17.43	350,000*	158 760*	350,000*	158 760*	97,000*	43 999*	97,000*	43 999*			
	15	4.57	76.4	56.5	17.22	291,300*	132 134*	291,300*	132 134*	88,000*	39 917*	88,000*	39 917*			
	20	6.10	70.5	55.0	16.76	221,400*	100 427*	221,400*	100 427*	76,200*	34 564*	76,200*	34 564*			
	25	7.62	64.3	53.0	16.15	178,100*	80 786*	178,100*	80 786*	67,000*	30 391*	67,000*	30 391*			
	30	9.14	57.7	50.2	15.30	142,000	64 411	142,000	64 411	57,800	26 218	57,800	26 218			
60' (18.29 m)	40	12.19	42.7	41.9	12.77	90,500	41 051	92,100	41 777	40,400	18 325	40,400	18 325			
	50	15.24	20.9	25.7	7.83	65,500	29 711	67,400	30 573	30,500	13 835	30,500	13 835			
	13	3.96	80.7	67.1	20.45	303,000*	137 441*	303,000*	137 441*	93,300*	42 321*	93,300*	42 321*			
	15	4.57	76.7	66.8	20.36	289,800*	131 453*	289,800*	131 453*	87,700*	39 781*	87,700*	39 781*			
	20	6.10	73.8	65.5	19.96	221,400*	100 427*	221,400*	100 427*	75,800*	34 383*	75,800*	34 383*			
	25	7.62	66.8	63.9	19.48	178,200*	80 832*	178,200*	80 832*	66,600*	30 210*	66,600*	30 210*			
70' (21.34 m)	30	9.14	63.6	61.6	18.78	142,400	64 593	142,400	64 593	57,900	26 263	57,900	26 263			
	40	12.19	52.3	55.4	16.89	90,800	41 187	92,400	41 913	40,500	18 371	40,500	18 371			
	50	15.24	36.9	45.6	13.90	65,800	29 847	67,600	30 663	30,600	13 880	30,600	13 880			
	60	18.29	19.0	27.5	8.38	51,000	23 134	52,800	23 950	24,200	10 977	24,200	10 977			
	14	4.27	81.2	77.1	23.50	282,400*	128 097*	282,400*	128 097*	90,200*	40 915*	90,200*	40 915*			
	15	4.57	80.4	76.9	23.44	278,000*	126 101*	278,000*	126 101*	87,500*	39 690*	87,500*	39 690*			
	20	6.10	76.2	75.9	23.13	222,000*	100 699*	222,000*	100 699*	75,700*	34 338*	75,700*	34 338*			
80' (24.38 m)	25	7.62	71.9	74.5	22.71	178,600*	81 013*	178,600*	81 013*	66,500*	30 164*	66,500*	30 164*			
	30	9.14	67.6	72.6	22.13	143,300	65 001	143,300	65 001	58,400	26 490	58,400	26 490			
	40	12.19	58.4	67.5	20.57	91,500	41 504	93,000	42 185	40,900	18 552	40,900	18 552			
	50	15.24	48.1	60.1	18.32	66,300	30 074	68,100	30 890	30,900	14 016	30,900	14 016			
	60	18.29	35.9	48.9	14.90	51,500	23 360	53,200	24 132	24,500	11 113	24,500	11 113			
	70	21.34	17.6	29.1	8.87	41,500	18 824	43,200	19 596	19,900	9 027	19,900	9 027			
	15	4.57	81.6	87.1	26.55	258,100*	117 074*	258,100*	117 074*	86,900*	39 418*	86,900*	39 418*			
	20	6.10	77.9	86.2	26.27	221,800*	100 608*	221,800*	100 608*	75,100*	34 065*	75,100*	34 065*			
90' (27.43 m)	25	7.62	74.2	84.9	25.88	178,400*	80 922*	178,400*	80 922*	66,000*	29 938*	66,000*	29 938*			
	30	9.14	70.5	83.3	25.39	143,400	65 046	143,400	65 046	56,300	26 445	56,300	26 445			
	40	12.19	62.7	79.0	24.09	91,500	41 504	93,000	42 185	40,700	18 462	40,700	18 462			
	50	15.24	54.3	72.9	22.22	66,300	30 074	68,100	30 890	30,800	13 971	30,800	13 971			
	60	18.29	44.8	64.3	19.60	51,500	23 360	53,200	24 132	24,400	11 068	24,400	11 068			
	70	21.34	33.5	52.1	15.88	41,600	19 360	43,200	19 596	19,900	9 027	19,900	9 027			
	80	24.38	16.5	30.6	9.33	34,500	15 649	36,000	16 330	16,500	7 484	16,500	7 484			
	16	4.88	81.9	97.0	29.57	238,700*	108 274*	238,700*	108 274*	83,700*	37 966*	83,700*	37 966*			
	20	6.10	79.3	96.4	29.38	221,600*	100 518*	221,600*	100 518*	74,500*	33 793*	74,500*	33 793*			

② Requires hammerhead tip.

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

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 feet	Angle degree	Boom Pt. Height ^① feet	Rear		Straight Over Rear		360°		360°		
				kg	pounds	kg	pounds	kg	pounds	kg	pounds	kg
160' (48.77 m)	70	65.4	153.3	18 099	41,400	18 779	41,700	18 915	47,700	21 637		
	80	61.3	148.3	14 878	34,200	15 513	34,400	15 604	39,600	17 963		
	90	57.2	142.4	12 610	29,100	13 200	29,900	13 109	33,500	15 196		
	100	52.8	135.4	11 295	24,900	11 295	24,900	11 295	29,100	13 200		
	110	48.2	127.1	20,400	21,600	9 798	21,600	9 850	25,300	11 476		
	120	43.2	117.4	17,800	18,800	8 528	18,800	8 528	22,200	10 070		
	130	37.6	105.6	15,600	16,500	7 484	16,500	7 484	19,700	8 936		
	140	31.3	91.0	13,700	14,600	6 214	14,600	6 214	17,500	7 938		
	150	23.5	71.7	12,100	12,900	5 851	12,900	5 851	15,600	7 076		
	160	11.0	40.2	10,700	11,500	5 216	11,500	5 171	14,000	6 350		
	170' (51.82 m)	27	82.0	176.3	57 335*	126,400*	57 335*	126,400*	57 335*	126,400*	57 335*	
		30	81.0	175.8	55 884*	123,200*	55 884*	123,200*	55 884*	123,200*	55 884*	
		35	79.2	174.9	53 311	110,800	50 259	111,600	50 622	114,000*	52 935*	
		40	77.5	173.9	53.00	89,800	40 793	91,100	41 323	93,700	42 502	
		50	74.0	171.4	52.24	64,400	29 212	66,100	29 983	67,300	30 527	
		60	70.5	168.2	51.27	49,800	22 499	51,200	23 224	51,800	23 496	
70		66.9	164.3	50.08	39,800	17 963	41,100	18 643	41,500	18 824		
80		63.2	159.6	48.65	32,500	14 742	33,900	15 377	34,100	15 468		
90		59.3	154.1	46.97	27,500	12 474	28,800	13 064	28,900	13 109		
100		55.3	147.1	44.84	23,400	10 614	24,600	11 159	24,700	11 204		
110		51.1	140.3	42.76	20,100	9 117	21,300	9 662	21,300	9 662		
120		46.6	131.5	40.08	17,500	7 958	18,500	8 392	18,500	8 392		
130		41.8	121.2	36.94	15,300	6 940	16,200	7 348	16,200	7 348		
140		36.5	109.0	33.22	13,400	6 078	14,300	6 486	14,200	6 441		
150		30.3	93.8	28.59	11,800	5 352	12,600	5 715	12,600	5 715		
160		22.8	73.8	22.49	10,400	4 717	11,200	5 080	11,000	5 035		
170	11.3	41.2	12.56	9,200	4 173	9,900	4 491	9,900	4 491			
180' (54.86 m)	29	81.8	186.1	52 436*	115,600*	52 436*	115,600*	52 436*	115,600*	52 436*		
	30	81.5	185.9	51 937*	114,500*	51 937*	114,500*	51 937*	114,500*	51 937*		
	35	79.9	185.1	56.42	109,800*	49 805*	109,800*	49 805*	109,800*	49 805*		
	40	78.2	184.1	56.11	89,500	40 597	90,900	41 232	87,400	42 366		
	50	75.0	181.8	55.41	64,100	29 076	65,800	29 847	63,000	30 391		
	60	71.6	178.8	54.50	49,300	22 362	50,900	23 088	51,600	23 406		
	70	68.2	175.1	53.37	39,300	17 826	40,800	18 507	41,200	18 688		
	80	64.8	170.8	52.06	32,200	14 606	33,600	15 241	33,800	15 332		
	90	61.2	165.7	50.51	27,200	12 338	28,500	12 928	28,600	12 973		
	100	57.5	159.7	48.68	23,100	10 478	24,300	11 022	24,400	11 068		
	110	53.6	152.9	46.60	19,800	8 981	21,000	9 526	21,000	9 526		
	120	49.6	145.0	44.20	17,200	7 802	18,200	8 256	18,200	8 256		
	130	45.3	135.8	41.39	15,000	6 804	15,900	7 212	15,900	7 212		
	140	40.6	125.0	38.10	13,100	5 942	14,000	6 350	13,900	6 305		
	150	35.4	112.2	34.20	11,500	5 216	12,300	5 579	12,300	5 579		
	160	29.5	96.5	29.41	10,100	4 581	10,900	4 944	10,800	4 899		
170	22.1	75.8	23.10	8,900	4 037	9,600	4 355	9,600	4 355			
180	11.0	42.1	12.83	7,800	3 538	8,500	3 856	8,500	3 856			

HC-248H Lift Crane Capacities

Refer to notes on page 10

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)

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

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

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	Straight Over Rear		360°		360°			
	feet	meters	degree	feet	meters	kg	pounds	kg	pounds	kg	pounds	
190' (57.91 m)	30	9.14	81.9	196.0	59.74	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*	
	40	12.19	78.9	194.3	59.22	40 582*	90,600	41 086	99,200*	40 506*	89,200*	
	50	15.24	75.8	192.1	58.55	33 800	63,800	28 940	66,700	33 975	66,200*	
	60	18.29	72.6	189.3	57.70	22 226	49,000	22 226	50,600	26 400	51,900*	
	70	21.34	69.4	185.8	56.63	17 690	39,000	17 690	40,500	19 006*	41,900*	
	80	24.34	66.2	181.8	55.41	14 470	31,900	14 470	33,300	15 695*	19 006*	
	90	27.43	62.8	177.0	53.95	12 202	26,900	12 202	28,200	13 200*	13 200*	
	100	30.48	59.4	171.5	52.27	10 342	22,800	10 342	24,000	11 340*	11 340*	
	110	33.53	55.8	165.1	50.32	8 845	19,500	8 845	20,600	9 752*	9 752*	
	120	36.58	52.1	157.8	48.10	7 668	16,900	7 668	17,900	8 437*	8 437*	
	130	39.62	48.2	149.5	45.57	6 623	14,600	6 623	15,600	7 348*	7 348*	
	140	42.67	44.0	139.9	42.64	5 806	12,800	5 806	13,700	6 441	6 441	
	150	45.72	39.4	128.6	39.20	5 080	11,200	5 080	12,000	5 625*	5 625*	
	160	48.77	34.4	115.3	35.14	4 445	9,800	4 445	10,600	4 944*	4 944*	
	170	51.82	28.7	99.1	30.21	3 901	8,600	3 901	9,300	4 309*	4 309*	
	180	54.86	21.5	77.7	23.68	3 402	7,500	3 402	8,200	3 765*	3 765*	
	190	57.91	10.7	43.1	13.14	2 948	6,500	2 948	7,200	3 266	3 266	
200' (60.96 m)	32	9.75	81.7	205.9	62.76	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*	
	40	12.19	79.4	204.5	62.33	40 370	89,000	40 370	90,300	40 280*	88,800*	
	50	15.24	76.5	202.4	61.69	28 849	63,600	28 849	65,200	29 575	33 839	
	60	18.29	73.5	199.7	60.87	22 090	48,700	22 090	50,300	23 134	51,500*	
	70	21.34	70.5	196.5	59.89	17 554	38,700	17 554	40,200	18 416	41,500*	
	80	24.34	67.4	192.6	58.70	14 334	31,600	14 334	33,000	15 060	15 060*	
	90	27.43	64.3	188.1	57.33	12 066	26,600	12 066	27,900	13 154*	13 154*	
	100	30.48	61.1	183.0	55.78	10 206	22,500	10 206	23,700	11 204*	11 204*	
	110	33.53	57.8	177.1	53.98	8 709	19,200	8 709	20,300	9 934*	9 934*	
	120	36.58	54.3	170.3	51.91	7 530	16,600	7 530	17,600	8 308*	8 308*	
	130	39.62	50.7	162.7	49.59	6 486	14,300	6 486	15,300	7 167*	7 167*	
	140	42.67	46.9	153.9	46.91	5 670	12,500	5 670	13,400	6 260*	6 260*	
	150	45.72	42.8	143.8	43.83	4 944	10,900	4 944	11,700	5 443*	5 443*	
	160	48.77	38.4	132.2	40.29	4 309	9,500	4 309	10,300	4 763*	4 763*	
	170	51.82	33.5	118.4	36.09	3 720	8,200	3 720	9,000	4 128*	4 128*	
	180	54.86	27.9	101.6	30.97	3 266	7,200	3 266	7,900	3 583*	3 583*	
	190	57.91	21.0	79.6	24.26	2 812	6,200	2 812	6,900	3 130*	3 130*	
200	60.96	10.4	44.0	13.41	2 449	5,400	2 449	6,000	2 722	2 722		
210' (64.01 m)	33	10.06	81.9	215.8	65.78	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*	
	40	12.19	79.9	214.7	65.44	37 558*	82,800*	37 558*	82,800*	37 558*	82,800*	
	50	15.24	77.1	212.7	64.83	28 713	63,300	28 713	64,900	29 439	29 665*	
	60	18.29	74.3	210.1	64.04	21 954	48,400	21 954	50,000	22 680	26 127	
	70	21.34	71.5	207.0	63.09	17 418	38,400	17 418	39,900	18 280	20 956	
	80	24.38	68.6	203.4	62.00	14 198	31,300	14 198	32,800	14 923	15 332*	
	90	27.43	65.6	199.2	60.72	11 930	26,300	11 930	27,700	12 565	12 973*	

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					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		360°		Rear	
	feet	meters	degree	feet	meters	pounds	kg	pounds	kg	pounds	kg	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		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		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	7,348	17,300	7,847		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	6,350	15,000	6,804		14,000	6,350	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		13,000	5,897	15,900	7,212	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		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		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		8,700	3,946	11,000	4,980	8,700*	3,946*	13,800*	6,260*					
	180	54.86	32.7	121.4	37.00	6,900	3,130	7,600	3,447		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		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		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		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*	75,200*	34,111*				
		35	10.67	80.7	225.6	68.76	75,200*	34,111*	75,200*	34,111*		75,200*	34,111*	75,200*	34,111*	75,200*	34,111*	75,200*	34,111*				
		40	12.19	81.4	224.8	68.52	74,300*	33,702*	74,300*	33,702*		74,300*	33,702*	74,300*	33,702*	74,300*	33,702*	74,300*	33,702*				
50		15.24	77.7	222.9	67.94	63,000	28,577	64,800	29,303		65,900	29,892	72,900*	33,067*	65,000*	29,484*	72,900*	33,067*					
60		18.29	75.1	220.5	67.21	48,100	21,818	49,700	22,544		40,000	18,144	57,300	25,981	50,700*	22,998*	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	45,800	20,775	40,700*	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	37,700	17,101	33,400*	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	31,600	14,384	28,300*	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	27,200	12,338	23,900*	10,841*	31,900	14,424					
110		33.53	61.0	200.3	61.05	18,600	8,437	19,700	8,936		19,700	8,936	23,500	10,660	20,400*	9,253*	27,900	12,655					
120		36.58	58.0	194.4	59.25	15,900	7,212	16,300	7,666		16,900	7,666	20,400	9,253	17,500*	7,938*	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	17,800	8,074	15,100*	6,846*	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	15,000	6,214	13,000*	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	13,700	5,761	11,200*	5,080*	16,900	7,616					
160		48.77	44.6	162.3	49.47	8,800	3,992	9,600	4,355		9,600	4,355	12,100	4,889	9,700*	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	10,700	4,854	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	9,400	4,264	7,100*	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	2,858	8,300	3,765	6,100*	2,767*	10,500*	4,763*						
200	60.96	26.6	106.4	32.43	4,700	2,132	5,400	2,449		5,300	2,404	7,400	3,357	5,100*	2,313*	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	6,500	2,948	4,300*	1,950*	8,000*	3,629*						
220	67.06	9.9	45.8	13.96	3,300	1,497	3,900	1,789		3,800	1,724	5,700	2,586	3,500*	1,568*	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*	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*	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*	29,756*	65,600*	29,756*	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	57,000	25,855	50,300*	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	45,500	20,639	40,300*	18,280*	52,800*	23,950*					
	80	24.38	70.5	224.8	68.52	30,600	13,888	32,000	14,515		32,100	14,515	37,400	16,965	33,000*	14,969*	43,800	19,868					
	90	27.43	67.8	220.9	67.33	25,700	11,658	27,000	12,247		27,200	12,293	31,300	14,198	27,900*	12,655*	36,900	16,738					
	100	30.48	65.1	216.6	66.02	21,600	8,798	22,700	10,297		22,800	10,342	26,900	12,202	23,500*	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	23,100	10,478	20,000*	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	20,000	9,072	17,100*	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	17,400	7,893	14,200*	6,663*	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	15,300	6,940	12,600*	5,715*	18,700	9,482					

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	Angle degree	Boom Pt. Height feet	360°		Straight Over Rear		360°		360°		
				pounds	kg	pounds	kg	pounds	kg	pounds	kg	
250' (76.20 m)	180	45.0	184.8	6,100	2,767	8,300	3,765	5,800*	2,631*	10,300*	4,672*	
	190	41.7	174.2	5,100	2,313	7,200	3,266	4,700*	2,132*	9,200*	4,173*	
	200	38.1	162.2	4,200	1,905	6,200	2,812	3,800*	1,724*	8,500*	3,856*	
	210	34.2	148.5	3,400	1,542	5,300	2,404	2,900*	1,315*	6,800*	3,084*	
	220	29.9	132.6	2,700	1,225	4,500	2,041	2,100*	953*	6,500*	2,948*	
	230	24.9	113.3	2,000	907	3,800	1,724	—	—	4,300*	2,449*	
	240	18.8	88.3	—	—	3,100	1,406	—	—	4,300*	1,950*	
	250	9.3	48.3	—	—	2,500	1,134	—	—	3,100*	1,406*	
	260' (79.25 m)	40	81.9	265.3	49,200*	22,317*	49,200*	22,317*	49,200*	22,317*	49,200*	22,317*
		50	79.6	263.7	48,000*	21,773*	48,000*	21,773*	48,000*	21,773*	48,000*	21,773*
60		77.4	261.7	45,000*	20,412*	45,000*	20,412*	45,000*	20,412*	45,000*	20,412*	
70		75.1	259.2	38,700	17,554	41,100*	18,643*	39,000*	17,690*	41,100*	18,643*	
80		72.8	256.3	31,300	14,198	36,400	16,511	31,700*	14,379*	37,500*	17,010*	
90		70.5	253.0	26,200	11,884	30,200	13,699	26,600*	12,066*	34,000*	15,422*	
100		68.2	249.3	21,800	9,888	25,900	11,748	22,200*	10,070*	30,400	13,789	
110		65.8	245.0	18,400	8,346	22,100	10,025	18,700*	8,482*	26,600	12,066	
120		63.3	240.3	15,600	7,076	19,000	8,618	15,800*	7,167*	23,000	10,433	
130		60.8	235.0	13,300	6,033	16,400	7,439	13,300*	6,033*	20,100	9,117	
140		58.3	229.1	11,300	5,126	14,200	6,441	11,300*	5,126*	17,600	7,983	
150		55.6	222.6	9,600	4,355	12,300	5,579	9,600	4,309*	15,500	7,031	
160		52.9	215.4	8,100	3,674	10,700	4,854	8,100	3,583*	13,600	6,169	
170		50.1	207.4	6,900	3,130	9,200	4,173	6,900	2,994*	12,000	5,443	
180		47.2	198.6	5,700	2,586	8,000	3,629	5,400*	2,449*	10,600	4,808	
190		44.1	188.9	4,700	2,132	6,900	3,130	4,300*	1,950*	9,400	4,264	
200		40.8	177.9	3,900	1,769	5,900	2,676	3,400*	1,542*	8,200	3,720	
210	37.3	165.6	3,100	1,406	5,000	2,288	2,500*	1,134*	7,200	3,286		
220	33.5	151.6	2,300	1,043	4,200	1,905	—	—	6,300	2,858		
230	29.3	135.2	—	—	3,500	1,588	—	—	5,500	2,495		
240	24.4	115.5	—	—	2,800	1,270	—	—	4,700	2,132		
250	18.4	90.0	—	—	—	—	—	—	4,000	1,814		
260	9.1	49.1	—	—	—	—	—	—	3,400	1,542		
270' (82.30 m)	41	82.0	275.3	44,700*	20,276*	44,700*	20,276*	44,700*	20,276*	44,700*	20,276*	
	50	80.0	273.9	43,600*	19,777*	43,600*	19,777*	43,600*	19,777*	43,600*	19,777*	
	60	77.9	271.9	40,900*	18,552*	40,900*	18,552*	40,900*	18,552*	40,900*	18,552*	
	70	75.7	269.6	37,300*	16,919*	37,300*	16,919*	37,300*	16,919*	37,300*	16,919*	
	80	73.5	266.8	31,300*	14,198*	31,300*	14,198*	31,300*	14,198*	31,300*	14,198*	
	90	71.3	263.6	26,200*	11,884*	26,200*	11,884*	26,200*	11,884*	26,200*	11,884*	
	100	69.0	260.0	21,800*	9,888*	21,800*	9,888*	21,800*	9,888*	21,800*	9,888*	
	110	66.7	255.9	18,300*	8,301*	18,300*	8,301*	18,300*	8,301*	18,300*	8,301*	
	120	64.4	251.4	15,400*	6,985*	15,400*	6,985*	15,400*	6,985*	15,400*	6,985*	
	130	62.0	246.3	12,900*	5,851*	12,900*	5,851*	12,900*	5,851*	12,900*	5,851*	
140	59.6	240.7	10,900*	4,944*	10,900*	4,944*	10,900*	4,944*	10,900*	4,944*		
150	57.1	234.6	9,100*	4,129*	9,100*	4,129*	9,100*	4,129*	9,100*	4,129*		
160	54.5	227.8	7,500*	3,402*	7,500*	3,402*	7,500*	3,402*	7,500*	3,402*		
170	51.9	220.3	6,200*	2,816*	6,200*	2,816*	6,200*	2,816*	6,200*	2,816*		

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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	Angle degree	Boom Pt. Height ^① feet	360° pounds	Rear pounds	kg	Straight Over Rear pounds	kg	360° pounds	Rear pounds	kg	360° pounds	Rear pounds	kg	360° pounds	Rear pounds	kg
270' (82.30 m)	180	54.86	212.1	←	←	←	←	←	←	←	←	←	←	←	←	←	←
	190	57.91	203.0	←	←	←	←	←	←	←	←	←	←	←	←	←	←
	200	60.96	192.9	←	←	←	←	←	←	←	←	←	←	←	←	←	←
	210	64.01	181.6	←	←	←	←	←	←	←	←	←	←	←	←	←	←
	220	67.06	169.0	←	←	←	←	←	←	←	←	←	←	←	←	←	←
	230	70.10	154.5	←	←	←	←	←	←	←	←	←	←	←	←	←	←
	240	73.15	137.8	←	←	←	←	←	←	←	←	←	←	←	←	←	←
	250	76.20	117.6	←	←	←	←	←	←	←	←	←	←	←	←	←	←
	260	79.25	91.6	←	←	←	←	←	←	←	←	←	←	←	←	←	←
	270	82.30	49.9	←	←	←	←	←	←	←	←	←	←	←	←	←	←
280' (85.34 m)	43	13.11	285.1	←	←	←	←	←	←	←	←	←	←	←	←	←	←
	50	15.24	284.0	←	←	←	←	←	←	←	←	←	←	←	←	←	←
	60	18.29	282.1	←	←	←	←	←	←	←	←	←	←	←	←	←	←
	70	21.34	279.9	←	←	←	←	←	←	←	←	←	←	←	←	←	←
	80	24.38	277.2	←	←	←	←	←	←	←	←	←	←	←	←	←	←
	90	27.43	274.2	←	←	←	←	←	←	←	←	←	←	←	←	←	←
	100	30.48	270.7	←	←	←	←	←	←	←	←	←	←	←	←	←	←
	110	33.53	266.8	←	←	←	←	←	←	←	←	←	←	←	←	←	←
	120	36.58	262.4	←	←	←	←	←	←	←	←	←	←	←	←	←	←
	130	39.62	257.6	←	←	←	←	←	←	←	←	←	←	←	←	←	←
140	42.67	252.3	←	←	←	←	←	←	←	←	←	←	←	←	←	←	
150	45.72	246.4	←	←	←	←	←	←	←	←	←	←	←	←	←	←	
160	48.77	240.0	←	←	←	←	←	←	←	←	←	←	←	←	←	←	
170	51.82	232.9	←	←	←	←	←	←	←	←	←	←	←	←	←	←	
180	54.86	225.1	←	←	←	←	←	←	←	←	←	←	←	←	←	←	
190	57.91	216.6	←	←	←	←	←	←	←	←	←	←	←	←	←	←	
200	60.96	207.2	←	←	←	←	←	←	←	←	←	←	←	←	←	←	
210	64.01	196.8	←	←	←	←	←	←	←	←	←	←	←	←	←	←	
220	67.06	185.2	←	←	←	←	←	←	←	←	←	←	←	←	←	←	
230	70.10	172.2	←	←	←	←	←	←	←	←	←	←	←	←	←	←	
240	73.15	157.5	←	←	←	←	←	←	←	←	←	←	←	←	←	←	
250	76.20	140.3	←	←	←	←	←	←	←	←	←	←	←	←	←	←	
260	79.25	119.7	←	←	←	←	←	←	←	←	←	←	←	←	←	←	
270	82.30	93.1	←	←	←	←	←	←	←	←	←	←	←	←	←	←	
280	85.34	50.7	←	←	←	←	←	←	←	←	←	←	←	←	←	←	

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.

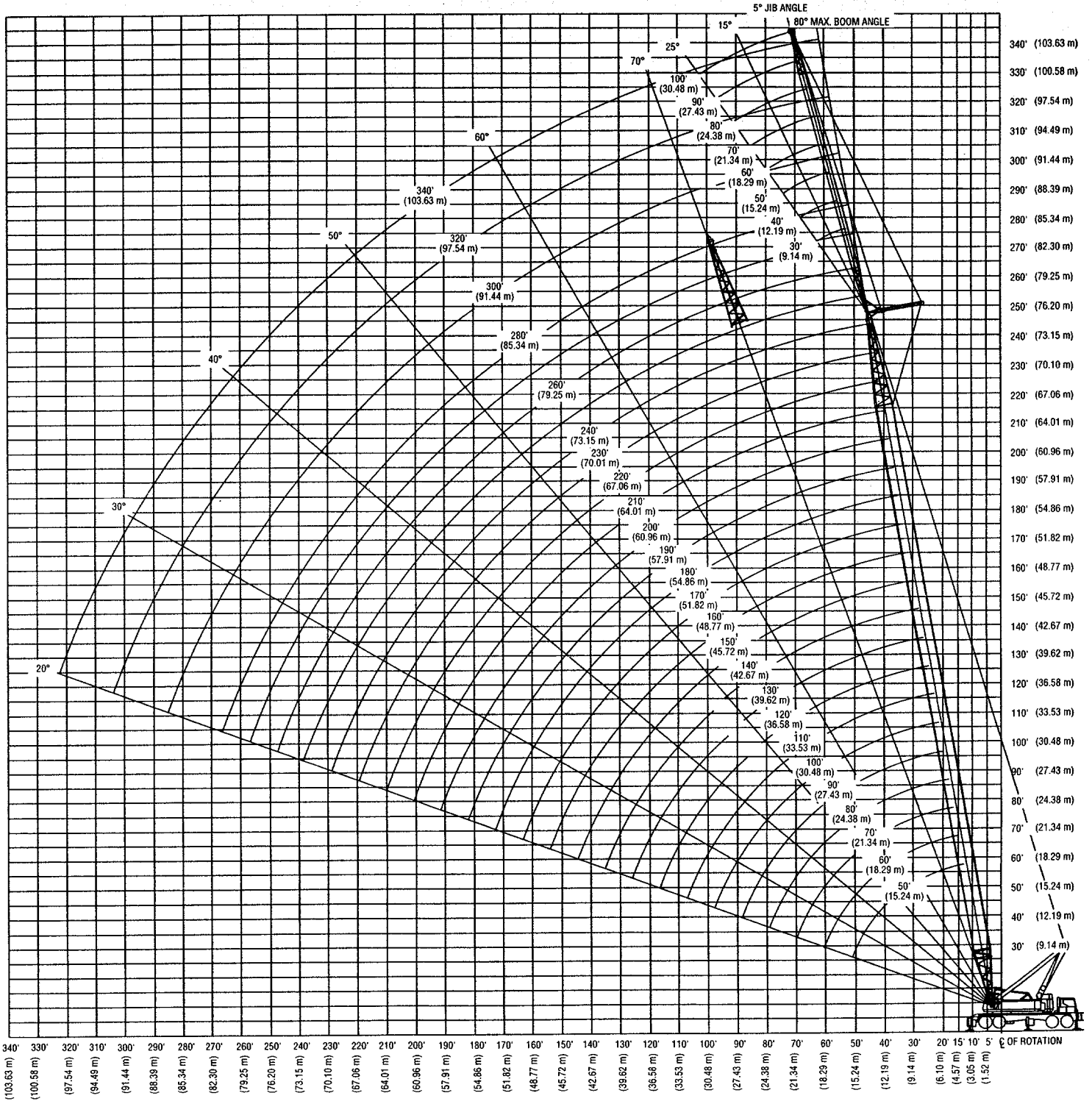
4. The least stable rated condition is over the side.

5. For machines equipped with load weighing devices, deduct 200 lbs. (91 kg) for the weight of the equipment.

6. Boom midpoint suspension required for boom lengths exceeding 240' (73.15 m).

7. 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



OPERATING RADIUS

Link-Belt Construction Equipment Company

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