

Link-Belt® HC-248H Luffing Crane Capacities

Refer to notes page 6

Luffing Boom — Tubular; 80" (2.03 m) wide, 68" (1.73 m) deep.

Fixed Jib — Tubular; 32" (.81 m) wide, 24" (.61m) deep.

Counterweights — Refer to chart below.

Luffing Jib — Tubular; 60" (1.52 m) wide, 50" (1.27 m) deep.

Mounting — Rubber tire mobile base; Link-Belt 8x4 drive, 282" (7.16 m) wheelbase, 11' 0" (3.35 m) wide.

Counterweights					
"ABC" Upper		"AB" Upper		"Auxiliary" Bumper ①	
lbs.	kgs.	lbs.	kgs.	lbs.	kgs.
63,440	28 775	25,000	11 300	10,000	4 536

① "Auxiliary" bumper counterweight used only with 170 -180 ft. (51.82 - 54.86 m) luffing booms.

Luffing boom and luffing jib + fixed jib machine can **lift off** ground unassisted, without load.

Standard HC-248H must be equipped with the counterweights listed below when the indicated luffing boom and luffing jib + fixed jib lengths are used.	Luffing boom and luffing jib + fixed jib lengths allowed	On Outriggers					
		Over Rear (folded or flat)					
		Luffing Boom		Luffing Jib		Fixed Jib	
		Feet	meters	Feet	meters	Feet	meters
Cwt. "ABC" + "AB"	Minimum	80	24.38	80	24.38	30	9.14
	Maximum	160	48.77	160	48.77	30	9.14
Cwt. "ABC" + "AB" + Auxiliary	Minimum	170	51.82	100	30.48	30	9.14
	Maximum	180	54.86	160	48.77	30	9.14

Machine **travel** ② with luffing boom and luffing jib + fixed jib, with no load.

Standard HC-248H must be equipped with the counterweights listed below when the indicated luffing boom and luffing jib + fixed jib lengths are used.	Luffing boom and luffing jib + fixed jib lengths allowed	On Tires ③			
		Jobsites moves at 1 mph (1.61 km/h) with luffing boom and luffing jib + fixed jib. ⑤			
		Luffing Boom		Luffing Jib + Fixed Jib	
		Feet	meters	Feet	meters
Cwt. "ABC" + "AB"	Minimum	80	24.38	80 + 30	24.38 + 9.14
	Maximum	160	48.77	160 + 30	48.77 + 9.14
Cwt. "ABC" + "AB" + Auxiliary ④	Minimum	170	51.82	100 + 30	30.48 + 9.14
	Maximum	180	54.86	160 + 30	48.77 + 9.14

② Remove fixed jib hook ball prior to traveling. Heavy duty pick and carry axles required.

③ For air pressure in front and rear tires refer to operator's manual or tire inflation chart on machine.

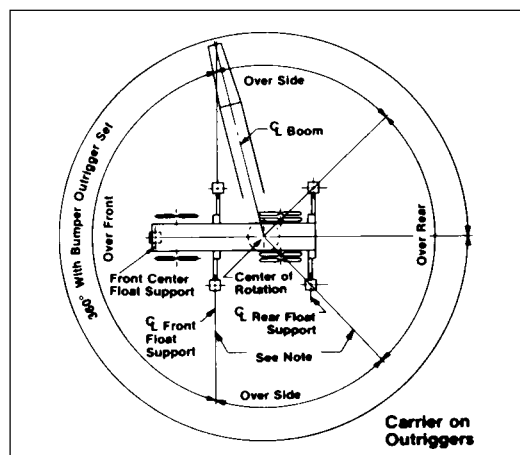
④ **Do not** remove 10,000 lb. (4 536 kg) "auxiliary" bumper counterweight for 170 - 180 ft. (51.82 - 54.86 m) luffing boom travel.

⑤ Refer to travel charts for luffing boom and luffing jib angles before moving.

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.

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



HC-248H Luffing Crane Capacities

Luffing Boom Length	Luffing Jib Length	Radii In Feet	360 Degrees					Radii in Feet	Over The Rear				
			Luffing Boom Angle						Luffing Boom Angle				
			87°	85°	80°	75°	70°		87°	85°	80°	75°	70°
80'	80'	38	85.0*	-	-	-	-	38	85.0*	-	-	-	-
		40	82.4*	-	-	-	-	40	82.4*	-	-	-	-
		60	53.9	53.2	51.4	-	-	60	67.0	66.3	64.5	43.5	-
		80	37.0	36.5	35.2	33.9	-	80	46.3	45.8	44.8	32.7	-
		100	-	-	26.1	25.1	24.2	100	-	-	33.6	31.8	31.8
		117	-	-	-	-	19.6	117	-	-	-	25.9	25.9
	100'	43	68.3*	-	-	-	-	43	68.3*	-	-	-	-
		60	53.4	52.6	-	-	-	60	63.1*	63.0*	-	-	-
		80	36.5	36.0	34.6	33.3	-	80	45.9	45.5	44.2	42.9	-
		100	27.1	26.7	25.6	24.6	23.6	100	34.6	34.2	33.2	32.2	31.2
		120	-	-	20.1	19.3	18.5	120	-	-	26.1	25.3	24.5
		137	-	-	-	-	15.2	137	-	-	-	-	20.7
	120'	50	54.1*	-	-	-	-	50	54.1*	-	-	-	-
		60	51.7*	51.8*	-	-	-	60	51.7*	51.8*	-	-	-
		80	36.0	35.4	34.0	-	-	80	45.5	45.0	43.7	-	-
		100	26.6	26.2	25.1	24.0	-	100	34.2	33.7	32.6	31.6	-
		120	20.9	20.5	19.6	18.8	17.9	120	26.3*	26.5	25.6	24.8	23.9
		157	-	-	15.7	15.0	14.3	157	-	-	21.0	20.3	19.6
	140'	58	43.6*	-	-	-	-	58	43.6*	-	-	-	-
		60	43.2*	-	-	-	-	60	43.2*	-	-	-	-
		80	35.4	34.9	-	-	-	80	40.4*	40.0*	-	-	-
		100	26.1	25.6	24.5	-	-	100	33.6	33.2	32.1	-	-
		120	20.4	20.0	19.1	18.2	17.3	120	25.3*	26.0	25.1	24.2	23.3
		177	16.3	16.0	15.2	14.4	13.7	177	17.0*	18.9*	20.5	19.8	19.0
160'	67	34.7*	-	-	-	-	67	34.7*	-	-	-	-	
	80	33.1*	33.1*	-	-	-	80	33.1*	33.1*	-	-	-	
	100	25.5	25.0	23.9	-	-	100	31.5*	31.5*	30.7*	-	-	
	120	19.9	19.5	18.6	17.6	-	120	24.3*	25.5	24.5	23.6	-	
	140	14.8*	15.5	14.7	13.9	13.1	140	14.8*	17.7*	20.0	19.2	18.4	
	197	9.6*	11.5*	11.8	11.1	10.5	197	9.6*	11.5*	16.4	15.8	15.1	
160' + 30'	80	18.0*	-	-	-	-	80	-	-	-	-	-	
	100	18.0*	18.0*	-	-	-	100	-	-	-	-	-	
	120	17.8*	18.0*	17.4	-	-	120	-	-	18.0*	-	-	
	140	12.4*	14.4	13.5	12.7	-	140	-	-	16.2*	16.9*	-	
	160	6.7*	9.2*	10.7	10.0	9.3	160	-	-	13.7	14.4*	13.9	
	220	-	-	8.5	7.9	7.3	220	-	-	9.2*	11.9*	11.4	

100'	80'	39	79.7*	-	-	-	-	39	79.7*	-	-	-	-
		60	54.0	53.0	50.7	-	-	60	67.1	66.2	63.8	42.7	-
		80	37.0	36.4	34.7	33.1	-	80	46.4	45.7	44.3	32.1	30.8
		100	-	-	25.7	24.5	23.3	100	-	-	33.3	32.1	24.2
		120	-	-	-	-	18.2	120	-	-	-	-	23.3
		123	-	-	-	-	17.4	123	-	-	-	-	23.3
	100'	44	64.6*	-	-	-	-	44	64.6*	-	-	-	-
		60	53.4	52.5	-	-	-	60	60.5*	60.6*	-	-	-
		80	36.6	35.9	34.1	-	-	80	45.9	45.5	43.7	-	-
		100	27.1	26.6	25.2	23.9	22.7	100	34.7	34.1	32.8	31.5	30.2
		120	-	-	19.8	18.7	17.7	120	-	-	25.8	24.8	23.7
		143	-	-	-	-	14.1	143	-	-	-	-	19.4
	120'	50	51.4*	-	-	-	-	50	51.4*	-	-	-	-
		60	49.1*	49.4*	-	-	-	60	49.1*	49.4*	-	-	-
		80	36.0	35.3	33.5	-	-	80	45.4	44.9	43.1	-	-
		100	26.6	26.0	24.6	23.3	-	100	34.2	33.6	32.2	30.9	-
		120	20.9	20.4	19.3	18.2	17.1	120	25.7*	26.4	25.3	24.2	23.1
		163	-	-	15.4	14.5	13.6	163	-	-	20.7	19.8	18.9
	140'	55	41.8*	-	-	-	-	55	41.8*	-	-	-	-
		60	41.0*	-	-	-	-	60	41.0*	-	-	-	-
		80	35.5	34.7	-	-	-	80	38.5*	38.1*	-	-	-
		100	26.1	25.5	24	-	-	100	33.6	33.1	31.6	-	-
		120	20.4	19.9	18.8	17.6	-	120	24.1*	25.9	24.7	23.6	-
		183	16.3	15.9	14.9	13.9	13.0	183	16.8*	19.3*	20.2	19.2	18.3
160'	61	33.4*	-	-	-	-	61	33.4*	-	-	-	-	
	80	31.4*	31.5*	-	-	-	80	31.4*	31.5*	-	-	-	
	100	25.5	24.9	23.4	-	-	100	30.5*	30.1*	29.4*	-	-	
	120	19.9	19.4	18.2	17.0	-	120	23.2*	25.3	24.1	22.9	-	
	140	14.8	15.4	14.3	13.3	12.3	140	14.8*	18.1*	19.7	18.7	17.7	
	203	9.8	11.9	11.5	10.7	9.8	203	9.8*	11.9*	16.2	15.3	14.4	
160' + 30'	73	18.0*	-	-	-	-	73	-	-	-	-	-	
	80	18.0*	-	-	-	-	80	-	-	-	-	-	
	100	18.0*	18.0*	-	-	-	100	-	-	-	-	-	
	120	17.3*	17.9*	17.0	-	-	120	-	-	18.0*	-	-	
	140	12.5*	14.3	13.2	12.1	-	140	-	-	16.2*	17.1*	-	
	220	7.0*	9.8*	10.4	9.5	-	220	-	-	13.8*	14.1	13.2	

NOTE: *Indicates these capacities are based on factors other than those which would cause a tipping condition. Capacities shown in thousands of pounds.

Luffing Boom Length	Luffing Jib Length	Radii In Feet	360 Degrees					Radii in Feet	Over The Rear				
			Luffing Boom Angle						Luffing Boom Angle				
			87°	85°	80°	75°	70°		87°	85°	80°	75°	70°
120'	80'	40	74.3*	-	-	-	-	40	74.3*	-	-	-	-
		60	54.0	52.8	-	-	-	60	66.9*	65.9	-	-	-
		80	37.0	36.2	34.1	32.1	-	80	46.3	45.5	43.7	41.7	-
		100	-	26.9	25.3	23.7	22.4	100	-	34.4	32.8	31.3	29.8
		120	-	-	-	18.5	17.4	120	-	-	-	24.5	23.4
	130	-	-	-	-	15.3	130	-	-	-	-	21.1	-
	100'	45	60.0*	-	-	-	-	45	60.0*	-	-	-	-
		60	53.4	52.2	-	-	-	60	56.1*	56.3*	-	-	-
		80	36.5	35.7	33.5	-	-	80	45.8	45.3	43.1	-	-
		100	27.1	26.4	24.7	23.1	-	100	34.6	34.0	32.3	30.7	-
		120	-	20.8	19.4	18.1	16.8	120	-	26.8	25.4	24.1	22.8
	140	-	-	-	14.4	13.3	140	-	-	-	19.7	18.6	
	150	-	-	-	-	11.9	150	-	-	-	-	16.8	-
	120'	51	47.1*	-	-	-	-	51	47.1*	-	-	-	-
		60	46.2*	46.7*	-	-	-	60	46.2*	46.7*	-	-	-
		80	36.0	35.1	32.8	-	-	80	42.8*	44.3*	42.5	-	-
		100	26.6	25.9	24.1	22.7	-	100	34.1	33.4	31.7	30.0	-
		120	20.9	20.3	18.9	17.5	16.1	120	24.2*	26.3	24.9	23.5	22.4
	140	-	16.3	15.1	13.9	12.8	140	-	19.8*	20.4	19.2	18.1	
	160	-	-	-	11.2	10.2	160	-	-	-	15.8	14.9	
	170	-	-	-	-	9.2	170	-	-	-	-	13.5	-
	140'	56	37.8*	-	-	-	-	56	37.8*	-	-	-	-
		60	37.4*	-	-	-	-	60	37.4*	-	-	-	-
		80	35.3*	34.5	-	-	-	80	35.3*	36.2*	-	-	-
100		26.0	25.3	23.5	-	-	100	32.3*	32.9	31.1	-	-	
120		20.4	19.8	18.3	16.9	-	120	22.9*	25.7	24.3	22.8	-	
140	15.8	15.8	14.5	13.3	12.1	140	15.8*	18.7*	19.9	18.6	17.5		
160	-	12.7	11.8	10.7	9.7	160	-	12.7*	16.4	15.3	14.3		
180	-	-	-	8.7	7.8	180	-	-	-	12.7	11.9		
190	-	-	-	-	7.0	190	-	-	-	-	10.8		
160'	62	30.1*	-	-	-	-	62	30.1*	-	-	-	-	
	80	29.3*	29.7*	-	-	-	80	29.3*	29.7*	-	-	-	
	100	25.5	24.7	22.8	-	-	100	27.6*	27.7*	27.3*	-	-	
	120	19.9	19.3	17.7	16.2	-	120	21.1*	25.2	23.7	22.5	-	
	140	14.2	15.3	14.0	12.7	11.5	140	14.2*	17.5*	19.3	18.0	16.8	
160	9.5	11.5	11.2	10.1	9.0	160	9.5*	11.5*	15.8	14.7	13.7		
180	-	7.2	9.1	8.1	7.2	180	-	7.2*	12*	12.2	11.3		
200	-	-	-	6.6	5.7	200	-	-	-	10.2	9.4		
210	-	-	-	-	5.1	210	-	-	-	-	8.5		
160' + 30'	71	18.0*	-	-	-	-	71	-	-	-	-	-	
	80	18.0*	-	-	-	-	80	-	-	-	-	-	
	100	18.0*	18.0*	-	-	-	100	-	-	-	-	-	
	120	16.9*	17.5*	16.5	-	-	120	-	-	18.0*	-	-	
	140	12.2*	14.1	12.8	11.4	-	140	-	-	16.2*	16.8	-	
160	7.0*	9.6*	10.0	8.9	-	160	-	-	13.8*	13.5	12.4		
180	-	-	8.0	6.9	-	180	-	-	11.5*	11.0	10.1		
200	-	-	6.1*	5.4	-	200	-	-	6.1*	9.1	8.2		
220	-	-	-	-	-	220	-	-	-	6.8*	6.7		

140'	80'	41	64.9*	-	-	-	-	41	64.9*	-	-	-	-
		60	53.9	52.5	-	-	-	60	56.6*	61.0*	-	-	-
		80	37.0	36.0	33.4	-	-	80	46.3	45.4	43.0	-	-
		100	-	26.7	24.7	22.8	-	100	-	34.2	32.3	30.4	-
		120	-	-	-	17.9	16.4	120	-	-	-	23.9	22.7
	137	-	-	-	-	13.4	137	-	-	-	-	18.8	
	100'	46	50.9*	-	-	-	-	46	50.9*	-	-	-	-
		60	48.0*	51.3*	-	-	-	60	48.0*	51.3*	-	-	-
		80	36.5	35.4	32.8	-	-	80	42.2*	45.0*	42.4	-	-
		100	27.0	26.2	24.2	22.5	-	100	34.0	33.8	31.7	29.7	-
		120	-	20.6	19.0	17.4	15.8	120	-	26.6	24.9	23.3	22.0
	140	-	-	-	13.8	12.5	140	-	-	-	19.1	17.8	
	157	-	-	-	-	10.3	157	-	-	-	-	15.0	
	120'	52	41.2*	-	-	-	-	52	41.2*	-	-	-	-
		60	40.1*	41.7*	-	-	-	60	40.1*	41.7*	-	-	-
		80	35.9	34.8	-	-	-	80	36.3*	36.3*	-	-	-
		100	26.5	25.7	23.5	-	-	100	31.8*	33.2	31.1	-	-
		120	20.9	20.2	18.4	16.7	-	120	22.9*	26.1	24.4	22.7	-
	140	-	16.1	14.7	13.2	11.8	140	-	18.9*	20.0	18.6	17.2	
	160	-	-	-	10.7	9.5	160	-	-	-	15.3	14.1	
	177	-	-	-	-	7.9	177	-	-	-	-	12.0	
	140'	57	33.1*	-	-	-	-	57	33.1*	-	-	-	-
		60	32.9*	-	-	-	-	60	32.9*	-	-	-	-
		80	30.9*	33.1*	-	-	-	80	30.9*	33.1*	-	-	-
100		26.0	25.1	22.9	-	-	100	27.8*	30.8*	30.5	-	-	
120		20.4	19.6	17.8	16.1	-	120	21.0*	24.7*	23.8	22.4	-	
140	14.7*	15.6	14.1	12.6	11.2	140	14.7*	17.7*	19.4	18.0	16.5		
160	-	12.3*	11.4	10.1	8.8	160	-	12.3*	16.0	14.7	13.5		
180	-	-	-	8.2	7.1	180	-	-	-	12.2	11.2		
197	-	-	-	-	5.8	197	-	-	-	-	9.5		
160'	63	26.5*	-	-	-	-	63	26.5*	-	-	-	-	
	80	25.5*	26.9*	-	-	-	80	25.5*	26.9*	-	-	-	
	100	24.1*	24.5	22.6	-	-	100	24.1*	25.8*	25.7*	-	-	
	120	19.1*	19.1	17.2	-	-	120	19.1*	23.4*	23.1	-	-	
	140	13.2*	15.1	13.5	12.0	-	140	13.2*	16.7*	18.9	17.4	-	
160	8.8*	10.9*	10.8	9.5	8.2	160	8.8*	10.9*	15.5	14.1	12.9		
180	-	7.0*	8.8	7.6	6.4	180	-	7.0*	12.4*	11.7	10.5		
200	-	-	-	6.1	5.1	200	-	-	-	9.7	8.7		
217	-	-	-	-	-	217	-	-	-	-	7.4		
160' + 30'	72	18.0*	-	-	-	-	72	-	-	-	-	-	
	80	18.0*	-	-	-	-	80	-	-	-	-	-	
	100	18.0*	18.0*	-	-	-	100	-	-	-	-	-	
	120	16.1*	16.9*	16.0	-	-	120	-	-	18.0*	-	-	
	140	10.8*	14.0	12.3	-	-	140	-	-	15.8*	16.1	-	
160	6.4*	9.0*	9.6	-	-	160	-	-	13.7*	12.9	-		
180	-	-	7.6	-	-	180	-	-	11.6*	10.5	9.3		
200	-	-	6.0	-	-	200	-	-	6.5*	8.6	7.5		
220	-	-	-	-	-	220	-	-	-	7.0	6.0		

NOTE: *Indicates these capacities are based on factors other than those which would cause a tipping condition. Capacities shown in thousands of pounds.

Luffing Boom Length	Luffing Jib Length	Radii In Feet	360 Degrees					Radii in Feet	Over The Rear				
			Luffing Boom Angle						Luffing Boom Angle				
			87°	85°	80°	75°	70°		87°	85°	80°	75°	70°
160'	80'	42	53.9*	-	-	-	-	42	53.9*	-	-	-	-
		60	47.4*	51.7*	-	-	-	60	47.4*	51.7*	-	-	-
		80	36.9	35.7	32.6	-	-	80	39.7*	44.5*	42.3	-	-
		100	-	26.4	24.1	22.1	-	100	-	34.0	31.7	29.4	-
		120	-	-	-	17.1	15.3	120	-	-	-	23.1	21.6
		140	-	-	-	-	12.1	140	-	-	-	-	17.4
	144	-	-	-	-	11.5	144	-	-	-	-	16.7	
	100'	47	43.4*	-	-	-	-	47	43.4*	-	-	-	-
		60	40.9*	43.1*	-	-	-	60	40.9*	43.1*	-	-	-
		80	35.7*	35.1	31.9	-	-	80	35.7*	39.1*	41.6	-	-
		100	27.0	26.0	23.5	21.5	-	100	30.1	33.5	31.1	28.7	-
		120	-	20.4	18.5	16.5	14.6	120	-	25.8*	24.4	22.7	20.9
		140	-	-	-	13.1	11.5	140	-	-	-	18.4	16.9
	160	-	-	-	-	9.2	160	-	-	-	-	13.8	
	164	-	-	-	-	8.8	164	-	-	-	-	13.3	
	120'	52	35.5*	-	-	-	-	52	35.5*	-	-	-	-
		60	34.5*	-	-	-	-	60	34.5*	-	-	-	-
		80	31.1*	33.8*	-	-	-	80	31.1*	33.8*	-	-	-
		100	26.4	25.4	22.9	-	-	100	27.1*	30.5*	30.5	-	-
		120	20.8	20.0	17.9	15.9	-	120	20.9*	24.4*	23.8	22.2	-
		140	-	16.0	14.2	12.5	10.9	140	-	17.8*	19.5	17.9	16.2
	160	-	-	-	10.1	8.6	160	-	-	-	14.7	13.3	
	180	-	-	-	-	6.9	180	-	-	-	-	11.0	
	184	-	-	-	-	6.6	184	-	-	-	-	10.6	
140'	58	28.4*	-	-	-	-	58	28.4*	-	-	-	-	
	60	28.2*	-	-	-	-	60	28.2*	-	-	-	-	
	80	26.4*	28.4*	-	-	-	80	26.4*	28.4*	-	-	-	
	100	24.1*	24.8	22.6	-	-	100	24.1*	26.2*	28.6*	-	-	
	120	19.2*	19.4	17.3	15.2	-	120	19.2*	22.7*	23.2	21.5	-	
	140	13.6*	15.5	13.7	11.9	-	140	13.6*	16.6*	19.0	17.2	-	
160	-	11.5*	11.0	9.5	8.0	160	-	11.5*	15.6	14.1	12.6		
180	-	-	-	7.6	6.3	180	-	-	-	11.7	10.4		
200	-	-	-	-	-	200	-	-	-	-	8.6		
204	-	-	-	-	-	204	-	-	-	-	8.3		
160'	64	23.2*	-	-	-	-	64	23.2*	-	-	-	-	
	80	22.7*	23.6*	-	-	-	80	22.7*	23.6*	-	-	-	
	100	20.8*	22.4*	-	-	-	100	20.8*	22.4*	-	-	-	
	120	17.2*	18.9	16.7	-	-	120	17.2*	21.0*	22.4*	-	-	
	140	12.2*	14.9	13.1	11.2	-	140	12.2*	15.1*	18.4	16.6	-	
	160	8.1*	10.3*	10.4	8.8	7.3	160	8.1*	10.3*	15.1	13.5	12.0	
180	-	6.5*	8.4	7.0	5.6	180	-	6.5*	11.9*	11.1	9.8		
200	-	-	-	5.5	-	200	-	-	-	9.2	8.0		
220	-	-	-	-	-	220	-	-	-	-	6.6		
224	-	-	-	-	-	224	-	-	-	-	6.3		
160' + 30'	73	17.4*	-	-	-	-	73	-	-	-	-	-	
	80	17.1*	-	-	-	-	80	-	-	-	-	-	
	100	16.4*	17.5*	-	-	-	100	-	-	-	-	-	
	120	14.6*	16.1*	15.4	-	-	120	-	-	16.7*	-	-	
	140	9.7*	13.0*	11.8	-	-	140	-	-	15.3*	-	-	
	160	5.8*	8.3*	9.2	-	-	160	-	-	13.4*	12.2	-	
180	-	-	7.2	-	-	180	-	-	11.3	9.9	8.5		
200	-	-	5.6	-	-	200	-	-	6.5*	8.0	6.8		
220	-	-	-	-	-	220	-	-	-	6.5	5.4		

180'	120'	53	30.2*	-	-	-	-	53	30.2*	-	-	-	-
		60	29.7*	-	-	-	-	60	29.7*	-	-	-	-
		80	26.1*	29.0*	-	-	-	80	26.1*	29.0*	-	-	-
		100	23.0*	25.1	22.5	-	-	100	23.0*	25.5*	28.6*	-	-
		120	18.9	19.8	17.3	15.0	-	120	18.9	22.0	23.2	21.3	-
		140	-	15.8	13.7	11.7	9.8	140	-	16.4	19.1	17.1	15.2
	160	-	-	11.1	9.4	7.7	160	-	-	15.7	14.0	12.3	
	180	-	-	-	-	6.1	180	-	-	-	-	10.2	
	191	-	-	-	-	5.3	191	-	-	-	-	9.2	
	140'	59	24.4*	-	-	-	-	59	24.4*	-	-	-	-
		60	24.4*	-	-	-	-	60	24.4*	-	-	-	-
		80	22.8*	24.5*	-	-	-	80	22.8*	24.5*	-	-	-
		100	20.5*	22.4*	21.9	-	-	100	20.5*	22.4*	25.0*	-	-
		120	17.0*	19.2	16.7	-	-	120	17.0*	20.2*	22.2*	-	-
		140	12.5*	14.8*	13.2	11.1	-	140	12.5*	14.8*	18.5	16.4	-
	160	-	10.6*	10.6	8.8	7.0	160	-	10.6*	15.2	13.4	11.7	
	180	-	-	8.5	7.0	5.4	180	-	-	11.9*	11.1	9.5	
	200	-	-	-	-	-	200	-	-	-	-	7.9	
211	-	-	-	-	-	211	-	-	-	-	7.1		
160'	65	20.2*	-	-	-	-	65	20.2*	-	-	-	-	
	80	19.5*	20.5*	-	-	-	80	19.5*	20.5*	-	-	-	
	100	17.9*	19.6*	-	-	-	100	17.9*	19.6*	-	-	-	
	120	15.3*	17.9*	16.1	-	-	120	15.3*	17.9*	19.3*	-	-	
	140	10.8*	13.6*	12.5	10.4	-	140	10.8*	13.6*	17.1*	15.8	-	
	160	7.1*	9.4*	10.0	8.1	-	160	7.1*	9.4*	14.6	12.8	11.0	
180	-	5.9*	8.0	6.4	-	180	-	5.9*	11.4*	10.5	8.9		
200	-	-	6.4	5.0	-	200	-	-	7.0*	8.6	7.2		
220	-	-	-	-	-	220	-	-	-	-	5.9		
231	-	-	-	-	-	231	-	-	-	-	5.3		
160' + 30'	74	15.1*	-	-	-	-	74	-	-	-	-	-	
	80	15.1*	-	-	-	-	80	-	-	-	-	-	
	100	14.4*	15.4*	-	-	-	100	-	-	-	-	-	
	120	12.7*	14.0*	-	-	-	120	-	-	14.8	-	-	
	140	8.5*	11.5*	-	-	-	140	-	-	13.2	-	-	
	160	5.0*	7.4*	-	-	-	160	-	-	11.7	11.5	-	
180	-	-	-	-	-	180	-	-	10.3	9.2	7.6		
200	-	-	-	-	-	200	-	-	6.1	7.4	5.9		
220	-	-	-	-	-	220	-	-	-	6.0	-		

NOTE: *Indicates these capacities are based on factors other than those which would cause a tipping condition. Capacities shown in thousands of pounds.

HC-248H Midfall Capacities -- 360 Degrees

Luffing Boom Length	Luffing Jib Length (feet)	Radii In Feet	Capacities with 87° Luffing Boom Angle	Radii In Feet	Capacities with 80° Luffing Boom Angle
80'	110 thru 160	36 - 50	15.0*	53-60	15.0*
		50 - 65	10.0*	65-75	10.0*
		65 - 83	7.5*	80-92	7.5*
100'	110 thru 160	37 - 50	15.0*	56-60	15.0*
		50 - 65	10.0*	65-75	10.0*
		65 - 84	7.5*	80-95	7.5*
120'	110 thru 160	37 - 50	15.0*	60-65	15.0*
		50 - 65	10.0*	70-80	10.0*
		65 - 85	7.5*	90-99	7.5*
140'	110 thru 160	38 - 50	15.0*	63-70	15.0*
		50 - 65	10.0*	75-80	10.0*
		65 - 86	7.5*	90-102	7.5*
160'	110 thru 160	39 - 50	15.0*	67-70	15.0*
		50 - 70	10.0*	75-90	10.0*
		70 - 87	7.5*	100-106	7.0
180'	120 thru 160	40 - 55	15.0*	70-75	15.0*
		55 - 70	10.0*	80-90	10.0*
		70 - 88	7.5*	100-109	7.0

NOTE: *Indicates these capacities are based on factors other than those which would cause a tipping condition. Capacities shown in thousands of pounds.

HC-248H Luffing Crane Working Ranges

(See Crane Operating Manual for all available working ranges)

70° Luffing Boom Angle

87° Luffing Boom Angle

Luffing Attachment Capacity Notes:

1. Capacities shown are in pounds and are not more than 85% of the tipping loads. Outrigger beams must be fully extended and all (5) outrigger jacks must be extended so tires clear the ground with the 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 device, etc. See Operator's Manual for all limitations when raising or lowering attachment.
2. The crane capacities marked with an asterisk are based on structural strength. The crane capacities in the non-asterisked areas are based on stability ratings.
3. For recommended reeving, parts of line, wire rope type and wire rope inspection, see Operator's Manual and Parts Manual.
4. Capacities are based on freely suspended loads and make no allowances for such factors as the effect of the wind, ground conditions, and operating speeds. The operator shall therefore reduce load ratings in order to take these conditions into account.
5. The 30 ft. (9.14 m) luffing boom live mast must be used for all capacities shown in these charts.
6. The least stable rated condition is over the side.
7. The attachment must be erected and lowered directly over the rear of the carrier.
8. Do not operate at radii and boom lengths where charts lists no capacities. Do not use longer booms or jibs than those listed in the Crane Rating Manual. Any of the above can cause a tipping condition, or boom and jib failure.
9. Refer to the Crane Rating Manual for wind speed restriction chart for safe operation, travel and storage of the attachment.
10. Refer to the Crane Rating Manual for capacity reductions for auxiliary load handling equipment.
11. These capacities apply only to the crane as originally manufactured and normally equipped by Link-Belt Construction Equipment Company.