



Crane Rental • Heavy Machinery Moving • Project Management

sales@reliablecraneservice.com • 702-525-0840 or 702-400-2516

GENERAL INFORMATION ONLY

Link-Belt
CONSTRUCTION EQUIPMENT

Specifications

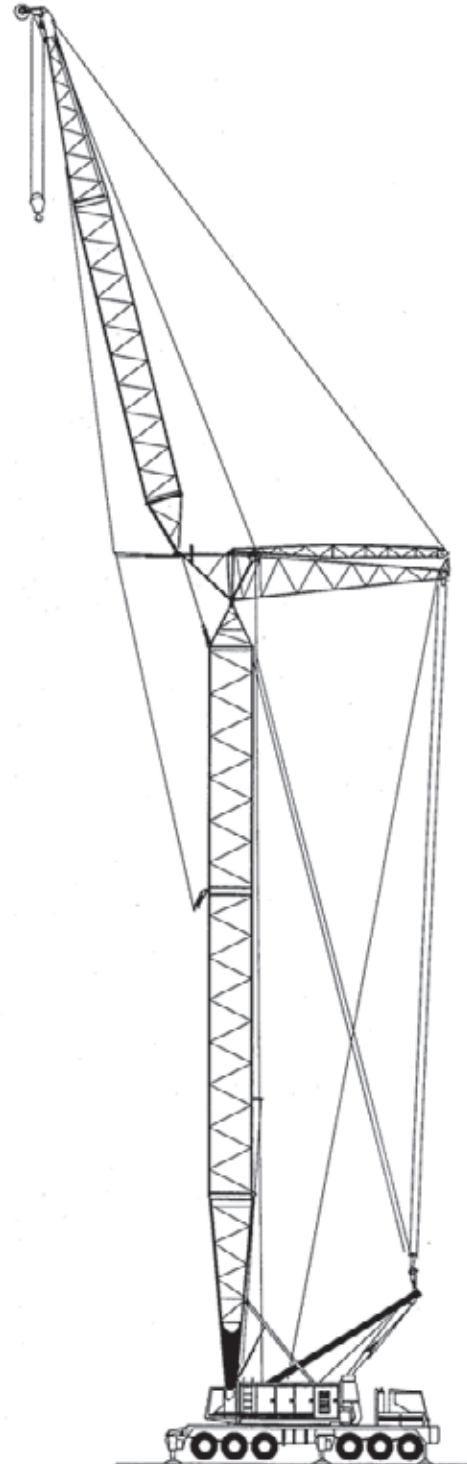
Lattice Boom Truck Crane With Luffing Attachment

HC-268

42.5-Ton (38.58 metric ton)

Luffing Boom - Luffing Jib - Fixed Jib Combinations	Feet	Meters
Basic & maximum luffing boom lengths	140'/250'	42.67/76.20
Basic & maximum luffing jib lengths	100'/200'	30.48/60.96
Basic & maximum fixed jib lengths	30'/30'	9.14/9.14
Maximum luffing boom and luffing jib combination lengths; assist erected	250' + 200'	76.20 + 60.96
Maximum height - center luffing jib head sheave @ 80° (24.38 m) radius	446'	135.9
Maximum horizontal reach - center luffing jib load hook @ max. chart radius w/luffing boom @ 85° offset	233'	71.02
Maximum luffing boom, luffing jib, and fixed jib combination lengths; assist erected	250' + 200' + 30'	76.20 + 60.96 + 9.14
Maximum height - center fixed jib peak sheave @ 80° (24.38 m) radius	477'	145.39
Maximum horizontal reach - center fixed jib load hook @ max. chart radius w/ luffing boom @ 85° offset	263'	80.16
Maximum luffing boom, luffing jib, and fixed jib combination lengths; non-assist erected	200' + 200' + 30'	60.96 + 60.96 + 9.14
Maximum height - center fixed jib head sheave @ 75° (22.86 m) radius	428'	130.45
Maximum horizontal reach - center fixed jib load hook @ max. chart radius w/luffing boom @ 85° offset	259'	78.94

General Dimensions - 90° Luffing Boom	Feet	Meters
Luffing boom live mast	35' 0"	10.66
Overall height, top of turntable bearing	5' 5"	1.65
Ground clearance under counterweight	5' 5"	1.65
Minimum ground clearance	9"	.22
Overall height - live mast vertical	44' 5"	13.53
Overall truck length	43' 7"	13.28
Tailswing of counterweight (at corners)	18' 9"	5.72
Tailswing of balance arm and luffing boom live mast	32' 10"	10.00
Overall width of counterweight	11' 10"	3.60
Radius of luffing jib hinge pin	11' 2"	3.40
Radius of luffing boom hinge pin	3' 2"	.96
Height of luffing boom hinge pin (on outriggers)	8' 0"	2.44
Overall length - attachment removed but with luffing boom mast lowered horizontal	68' 6"	20.87
Height of luffing jib foot pin (140' - 42.67 m - luffing boom)	148' 0"	45.11
Centerline of luffing boom to end of balance arm	36' 0"	10.97
Luffing jib hinge pin to centerline of luffing boom	8' 0"	2.44



Not to Scale

FOR REFERENCE USE ONLY!

Please consult Reliable Crane Service for more information.

702-400-2516 or 702-525-0840
sales@reliablecraneservice.com

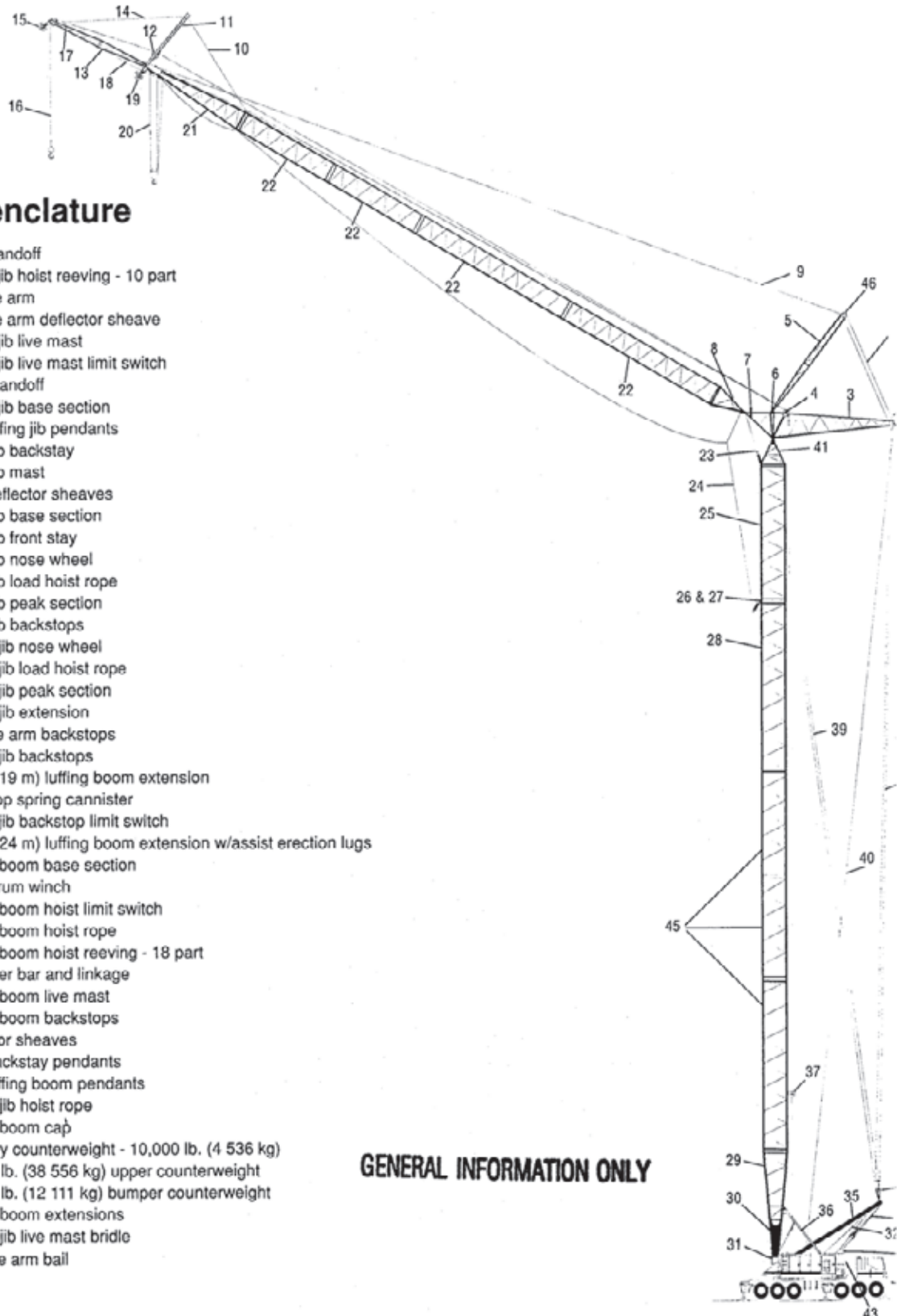
www.reliablecraneservice.com



Nomenclature

1. Rear standoff
2. Luffing jib hoist reeving - 10 part
3. Balance arm
4. Balance arm deflector sheave
5. Luffing jib live mast
6. Luffing jib live mast limit switch
7. Front standoff
8. Luffing jib base section
9. Dual luffing jib pendants
10. Fixed jib backstay
11. Fixed jib mast
12. Mast deflector sheaves
13. Fixed jib base section
14. Fixed jib front stay
15. Fixed jib nose wheel
16. Fixed jib load hoist rope
17. Fixed jib peak section
18. Fixed jib backstops
19. Luffing jib nose wheel
20. Luffing jib load hoist rope
21. Luffing jib peak section
22. Luffing jib extension
23. Balance arm backstops
24. Luffing jib backstops
25. 40' (12.19 m) luffing boom extension
26. Backstop spring cannister
27. Luffing jib backstop limit switch
28. 50' (15.24 m) luffing boom extension w/assist erection lugs
29. Luffing boom base section
30. Third drum winch
31. Luffing boom hoist limit switch
32. Luffing boom hoist rope
33. Luffing boom hoist reeving - 18 part
34. Spreader bar and linkage
35. Luffing boom live mast
36. Luffing boom backstops
37. Deflector sheaves
38. Dual backstay pendants
39. Dual luffing boom pendants
40. Luffing jib hoist rope
41. Luffing boom cap
42. Auxiliary counterweight - 10,000 lb. (4 536 kg)
43. 85,000 lb. (38 556 kg) upper counterweight
44. 26,700 lb. (12 111 kg) bumper counterweight
45. Luffing boom extensions
46. Luffing jib live mast bridle
47. Balance arm ball

GENERAL INFORMATION ONLY





General Specifications

■ Luffing Boom

Tubular; 100' (2.54 m) wide, 85" (2.16 m) deep at connections. Alloy steel round tubular chords 5-1/4" (.13 m) outside diameter.

■ Luffing Boom Base Section

35' (10.67 m) long. Luffing boom feet on 66" (1.67 m) centers. Hydraulic powered luffing boom foot pin removal system standard.

■ Luffing Boom Extensions

Available in 20' (6.10 m), 30' (9.14 m), 40' (12.19 m) and 50' (15.24 m) lengths with appropriate length pendants.

■ Luffing Boom Connections

In-line pin connections

■ Luffing Boom Cap

7' 6" (2.29 m) long; tubular construction, pin connected to the top luffing boom extension.

■ Balance Arm

Provides an offset luffing jib connection to allow for a full 165° of luffing jib angle variation from erection to minimum radius operating position. Transfers the resultant of the luffing jib foot thrust to the luffing boom centerline so that all four chords are loaded equally. Tubular construction, front chords span 8' 0" (2.44 m) from luffing boom centerline and rear chords span 35' 0" (10.67 m) from luffing boom centerline to the luffing jib hoist bail shaft.

■ Luffing Boom Stops

Dual lever type, spring cushioned. Adjustable levers pin to luffing boom base section; backstops anchor to the upper revolving frame. Required for all luffing boom lengths.

■ Luffing Boom Hoist Bridle

The bridle contains nine 15" (.38 m) root dia. sheaves (18-part reeving) and two 15" (.38 m) root dia. auxiliary load hoist sheaves which enable the mast to be used as an auxiliary boom for machine assembly and disassembly.

■ Luffing Boom Live Mast

Welded plate/tube construction 35' 0" (10.67 m) long, required for all luffing boom/luffing jib lengths; supports luffing jib hoist bridle. (Same live mast as on standard crane.)

■ Balance Arm Stops

Prevent the balance arm from angling past a line perpendicular to the centerline of the luffing boom during erection.

■ Wire Rope

See chart on page 4.

■ Basic Luffing Boom

140' (42.67 m) long; contains one 35' 0" (10.67 m) base section, one 40' 0" (12.19 m), one 50' 0" (15.24 m) extension, 7' 6" (2.29 m) tapered luffing boom cap and 7' 6" (2.29 m) balance arm. (Includes bail, live mast, hoist bridle and live mast stops.)

■ Maximum Luffing Boom

No assist luffing boom erection; 200' (60.96 m) luffing boom for use with maximum 200' (60.96 m) luffing jib and 30' (9.14 m) fixed jib.

Assist luffing boom erection; 250' (76.20 m) luffing boom for use with maximum 200' (60.96 m) luffing jib and 30' (9.14 m) fixed jib.

■ Luffing Jib

Tubular; basic luffing jib 100' (30.48 m) long; 80" (2.03 m) wide, 68" (1.72 m) deep at connections. Alloy steel round tubular chords 4-1/4" (.10 m) outside diameter.

■ Luffing Jib Base Section

10' 0" (3.04 m) long; 100" (2.54 m) wide at luffing jib foot. 68" (1.72 m) deep and 80" (2.03 m) wide at pin connections.

■ Luffing Jib Extensions

Available in 10' (3.04 m), 20' (6.10 m), 30' (9.14 m), 40' (12.19 m) and 50' (15.24 m) lengths with appropriate length pendants. (Standard luffing jib extensions.)

■ Luffing Jib Connections

In-line pin connections.

■ Top Section

Open throat, 30' (9.14 m) long. (Standard luffing jib top section, modified to accept nose wheel.)

■ Luffing Jib Live Mast

35' (10.67 m) long, required for all luffing jib/fixed jib lengths.

■ Luffing Jib Point Machinery

Six 21" (.53 m) root diameter sheaves. Sheaves mounted on anti-friction bearings.

■ Luffing Jib Sheave Guards

Tubular upper guard, steel rod lower guard.

■ Deflector Rollers

Deflect load hoist wire rope off luffing boom/luffing jib. Steel rollers mounted on anti-friction pillow block bearings.

■ Luffing Jib Backstop System

3/4" (19 mm) wire rope type "N" pendants. Contains spring canisters and a limit switch to prevent luffing jib from exceeding max. operating angle.

■ Luffing Jib Hoist

1" (25 mm) type "N" luffing jib hoist line runs from the rear drum to the balance arm bail. Ten part reeving hoists luffing jib from -90° to 0° during erection and from 0° to 73° during operation.

■ Luffing Jib Hoist Limiting Device

The balance arm is equipped with a luffing jib hoist limit switch used to avoid hoisting above minimum radius. Brakes apply automatically.

■ Drum Rotation Indicators

Standard for front drum (load hoist) and rear drum (luffing jib hoist).

■ Luffing Jib Lengths

Luffing jib lengths from 100' (30.48 m) to 200' (60.96 m) may be used on all luffing boom lengths from 140' (42.67 m) to 250' (76.20 m) with luffing boom at 85° or 90° angles.

■ Luffing Jib Nose Wheels

Pin-connected to end of luffing jib top section; support luffing jib peak on ground during luffing boom and luffing jib erection. Dual 8.35 x 15 (12-ply) rating tires.

■ Luffing Boom And Luffing Jib Angle Indicators

Electronic type standard. Read out unit conveniently located in crane operator's cab.

■ Auxiliary Counterweight

The luffing attachment utilizes an auxiliary 10,000 lb. (4 536 kg) counterweight in addition to the 85,000 lb. (38 556 kg) "AB" upper counterweight. This counterweight is secured to the top of the 38,000 lb. (17 237 kg) "B" counterweight with an eye bolt and pin arrangement.



General Specifications (con't)

■ Fixed Jib

Tubular; basic two-piece 30' (9.14 m) long; 32" (.81 m) wide; 24" (.51 m) deep at connections. Alloy steel round tubular chords 2-1/4" (57 mm) outside diameter. (Same jib as used on standard boom.)

■ Base Section

15' 0" (4.57 m) long.

■ Jib Connections

In-line pin connections.

■ Tip section

15' 0" (4.57 m) long; equipped with single 21" (.53 m) root diameter sheave, mounted on anti-friction bearings.

■ Jib Adapter

Connects to the fixed jib lower section and the luffing jib upper section. Allows the fixed jib to pivot 90° to the luffing jib for erection purposes.

■ Jib Mast

17' 10" (5.43 m) long. Single jib load hoist rope (whipline) deflector sheave, 21" (.53 m) root diameter, mounted on anti-friction bearings. Two stayline equalizer sheaves mount at end of mast.

■ Jib Stops

Wire rope type; pin to fixed jib peak and to the 30' (9.14 m) luffing jib head section.

■ Jib Staylines

Front and back staylines 7/8" dia. (22 mm) attach jib head shaft and luffing jib tip section to the jib mast respectively. Connections at the jib mast employ equalizing sheaves for both stays.

■ Fixed Jib Lengths And Offset Angles

30' (9.14 m) only; 5° offset only.

■ Jib Folding Wheel

Pin connected to jib peak; supports jib peak on ground during luffing boom/luffing jib/fixed jib erection. Implement type tire with tube - 6.50 x 16 (6 ply) rating.

■ 3rd Drum Winch

Optional; used in conjunction with 30' (9.14 m) fixed jib as a whipline function. Bolts in the luffing boom base section, 7' 0" (2.13 m) from the luffing boom foot pin. The winch drive consists of a variable displacement bent axis piston motor with an integral multi-disk brake and planetary. This drum is grooved for 1" (25.4 mm) rope.

Hydraulic power to the winch is supplied by the conventional boom hoist pump. The rotary valve selection in the operator's cab allows the luffing boom hoist drum and the third drum winch to share the pump function during erection and operation of the luffing attachment. Quick disconnects at the outside of the machinery house allow the winch to be transported in the luffing boom lower section.

The hydraulic circuit contains a holding valve, which when coupled with the winch multi-disk brake will prevent load droop when initiating a hoist function. A ratchet-pawl system is not available.

Wire Rope and Rope Drum Data

Wire Rope: size and type

Wire rope application	Size: diameter		Type
	inches	mm	
Luffing boom hoist	1	25	W
Luffing jib hoist	1	25	N
Main load hoist	1-1/8	28	N
Jib load hoist (1-part)	1	25	RB,P
Jib load hoist (2-part)	1	25	N
Luffing boom pendants (dual)	1-1/4	32	N
Backstay pendants (dual)	1-1/8	28	N
Luffing jib pendants (dual)	1-1/8	28	N
Jib front stay line	7/8	22	N
Jib back stay line	7/8	22	N
Luffing jib backstop pendants	3/4	19	N
Fixed jib backstop pendants	1/2	13	N
Assist lift pendant	1-1/4	32	N

Wire Rope: types available

- Type "N" - 6 x 25 (6 x 19 class) filler wire, extra improved plow steel, preformed, independent wire rope center, right lay, regular lay.
- Type "W" - 6 x 26 extra improved plow steel, preformed, independent wire rope center, right lay, alternate lay.
- Type "RB" - 19 x 19 rotation resistant.
- Type "P" - 19 x 7 non-rotating, extra improved plow steel, preformed, wire center core.

GENERAL INFORMATION ONLY

Drum Functions

Description	Lift Crane Function	Luffing Attachment Function
Front drum	Main load line	Main load line or whip line
Rear drum	Whip line	Luffing jib hoist
Boom hoist drum	Boom hoist	Luffing boom hoist
3rd drum	n/a	Whip line



Load Hoisting Performance

GENERAL INFORMATION ONLY

Line speed and pull

Rope layer	Third Drum - 1" (25 mm) wire rope - No Load							
	Low speed				High speed			
	Line Pull		Line Speed		Line Pull		Line Speed	
	lb.	kg	fpm	m/min	lb.	kg	fpm	m/min
1	0	0	218	66.4	0	0	440	134.1
2	0	0	237	72.2	0	0	479	146.0
3	0	0	256	78.0	0	0	517	157.6
4	0	0	275	83.8	0	0	556	169.5
5	0	0	294	89.6	0	0	595	181.4

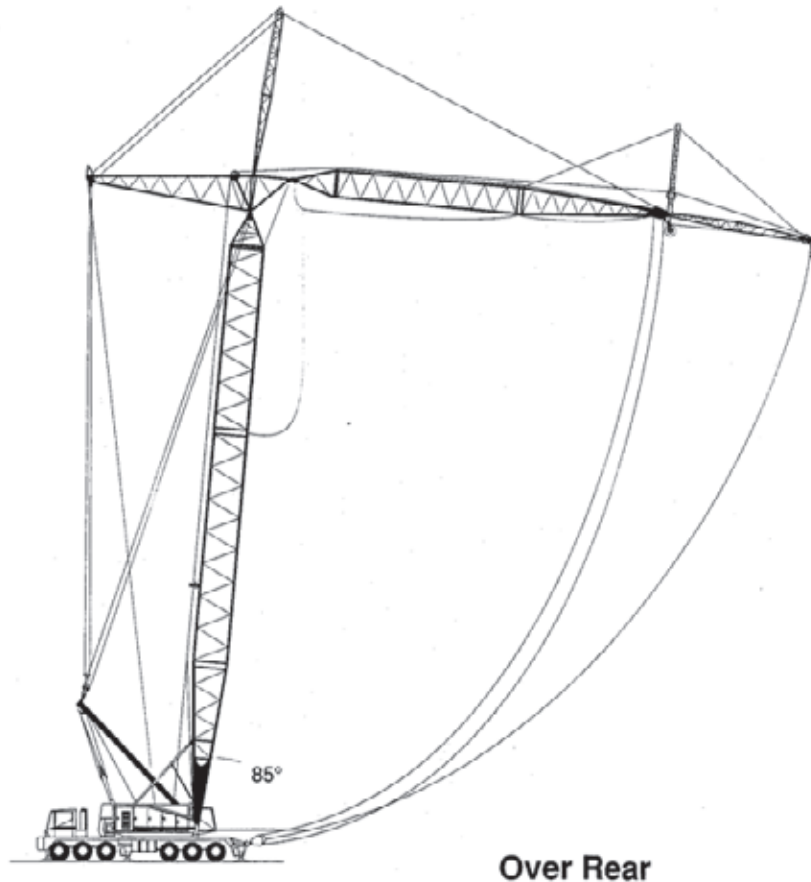
Rope layer	Third Drum - 1" (25 mm) wire rope - With Full Load							
	Low speed				High speed			
	Line Pull		Line Speed		Line Pull		Line Speed	
	lb.	kg	fpm	m/min	lb.	kg	fpm	m/min
1	23,600	10 714	184	56.1	9,700	4 404	368	112.2
2	21,700	9 852	200	61.0	8,900	4 041	401	122.2
3	20,100	9 125	217	66.1	8,300	3 768	433	132.0
4	18,700	8 490	233	71.0	7,700	3 496	466	142.0
5	17,500	7 945	249	75.9	7,200	3 269	498	151.8

Jobsite Travel

(without load)

The HC-268 with luffing attachment may be moved on the jobsite with all combinations of luffing boom, luffing jib, and fixed jib. This can be done with the upper facing either over the front or rear of the carrier.

See page 6 for over front configuration



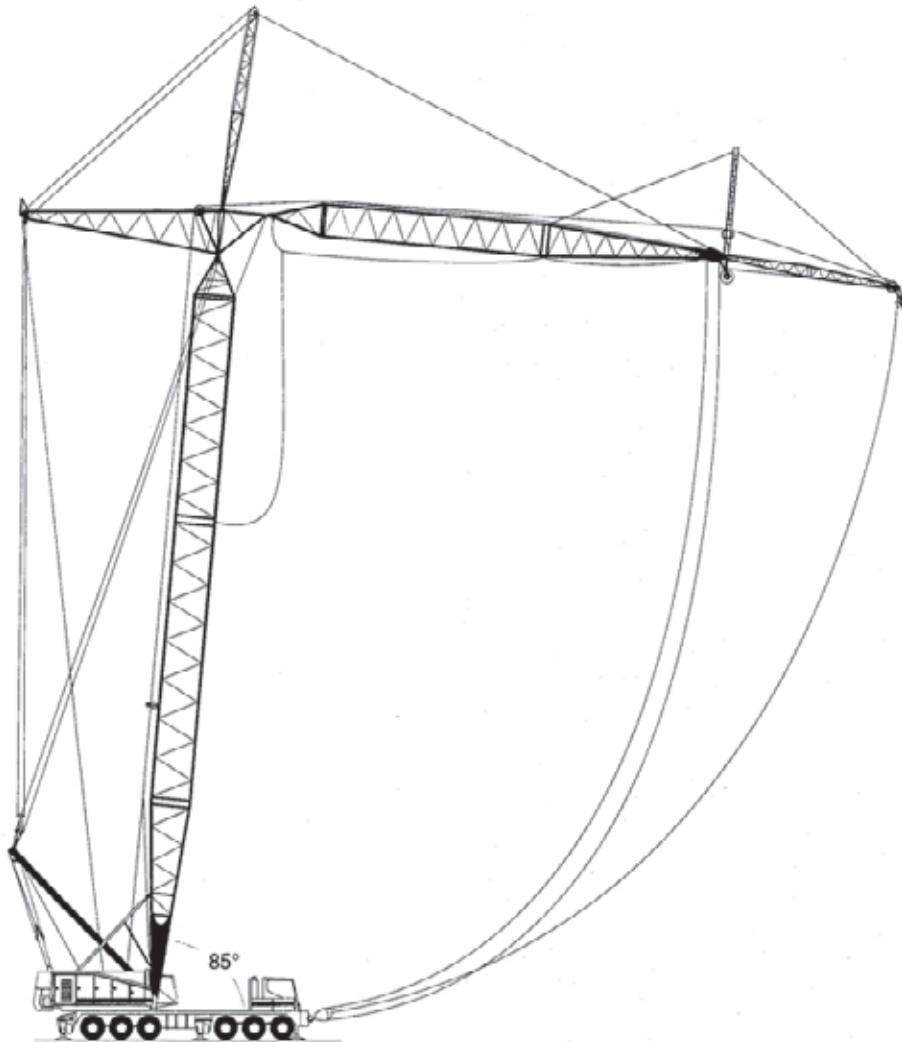


Jobsite Travel (without load) con't

The HC-268 with luffing attachment may be moved on the jobsite with all combinations of luffing boom, luffing jib, and fixed jib. This can be done with the upper facing either over the front or rear of the carrier.

See page 5 for over rear configuration.

GENERAL INFORMATION ONLY



Over Front

We are constantly improving our products and therefore reserve the right to change designs and specifications.

Link-Belt is a registered trademark. All rights reserved. Copyright 1992.

Link-Belt Construction Equipment Company

A unit of Sumitomo Construction Machinery Co., Ltd.

**Link-Belt® HC-268 lifting crane capacities — open throat boom**

PCSA Class 12-1471

Refer to notes page 7.

Boom — tubular; 80" (2.03 m) wide, 68" (1.73 m) deep with open throat top section, 1 1/4" (32 mm) diameter boom pendants, boom live mast, and boom midpoint suspension pendants as required.

Jib — tubular; 32" (0.81 m) wide, 24" (0.61 m) deep.

Mounting — rubber tire mobile base; FMC; 12 x 6 drive, 288" (7.32 m) wheelbase, 11' 10" (3.61 m) wide.

Counterweights — Refer to charts below.

Counterweights							
"A" upper		"AB" upper		"A" bumper		"AB" bumper	
Pounds	kilograms	Pounds	kilograms	Pounds	kilograms	Pounds	kilograms
47,000	16 783	85,000	38 556	11,400	5 171	26,700	12 111

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

Standard HC-268 must be equipped with the counterweight combinations below when the indicated boom or boom + jib lengths are used.	Minimum/maximum 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
"AB" upper and No bumper	Minimum Maximum	60 300	27.21 136.08	Not applicable		60 280	27.21 127.00	Not applicable	
"A" upper and "A" bumper	Minimum Maximum	60 280	27.21 127.00	Not applicable		60 250	27.21 113.40	Not applicable	
"AB" upper and "A" bumper	Minimum Maximum	90 310	40.82 140.61	60 + 30 280 + 90	27.21 + 9.14 127.00 + 40.82	90 290	40.82 131.54	60 + 30 250 + 90	27.21 + 13.60 113.40 + 40.82
"AB" upper and "AB" bumper	Minimum Maximum	150 330	68.04 149.68	Not applicable		150 290	68.04 131.54	Not applicable	

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

Standard HC-268 must be equipped with the counterweight combinations below when the indicated boom or boom + jib lengths are used.	Minimum/maximum boom or boom + jib lengths allowed	On tires ^③							
		Jobsite moves at 1 m.p.h. (1.61 km/h) with boom or boom + jib in the air ^④ , and with upper facing rear only.				Jobsite moves at 5 m.p.h. (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
"A" upper and "A" bumper	Minimum Maximum	80 280	24.38 85.33	Not applicable		60 130	18.29 39.62	Not applicable	
"AB" upper and No bumper	Minimum Maximum	80 300	24.38 91.44	Not applicable		60 140	18.29 42.67	Not applicable	
"AB" upper and "A" bumper	Minimum Maximum	90 310	27.43 94.48	60 + 30 280 + 90	18.29 + 9.14 85.34 + 27.43	90 140	27.43 42.67	60 + 30 110 + 90	18.29 + 9.14 33.53 + 27.43
"AB" upper and "AB" bumper	Minimum Maximum	150 ^⑤ 330	45.72 100.58	290 + 30 300 + 90	88.39 + 9.14 91.44 + 27.43	150 150	45.72 45.72	Not applicable	

^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 Air pressure in front and rear tires to be 100 p.s.i. (689 kPa) at 1 m.p.h. (1.6 km/h) or 5 m.p.h. (8.0 km/h).^④ Minimum/maximum boom lengths beyond 80' (24.38 m) and minimum maximum boom + jib lengths — with boom or boom + jib in the air — must be at 80' (24.38 m) hook radius.^⑤ Boom lengths 150' to 240' (45.72 to 73.15 m) must be at 110' (33.53 m) hook radius.**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-268 lifting crane capacities

Refer to Notes page 7.

HC-268 open throat boom				Capacities ① on outriggers only									
Length	Radius Feet (meters)	Angle Deg.	Boom point height ② Feet (meters)	"AB" upper counterweight only		"A" upper and "A" bumper counterweights		"AB" upper and "A" bumper counterweights		"AB" upper and "AB" bumper counterweights		Over side and 360° swing ③	
				Over rear	Over side and 360° swing ①	Over rear	Over side and 360° swing ①	Over rear	Over side and 360° swing ①	Over rear	Over side and 360° swing ①	Lbs.	kg
60' (18.28 m)	12	3.65	20.31	500.0*	450.0*	445.4*	392.7*	445.4*	392.7*	445.4*	392.7*	178.1*	80.5*
	13	3.96	20.26	432.4*	396.1*	412.8*	374.7*	412.8*	374.7*	412.8*	374.7*	170.0*	77.1*
	14	4.26	20.21	383.6*	358.1*	383.6*	342.8*	383.6*	342.8*	383.6*	342.8*	155.5*	70.5*
	15	4.57	20.15	345.9*	325.9*	345.9*	313.3*	345.9*	313.3*	345.9*	313.3*	142.3*	64.5*
	16	4.87	20.09	313.3*	295.9*	313.3*	282.7*	313.3*	282.7*	313.3*	282.7*	127.5*	58.0*
	17	5.18	20.02	282.7*	268.4*	282.7*	253.9*	282.7*	253.9*	282.7*	253.9*	114.2*	51.8*
	18	5.48	19.94	253.9*	244.4*	253.9*	228.2*	253.9*	228.2*	253.9*	228.2*	101.4*	46.0*
	19	5.79	19.86	228.2*	214.0*	228.2*	197.1*	228.2*	197.1*	228.2*	197.1*	88.5*	40.1*
	20	6.09	19.78	201.4*	188.1*	201.4*	174.4*	201.4*	174.4*	201.4*	174.4*	77.1*	35.0*
	25	7.62	18.58	188.1*	169.0*	188.1*	151.0*	188.1*	151.0*	188.1*	151.0*	62.1*	28.2*
70' (21.33 m)	13	3.96	23.35	357.7*	325.9*	357.7*	325.9*	357.7*	325.9*	357.7*	325.9*	162.3*	73.6*
	14	4.26	23.30	325.9*	295.9*	325.9*	282.7*	325.9*	282.7*	325.9*	282.7*	142.3*	64.5*
	15	4.57	23.25	300.0*	271.1*	300.0*	253.9*	300.0*	253.9*	300.0*	253.9*	127.5*	58.0*
	16	4.87	23.20	271.1*	244.4*	271.1*	228.2*	271.1*	228.2*	271.1*	228.2*	101.4*	46.0*
	17	5.18	23.14	244.4*	214.0*	244.4*	197.1*	244.4*	197.1*	244.4*	197.1*	88.5*	40.1*
	18	5.48	23.07	214.0*	188.1*	214.0*	174.4*	214.0*	174.4*	214.0*	174.4*	77.1*	35.0*
	19	5.79	23.01	188.1*	169.0*	188.1*	151.0*	188.1*	151.0*	188.1*	151.0*	62.1*	28.2*
	20	6.09	22.93	169.0*	147.1*	169.0*	127.5*	169.0*	127.5*	169.0*	127.5*	58.0*	26.3*
	25	7.62	22.49	147.1*	111.6*	147.1*	97.4*	147.1*	97.4*	147.1*	97.4*	44.2*	20.1*
	30	9.14	21.53	111.6*	86.6*	111.6*	75.4*	111.6*	75.4*	111.6*	75.4*	34.2*	15.5*
90' (27.43 m)	16	4.87	29.37	307.7*	271.1*	307.7*	253.9*	307.7*	253.9*	307.7*	253.9*	139.6*	63.3*
	17	5.18	29.33	271.1*	244.4*	271.1*	228.2*	271.1*	228.2*	271.1*	228.2*	101.4*	46.0*
	18	5.48	29.28	244.4*	214.0*	244.4*	197.1*	244.4*	197.1*	244.4*	197.1*	88.5*	40.1*
	19	5.79	29.23	214.0*	188.1*	214.0*	174.4*	214.0*	174.4*	214.0*	174.4*	77.1*	35.0*
	20	6.09	29.17	188.1*	169.0*	188.1*	151.0*	188.1*	151.0*	188.1*	151.0*	62.1*	28.2*
	25	7.62	28.84	169.0*	147.1*	169.0*	127.5*	169.0*	127.5*	169.0*	127.5*	58.0*	26.3*
	30	9.14	28.41	147.1*	111.6*	147.1*	97.4*	147.1*	97.4*	147.1*	97.4*	44.2*	20.1*
	35	10.66	27.88	111.6*	86.6*	111.6*	75.4*	111.6*	75.4*	111.6*	75.4*	34.2*	15.5*
	40	12.19	27.25	86.6*	66.3*	86.6*	55.1*	86.6*	55.1*	86.6*	55.1*	25.3*	11.5*
	50	15.24	25.65	66.3*	50.0*	66.3*	41.3*	66.3*	41.3*	66.3*	41.3*	18.1*	8.2*
110' (33.53 m)	60	18.28	23.49	50.0*	39.6*	50.0*	39.6*	50.0*	39.6*	50.0*	39.6*	15.5*	7.0*
	70	21.33	20.60	39.6*	30.0*	39.6*	29.3*	39.6*	29.3*	39.6*	29.3*	11.5*	5.2*
	80	24.38	16.51	30.0*	25.3*	30.0*	25.3*	30.0*	25.3*	30.0*	25.3*	9.1*	4.1*
	90	27.43	15.2	25.3*	21.4*	25.3*	21.4*	25.3*	21.4*	25.3*	21.4*	7.7*	3.5*
	19	5.79	35.40	255.1*	228.2*	255.1*	228.2*	255.1*	228.2*	255.1*	228.2*	127.5*	58.0*
	20	6.09	35.36	228.2*	201.4*	228.2*	197.1*	228.2*	197.1*	228.2*	197.1*	101.4*	46.0*
	25	7.62	35.08	201.4*	174.4*	201.4*	174.4*	201.4*	174.4*	201.4*	174.4*	88.5*	40.1*
	30	9.14	34.74	174.4*	151.0*	174.4*	151.0*	174.4*	151.0*	174.4*	151.0*	77.1*	35.0*
	35	10.66	34.32	151.0*	127.5*	151.0*	127.5*	151.0*	127.5*	151.0*	127.5*	62.1*	28.2*
	40	12.19	33.82	127.5*	101.4*	127.5*	97.4*	127.5*	97.4*	127.5*	97.4*	44.2*	20.1*

(continued)

① Capacities shown in thousands of pounds and kilograms.
② Measured vertically from center of boom head sheaves to ground with machine standing on tires.
③ Capacities for 360° swing applicable only when front center jack and front and rear outriggers are set in proper working position.



HC-268 lifting crane capacities

Refer to Notes page 7.

HC-268 open throat boom				Capacities ① on outriggers only												
Length	Radius Feet	Angle Deg.	Boom point height ② Feet	"AB" upper counterweight only			"A" upper and "A" bumper counterweights			"AB" upper and "AB" bumper counterweights			"AB" upper and "AB" bumper counterweights			
				Over rear	Over side and 360° swing ③	Over side and 360° swing ③	Over rear	Over side and 360° swing ③	Over rear	Over side and 360° swing ③	Over rear	Over side and 360° swing ③	Over rear	Over side and 360° swing ③		
				Lbs.	kg	Lbs.	Lbs.	kg	Lbs.	kg	Lbs.	kg	Lbs.	kg	Lbs.	kg
110' (33.53 m)	70	21.34	28.85	70.6	32.0	63.9	61.3	27.8	22.5	49.6	218.4	99.1	218.4	99.1	66.0	29.9
	80	24.38	45.7	58.9	26.7	53.2	51.0	23.1	41.1	18.6	64.9	29.4	55.0	24.9	55.0	24.9
	90	27.43	74.1	50.2	22.8	45.3	43.3	19.6	34.8	15.8	55.5	25.2	46.8	21.2	46.8	21.2
	100	30.48	103.3	43.5	19.7	39.1	37.4	17.0	29.9	13.6	48.2	21.9	40.5	18.4	40.5	18.4
	110	33.53	132.6	38.1	17.3	34.3	32.7	14.8	25.9	11.7	42.3	19.2	35.5	16.1	35.5	16.1
130' (39.62 m)	70	21.34	41.43	111.9	50.8	101.7	99.1	44.3	79.8	36.2	114.2	51.8	114.2	51.8	104.8	47.5
	80	24.38	68.9	86.4	39.2	78.4	75.2	34.1	61.4	27.9	93.7	42.5	80.9	36.7	80.9	36.7
	90	27.43	98.1	70.1	31.8	63.5	60.9	27.6	49.2	22.3	76.9	34.9	65.6	29.6	65.6	29.6
	100	30.48	128.1	58.4	26.5	52.8	50.9	22.9	40.6	18.4	64.5	29.3	54.5	24.7	54.5	24.7
	110	33.53	158.1	49.7	22.5	44.8	42.8	19.4	34.4	15.6	55.0	24.9	46.3	21.0	46.3	21.0
150' (45.72 m)	70	21.34	54.1	137.1	62.3	121.7	119.1	50.8	101.7	46.1	129.5	58.7	129.5	58.7	145.1	65.8
	80	24.38	81.7	101.7	45.9	93.7	91.1	41.1	80.9	36.2	114.2	51.8	104.8	47.5	104.8	47.5
	90	27.43	111.7	85.9	39.0	77.9	75.2	34.1	61.4	27.9	93.7	42.5	80.9	36.7	80.9	36.7
	100	30.48	141.7	69.6	31.6	63.0	60.3	27.4	48.7	22.1	76.4	34.7	65.0	29.5	65.0	29.5
	110	33.53	171.7	57.9	26.3	52.2	50.0	22.7	40.0	18.1	63.9	29.0	54.0	24.5	54.0	24.5
170' (51.82 m)	70	21.34	67.1	158.1	71.7	141.7	139.1	57.9	114.2	50.8	144.0	65.3	144.0	65.3	144.0	65.3
	80	24.38	94.7	121.7	60.3	101.7	99.1	44.3	80.9	36.2	114.2	51.8	104.8	47.5	104.8	47.5
	90	27.43	124.7	101.7	45.9	93.7	91.1	41.1	80.9	36.2	114.2	51.8	104.8	47.5	104.8	47.5
	100	30.48	154.7	85.9	39.0	77.9	75.2	34.1	61.4	27.9	93.7	42.5	80.9	36.7	80.9	36.7
	110	33.53	184.7	69.6	31.6	63.0	60.3	27.4	48.7	22.1	76.4	34.7	65.0	29.5	65.0	29.5
190' (57.92 m)	70	21.34	79.1	179.1	81.1	161.7	159.1	60.3	121.7	50.8	144.0	65.3	144.0	65.3	144.0	65.3
	80	24.38	106.7	142.7	64.7	114.7	112.1	50.8	101.7	46.1	129.5	58.7	129.5	58.7	145.1	65.8
	90	27.43	136.7	121.7	50.8	101.7	99.1	44.3	80.9	36.2	114.2	51.8	104.8	47.5	104.8	47.5
	100	30.48	166.7	105.9	47.9	93.7	91.1	41.1	80.9	36.2	114.2	51.8	104.8	47.5	104.8	47.5
	110	33.53	196.7	89.9	40.6	80.9	78.3	35.6	61.4	27.9	93.7	42.5	80.9	36.7	80.9	36.7
210' (64.02 m)	70	21.34	91.1	199.1	90.1	181.7	179.1	64.7	124.7	50.8	144.0	65.3	144.0	65.3	144.0	65.3
	80	24.38	118.7	154.7	70.1	121.7	119.1	50.8	101.7	46.1	129.5	58.7	129.5	58.7	145.1	65.8
	90	27.43	148.7	139.1	57.9	114.7	112.1	50.8	101.7	46.1	129.5	58.7	129.5	58.7	145.1	65.8
	100	30.48	178.7	121.7	45.9	93.7	91.1	41.1	80.9	36.2	114.2	51.8	104.8	47.5	104.8	47.5
	110	33.53	208.7	105.9	40.6	80.9	78.3	35.6	61.4	27.9	93.7	42.5	80.9	36.7	80.9	36.7
230' (70.12 m)	70	21.34	103.1	221.7	100.1	204.7	202.1	70.1	139.1	50.8	144.0	65.3	144.0	65.3	144.0	65.3
	80	24.38	130.7	166.7	80.1	141.7	139.1	60.3	121.7	50.8	144.0	65.3	144.0	65.3	144.0	65.3
	90	27.43	160.7	154.7	70.1	121.7	119.1	50.8	101.7	46.1	129.5	58.7	129.5	58.7	145.1	65.8
	100	30.48	190.7	139.1	57.9	114.7	112.1	50.8	101.7	46.1	129.5	58.7	129.5	58.7	145.1	65.8
	110	33.53	220.7	121.7	45.9	93.7	91.1	41.1	80.9	36.2	114.2	51.8	104.8	47.5	104.8	47.5
250' (76.22 m)	70	21.34	115.1	244.7	110.1	227.7	225.1	77.9	154.7	50.8	144.0	65.3	144.0	65.3	144.0	65.3
	80	24.38	142.7	181.7	90.1	154.7	152.1	70.1	139.1	50.8	144.0	65.3	144.0	65.3	144.0	65.3
	90	27.43	172.7	170.1	80.1	139.1	137.1	60.3	121.7	50.8	144.0	65.3	144.0	65.3	144.0	65.3
	100	30.48	202.7	158.1	67.9	121.7	119.1	50.8	101.7	46.1	129.5	58.7	129.5	58.7	145.1	65.8
	110	33.53	232.7	146.1	55.9	105.9	103.1	45.9	93.7	42.5	80.9	36.7	80.9	36.7	80.9	36.7
270' (82.32 m)	70	21.34	127.1	267.1	120.1	250.7	248.1	84.7	169.1	50.8	144.0	65.3	144.0	65.3	144.0	65.3
	80	24.38	154.7	202.7	100.1	170.1	168.1	70.1	139.1	50.8	144.0	65.3	144.0	65.3	144.0	65.3
	90	27.43	184.7	181.7	90.1	154.7	152.1	70.1	139.1	50.8	144.0	65.3	144.0	65.3	144.0	65.3
	100	30.48	214.7	169.1	77.9	139.1	137.1	60.3	121.7	50.8	144.0	65.3	144.0	65.3	144.0	65.3
	110	33.53	244.7	157.1	65.9	115.9	113.1	50.8	101.7	46.1	129.5	58.7	129.5	58.7	145.1	65.8
290' (88.42 m)	70	21.34	139.1	292.1	130.1	275.7	273.1	92.1	181.7	50.8	144.0	65.3	144.0	65.3	144.0	65.3
	80	24.38	166.7	227.7	110.1	187.1	185.1	80.1	154.7	50.8	144.0	65.3	144.0	65.3	144.0	65.3
	90	27.43	196.7	202.7	100.1	170.1	168.1	80.1	154.7	50.8	144.0	65.3	144.0	65.3	144.0	65.3
	100	30.48	226.7	181.7	87.9	154.7	152.1	70.1	139.1	50.8	144.0	65.3	144.0	65.3	144.0	65.3
	110	33.53	256.7	169.1	75.9	139.1	137.1	60.3	121.7	50.8	144.0	65.3	144.0	65.3	144.0	65.3
310' (94.52 m)	70	21.34	151.1	315.1	140.1	299.7	297.1	102.1	191.7	50.8	144.0	65.3	144.0	65.3	144.0	65.3
	80	24.38	178.7	240.7	120.1	214.7	212.1	90.1	170.1	50.8	144.0	65.3	144.0	65.3	144.0	65.3
	90	27.43	208.7	202.7	110.1	190.1	188.1	80.1	154.7	50.8	144.0	65.3	144.0	65.3	144.0	65.3
	100	30.48	238.7	190.1	97.9	170.1	168.1	80.1	154.7	50.8	144.0	65.3	144.0	65.3	144.0	65.3
	110	33.53	268.7	177.1	85.9	154.7	152.1	70.1	139.1	50.8	144.0	65.3	144.0	65.3	144.0	65.3
330' (100.62 m)	70	21.34	163.1	339.1	150.1	319.7	317.1	112.1	201.7	50.8	144.0	65.3	144.0	65.3	144.0	65.3
	80	24.38	190.7	264.7	130.1	234.7	232.1	100.1	181.7	50.8	144.0	65.3	144.0	65.3	144.0	65.3
	90	27.43	220.7	214.7	120.1	214.7	212.1	90.1	170.1	50.8	144.0	65.3	144.0	65.3	144.0	65.3
	100	30.48	250.7	202.7	110.1	190.1	188.1	80.1	154.7	50.8	144.0	65.3	144.0	65.3	144.0	65.3
	110	33.53	280.7	189.1	97.9	170.1	168.1	80.1	154.7	50.8	144.0	65.3	144.0	65.3	144.0	65.3
350' (106.72 m)	70	21.34	175.1	363.1	160.1	339.7	337.1	122.1	211.7	50.8	144.0	65.3	144.0	65.3	144.0	65.3
	80	24.38	202.7	289.7	140.1	259.7	257.1	110.1	191.7	50.8	144.0	65.3	144.0	65.3	144.0	65.3
	90	27.43	232.7	239.7	130.1	234.7	232.1	100.1	181.7	50.8	144.0	65.3	144.0	65.3	144.0	65.3
	100	30.48	262.7	227.7	120.1	214.7	212.1	90.1	170.1	50.8	144.0	65.3	144.0	65.3	144.0	65.3
	110	33.53	292.7	214.7	110.1	190.1	188.1	80.1	154.7	50.8	144.0	65.3	144.0	65.3	144.0	65.3
370' (112.82 m)	70	21.34	187.1	387.1	170.1	359.7	357.1	132.1	221.7	50.8	144.0	65.3	144.0	65.3	144.0	65.3
	80	24.38	214.7	304.7	150.1	279.7	277.1	120.1	191.7	50.8	144.0	65.3	144.0	65.3	144.0	65.3
	90	27.43	244.7	249.7	140.1	254.7	252.1	110.1	191.7	50.8	144.0	65.3	144.0	65.3	144.0	65.3
	100	30.48	274.7	237.7	130.1	234.7	232.1	100.1	181.7	50.8	144.0	65.3				



HC-268 lifting crane capacities

Refer to Notes page 7.

HC-268 open throat boom				Capacities ① on outriggers only											
Length	Radius Feet	Angle Deg.	Boom point height ② Feet	"AB" upper counterweight only			"A" upper and "A" bumper counterweights			"AB" upper and "A" bumper counterweights			"AB" upper and "A" bumper counterweights		
				Over rear	Over side and 360° swing ③	Over rear	Over rear	Over side and 360° swing ③	Over rear	Over rear	Over side and 360° swing ③	Over rear	Over rear	Over side and 360° swing ③	Over rear
				Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.
190' (57.91 m)	30	9.14	195	133.8*	133.8*	133.8*	60.7*	60.7*	133.8*	133.8*	60.7*	60.7*	133.8*	133.8*	60.7*
	35	10.67	194	130.4*	130.4*	130.4*	59.1*	59.1*	130.4*	130.4*	59.1*	59.1*	130.4*	130.4*	59.1*
	40	12.19	193	125.5*	125.5*	125.5*	56.9*	56.9*	125.5*	125.5*	56.9*	56.9*	125.5*	125.5*	56.9*
	50	15.24	191	110.3	100.1	100.1	45.4	45.4	96.1	88.3	41.1	41.1	111.4*	111.4*	50.5*
	60	18.29	188	84.7	76.7	76.7	34.8	34.8	73.9	66.8	33.5	33.5	90.7	90.7	41.1*
	70	21.34	185	68.4	61.8	61.8	28.0	28.0	59.1	52.9	26.8	26.8	75.0	75.0	34.4*
	80	24.38	181	56.6	50.9	50.9	23.1	23.1	48.7	42.6	22.1	22.1	62.6	62.6	29.6*
	90	27.43	176	47.8	42.9	42.9	19.5	19.5	41.0	35.4	18.6	18.6	53.1	53.1	25.6*
	100	30.48	170	41.1	37.1	37.1	16.8	16.8	35.4	30.6	16.1	16.1	45.7	45.7	22.5*
	110	33.53	164	36.1	32.2	32.2	14.6	14.6	30.6	26.7	13.9	13.9	39.9	39.9	19.9*
210' (64.01 m)	120	36.58	157	31.7	28.1	28.1	12.7	12.7	26.7	23.5	12.1	12.1	35.5	35.5	17.7*
	130	39.62	148	28.1	24.8	24.8	11.2	11.2	23.5	20.8	10.4	10.4	31.5	31.5	16.1*
	140	42.67	139	25.0	22.0	22.0	10.0	10.0	20.8	18.5	9.4	9.4	28.2	28.2	14.5*
	150	45.72	131	22.4	20.2	20.2	9.1	9.1	18.5	16.5	8.4	8.4	25.3	25.3	13.2*
	160	48.77	124	20.1	18.2	18.2	8.2	8.2	16.5	14.7	7.5	7.5	22.9	22.9	12.0*
	170	51.82	118	18.1	16.4	16.4	7.4	7.4	14.7	13.2	6.7	6.7	20.7	20.7	10.9*
	180	54.86	115	16.4	14.8	14.8	6.4	6.4	13.2	11.8	5.8	5.8	18.8	18.8	9.1*
	190	57.91	110	14.8	13.2	13.2	5.7	5.7	11.8	10.4	5.4	5.4	17.1	17.1	8.1*
	200	60.96	104	13.2	11.5	11.5	5.2	5.2	10.4	9.1	5.1	5.1	15.7	15.7	7.1*
	210	64.01	100	11.5	9.5	9.5	4.3	4.3	8.8	7.8	4.0	4.0	14.2	14.2	6.4*
230' (70.10 m)	36	10.97	234	91.0*	91.0*	91.0*	41.3*	41.3*	91.0*	91.0*	41.3*	41.3*	91.0*	91.0*	41.3*
	40	12.19	234	90.4*	90.4*	90.4*	41.0*	41.0*	90.4*	90.4*	41.0*	41.0*	90.4*	90.4*	41.0*
	50	15.24	232	87.1*	87.1*	87.1*	39.5*	39.5*	87.1*	87.1*	39.5*	39.5*	87.1*	87.1*	39.5*
	60	18.28	230	79.4*	79.4*	79.4*	36.0*	36.0*	79.4*	79.4*	36.0*	36.0*	79.4*	79.4*	36.0*
	70	21.33	227	71.1*	67.1	67.1	30.4	30.4	67.1	61.8	28.0	28.0	67.5*	67.5*	30.6*
	80	24.38	224	61.8	58.2	58.2	25.0	25.0	58.2	52.9	23.1	23.1	59.9*	59.9*	27.2*
	90	27.43	218	52.9	49.6	49.6	21.0	21.0	49.6	44.3	19.5	19.5	53.9*	53.9*	24.4*
	100	30.48	211	46.8	43.6	43.6	18.0	18.0	43.6	39.5	17.0	17.0	47.6*	47.6*	21.5*
	110	33.53	205	41.3	38.1	38.1	15.4	15.4	38.1	34.8	14.5	14.5	41.9*	41.9*	18.9*
	120	36.58	36.1	36.1	36.1	36.1	13.7	13.7	36.1	32.4	12.6	12.6	37.1*	37.1*	16.8*
250' (76.20 m)	130	39.62	33.5	33.5	33.5	33.5	12.2	12.2	33.5	30.3	11.5	11.5	33.6*	33.6*	15.2*
	140	42.67	30.9	30.9	30.9	30.9	10.7	10.7	30.9	28.7	10.0	10.0	30.1*	30.1*	13.6*
	150	45.72	28.4	28.4	28.4	28.4	9.5	9.5	28.4	26.8	9.0	9.0	27.1*	27.1*	12.3*
	160	48.77	26.1	26.1	26.1	26.1	8.5	8.5	26.1	25.3	8.2	8.2	25.7*	25.7*	11.7*
	170	51.82	24.0	24.0	24.0	24.0	7.7	7.7	24.0	23.9	7.4	7.4	24.5*	24.5*	11.1*
	180	54.86	22.1	22.1	22.1	22.1	7.0	7.0	22.1	22.9	6.7	6.7	23.1*	23.1*	10.6*
	190	57.91	20.4	20.4	20.4	20.4	6.4	6.4	20.4	21.9	6.1	6.1	21.7*	21.7*	10.1*
	200	60.96	18.8	18.8	18.8	18.8	5.8	5.8	18.8	20.9	5.5	5.5	20.2*	20.2*	9.6*
	210	64.01	17.3	17.3	17.3	17.3	5.2	5.2	17.3	19.9	5.1	5.1	19.0*	19.0*	9.1*
	220	67.06	15.8	15.8	15.8	15.8	4.6	4.6	15.8	18.9	4.5	4.5	18.1*	18.1*	8.6*
	230	70.10	14.3	14.3	14.3	14.3	4.0	4.0	14.3	17.9	4.0	4.0	17.1*	17.1*	8.1*

(continued)

① Capacities shown in thousands of pounds and kilograms.
 ② Measured vertically from center of boom head sheaves to ground with machine standing on tires.
 ③ Capacities for 360° swing applicable only when front center jack and front and rear outriggers are set in proper working position.



HC-268 lifting crane capacities

Refer to Notes page 7.

HC-268 open throat boom				Capacities ① on outriggers only																	
Length	Radius Feet	Angle Deg.	Boom point height Feet	"AB" upper counterweight only			"A" upper and "A" bumper counterweights			"AB" upper and "AB" bumper counterweights			"AB" upper and "AB" bumper counterweights								
				Over rear			Over side and 360° swing ③			Over rear			Over side and 360° swing ③			Over rear			Over side and 360° swing ③		
				Lbs.	kg	swing ③	Lbs.	kg	swing ③	Lbs.	kg	swing ③	Lbs.	kg	swing ③	Lbs.	kg	swing ③	Lbs.	kg	swing ③
230' (70.10 m)	170	51.82	165'	16.7	7.5	14.2	6.4	13.3	6.0	19.3	8.7	15.0	6.8	22.2	10.0	16.0	7.2				
	180	54.86	154'	14.9	6.7	12.6	5.7	11.7	5.3	17.4	7.8	13.3	6.0	20.1	9.1	14.3	6.4				
	190	57.91	141'	13.4	6.0	11.2	5.0	10.4	4.6	15.7	7.1	11.9	5.3	18.3	8.3	12.8	5.7				
	200	60.96	128'	12.0	5.4	9.9	4.5	9.1	4.1	14.2	6.4	10.6	4.7	16.7	7.5	11.4	5.1				
	210	64.01	107'	10.7	4.8	8.8	3.9	8.0	3.6	12.8	5.8	9.4	4.2	15.1	6.8	10.2	4.6				
	220	67.06	84'	9.6	4.3	7.8	3.5	7.1	3.1	11.8	5.2	8.4	3.2	13.6	6.2	9.1	4.1				
	230	70.10	65'	8.6	3.9	6.9	3.1	6.2	2.7	10.5	4.7	7.4	3.3	12.1	5.6	8.1	3.6				
	38	11.58	254'	77.68	75.0*	34.0*	75.0*	34.0*	75.0*	34.0*	75.0*	34.0*	75.0*	34.0*	75.0*	34.0*	75.0*	34.0*			
	50	15.24	252'	77.07	71.2*	32.3*	71.2*	32.3*	71.2*	32.3*	69.9*	31.7*	69.9*	31.7*	69.9*	31.7*	69.9*	31.7*			
	60	18.29	250'	76.93	69.9*	31.7*	69.9*	31.7*	69.9*	31.7*	64.7*	29.3*	61.8*	29.3*	64.7*	29.3*	61.8*	29.3*			
250' (76.20 m)	170	51.82	165'	16.7	7.5	14.2	6.4	13.3	6.0	19.3	8.7	15.0	6.8	22.2	10.0	16.0	7.2				
	180	54.86	154'	14.9	6.7	12.6	5.7	11.7	5.3	17.4	7.8	13.3	6.0	20.1	9.1	14.3	6.4				
	190	57.91	141'	13.4	6.0	11.2	5.0	10.4	4.6	15.7	7.1	11.9	5.3	18.3	8.3	12.8	5.7				
	200	60.96	128'	12.0	5.4	9.9	4.5	9.1	4.1	14.2	6.4	10.6	4.7	16.7	7.5	11.4	5.1				
	210	64.01	107'	10.7	4.8	8.8	3.9	8.0	3.6	12.8	5.8	9.4	4.2	15.1	6.8	10.2	4.6				
	220	67.06	84'	9.6	4.3	7.8	3.5	7.1	3.1	11.8	5.2	8.4	3.2	13.6	6.2	9.1	4.1				
	230	70.10	65'	8.6	3.9	6.9	3.1	6.2	2.7	10.5	4.7	7.4	3.3	12.1	5.6	8.1	3.6				
	38	11.58	254'	77.68	75.0*	34.0*	75.0*	34.0*	75.0*	34.0*	75.0*	34.0*	75.0*	34.0*	75.0*	34.0*	75.0*	34.0*			
	50	15.24	252'	77.07	71.2*	32.3*	71.2*	32.3*	71.2*	32.3*	69.9*	31.7*	69.9*	31.7*	69.9*	31.7*	69.9*	31.7*			
	60	18.29	250'	76.93	69.9*	31.7*	69.9*	31.7*	69.9*	31.7*	64.7*	29.3*	61.8*	29.3*	64.7*	29.3*	61.8*	29.3*			
270' (82.30 m)	170	51.82	165'	16.7	7.5	14.2	6.4	13.3	6.0	19.3	8.7	15.0	6.8	22.2	10.0	16.0	7.2				
	180	54.86	154'	14.9	6.7	12.6	5.7	11.7	5.3	17.4	7.8	13.3	6.0	20.1	9.1	14.3	6.4				
	190	57.91	141'	13.4	6.0	11.2	5.0	10.4	4.6	15.7	7.1	11.9	5.3	18.3	8.3	12.8	5.7				
	200	60.96	128'	12.0	5.4	9.9	4.5	9.1	4.1	14.2	6.4	10.6	4.7	16.7	7.5	11.4	5.1				
	210	64.01	107'	10.7	4.8	8.8	3.9	8.0	3.6	12.8	5.8	9.4	4.2	15.1	6.8	10.2	4.6				
	220	67.06	84'	9.6	4.3	7.8	3.5	7.1	3.1	11.8	5.2	8.4	3.2	13.6	6.2	9.1	4.1				
	230	70.10	65'	8.6	3.9	6.9	3.1	6.2	2.7	10.5	4.7	7.4	3.3	12.1	5.6	8.1	3.6				
	38	11.58	254'	77.68	75.0*	34.0*	75.0*	34.0*	75.0*	34.0*	75.0*	34.0*	75.0*	34.0*	75.0*	34.0*	75.0*	34.0*			
	50	15.24	252'	77.07	71.2*	32.3*	71.2*	32.3*	71.2*	32.3*	69.9*	31.7*	69.9*	31.7*	69.9*	31.7*	69.9*	31.7*			
	60	18.29	250'	76.93	69.9*	31.7*	69.9*	31.7*	69.9*	31.7*	64.7*	29.3*	61.8*	29.3*	64.7*	29.3*	61.8*	29.3*			

(continued)

① Capacities shown in thousands of pounds and kilograms.
 ② Measured vertically from center of boom head sheaves to ground with machine standing on tires.
 ③ Capacities for 360° swing applicable only when front center jack and front and rear outriggers are set in proper working position.



HC-268 lifting crane capacities

Refer to Notes page 7.

HC-268 open throat boom				Capacities ③ on outriggers only											
Length	Radius Feet	Angle Deg.	Boom point height ② Feet	"AB" upper counterweight only			"A" upper and "A" bumper counterweights			"AB" upper and "A" bumper counterweights			"AB" upper and "AB" bumper counterweights		
				Over rear	Over side and 360° swing ③	Lbs.	Over rear	Over side and 360° swing ③	Lbs.	Over rear	Over side and 360° swing ③	Lbs.	Over rear	Over side and 360° swing ③	Lbs.
270' (82.30 m)	44	13.41	294' 5"	50.7*	50.7*	23.0*	50.7*	50.7*	23.0*	50.7*	50.7*	23.0*	50.7*	50.7*	23.0*
	50	15.24	293' 6"	49.8*	49.8*	22.6*	49.8*	49.8*	22.6*	49.8*	49.8*	22.6*	49.8*	49.8*	22.6*
	60	18.28	291' 8"	48.8*	48.8*	22.2*	48.8*	48.8*	22.2*	48.8*	48.8*	22.2*	48.8*	48.8*	22.2*
	70	21.33	289' 6"	45.2*	45.2*	20.5*	45.2*	45.2*	20.5*	45.2*	45.2*	20.5*	45.2*	45.2*	20.5*
	80	24.38	286' 11"	41.8*	41.8*	19.0*	41.8*	41.8*	19.0*	41.8*	41.8*	19.0*	41.8*	41.8*	19.0*
	90	27.43	284' 0"	38.7*	38.7*	17.5*	38.7*	38.7*	17.5*	38.7*	38.7*	17.5*	38.7*	38.7*	17.5*
	100	30.48	280' 7"	34.0*	34.0*	15.4*	34.0*	34.0*	15.4*	34.0*	34.0*	15.4*	34.0*	34.0*	15.4*
	110	33.53	276' 11"	28.6*	28.6*	12.9*	28.6*	28.6*	12.9*	28.6*	28.6*	12.9*	28.6*	28.6*	12.9*
	120	36.58	272' 8"	24.5*	24.5*	11.1*	24.5*	24.5*	11.1*	24.5*	24.5*	11.1*	24.5*	24.5*	11.1*
	130	39.62	268' 1"	21.2*	21.2*	9.5*	21.2*	21.2*	9.5*	21.2*	21.2*	9.5*	21.2*	21.2*	9.5*
290' (88.39 m)	140	42.67	263' 0"	18.3*	18.3*	8.3*	18.3*	18.3*	8.3*	18.3*	18.3*	8.3*	18.3*	18.3*	8.3*
	150	45.72	259' 5"	16.7*	16.7*	7.7*	16.7*	16.7*	7.7*	16.7*	16.7*	7.7*	16.7*	16.7*	7.7*
	160	48.77	255' 2"	15.1*	15.1*	7.1*	15.1*	15.1*	7.1*	15.1*	15.1*	7.1*	15.1*	15.1*	7.1*
	170	51.82	251' 6"	13.7*	13.7*	6.6*	13.7*	13.7*	6.6*	13.7*	13.7*	6.6*	13.7*	13.7*	6.6*
	180	54.86	247' 1"	12.5*	12.5*	6.1*	12.5*	12.5*	6.1*	12.5*	12.5*	6.1*	12.5*	12.5*	6.1*
	190	57.91	243' 1"	11.0*	11.0*	5.6*	11.0*	11.0*	5.6*	11.0*	11.0*	5.6*	11.0*	11.0*	5.6*
	200	60.96	239' 4"	9.6*	9.6*	5.1*	9.6*	9.6*	5.1*	9.6*	9.6*	5.1*	9.6*	9.6*	5.1*
	210	64.01	235' 7"	8.4*	8.4*	4.7*	8.4*	8.4*	4.7*	8.4*	8.4*	4.7*	8.4*	8.4*	4.7*
	220	67.06	231' 11"	7.2*	7.2*	4.3*	7.2*	7.2*	4.3*	7.2*	7.2*	4.3*	7.2*	7.2*	4.3*
	230	70.10	227' 8"	6.2*	6.2*	4.0*	6.2*	6.2*	4.0*	6.2*	6.2*	4.0*	6.2*	6.2*	4.0*
310' (94.48 m)	240	73.15	224' 8"	5.3*	5.3*	3.6*	5.3*	5.3*	3.6*	5.3*	5.3*	3.6*	5.3*	5.3*	3.6*
	250	76.20	220' 7"	4.4*	4.4*	3.2*	4.4*	4.4*	3.2*	4.4*	4.4*	3.2*	4.4*	4.4*	3.2*
	260	79.25	216' 11"	3.6*	3.6*	2.8*	3.6*	3.6*	2.8*	3.6*	3.6*	2.8*	3.6*	3.6*	2.8*
	270	82.30	212' 11"	2.9*	2.9*	2.3*	2.9*	2.9*	2.3*	2.9*	2.9*	2.3*	2.9*	2.9*	2.3*
	280	85.34	208' 8"	2.3*	2.3*	1.9*	2.3*	2.3*	1.9*	2.3*	2.3*	1.9*	2.3*	2.3*	1.9*
	290	88.39	204' 0"	1.9*	1.9*	1.5*	1.9*	1.9*	1.5*	1.9*	1.9*	1.5*	1.9*	1.9*	1.5*
	300	91.44	200' 0"	1.5*	1.5*	1.1*	1.5*	1.5*	1.1*	1.5*	1.5*	1.1*	1.5*	1.5*	1.1*
	310	94.48	196' 0"	1.1*	1.1*	0.8*	1.1*	1.1*	0.8*	1.1*	1.1*	0.8*	1.1*	1.1*	0.8*
	320	97.53	191' 8"	0.8*	0.8*	0.6*	0.8*	0.8*	0.6*	0.8*	0.8*	0.6*	0.8*	0.8*	0.6*
	330	100.58	187' 11"	0.6*	0.6*	0.4*	0.6*	0.6*	0.4*	0.6*	0.6*	0.4*	0.6*	0.6*	0.4*

(continued)

① Capacities shown in thousands of pounds and kilograms.
 ② Measured vertically from center of boom head sheaves to ground with machine standing on tires.
 ③ Capacities for 360° swing applicable only when front center jack and front and rear outriggers are set in proper working position.

GENERAL INFORMATION ONLY

- 6 -



HC-268 lifting crane capacities

HC-268 open throat boom				Capacities ① on outriggers only											
Length	Radius Feet	Angle Deg.	Boom point height ② Feet	"AB" upper counterweight only			"A" upper and "A" bumper counterweights			"AB" upper and "AB" bumper counterweights			Over side and 360° swing ③		
				Over rear	Over side and 360° swing ③	Over rear	Over rear	Over side and 360° swing ③	Over rear	Over rear	Over side and 360° swing ③	Over rear	Over rear	Over side and 360° swing ③	Over rear
				Lbs.	kg	Lbs.	kg	Lbs.	kg	Lbs.	kg	Lbs.	kg	Lbs.	kg
310' (94.48 m)	260	79.25	34.1	180' 11"	55.14	180' 11"	55.14	180' 11"	55.14	180' 11"	55.14	180' 11"	55.14	180' 11"	55.14
	270	82.30	30.6	165' 1"	50.32	165' 1"	50.32	165' 1"	50.32	165' 1"	50.32	165' 1"	50.32	165' 1"	50.32
	280	85.34	26.7	146' 10"	44.75	146' 10"	44.75	146' 10"	44.75	146' 10"	44.75	146' 10"	44.75	146' 10"	44.75
	290	88.39	22.3	124' 11"	38.06	124' 11"	38.06	124' 11"	38.06	124' 11"	38.06	124' 11"	38.06	124' 11"	38.06
	300	91.44	16.8	96' 8"	29.47	96' 8"	29.47	96' 8"	29.47	96' 8"	29.47	96' 8"	29.47	96' 8"	29.47
330' (100.58 m)	310	94.48	8.2	51' 6"	15.69	51' 6"	15.69	51' 6"	15.69	51' 6"	15.69	51' 6"	15.69	51' 6"	15.69
	50	15.24	81.8	334' 0"	101.79	334' 0"	101.79	334' 0"	101.79	334' 0"	101.79	334' 0"	101.79	334' 0"	101.79
	60	18.28	80.1	332' 5"	101.30	332' 5"	101.30	332' 5"	101.30	332' 5"	101.30	332' 5"	101.30	332' 5"	101.30
	70	21.33	78.3	330' 6"	100.72	330' 6"	100.72	330' 6"	100.72	330' 6"	100.72	330' 6"	100.72	330' 6"	100.72
	80	24.38	76.5	328' 2"	100.04	328' 2"	100.04	328' 2"	100.04	328' 2"	100.04	328' 2"	100.04	328' 2"	100.04
	90	27.43	74.7	325' 8"	99.26	325' 8"	99.26	325' 8"	99.26	325' 8"	99.26	325' 8"	99.26	325' 8"	99.26
	100	30.48	72.9	322' 10"	98.38	322' 10"	98.38	322' 10"	98.38	322' 10"	98.38	322' 10"	98.38	322' 10"	98.38
	110	33.53	71.1	319' 6"	97.39	319' 6"	97.39	319' 6"	97.39	319' 6"	97.39	319' 6"	97.39	319' 6"	97.39
	120	36.58	69.3	315' 11"	96.29	315' 11"	96.29	315' 11"	96.29	315' 11"	96.29	315' 11"	96.29	315' 11"	96.29
	130	39.62	67.4	311' 9"	95.08	311' 9"	95.08	311' 9"	95.08	311' 9"	95.08	311' 9"	95.08	311' 9"	95.08
	140	42.67	65.5	307' 7"	93.75	307' 7"	93.75	307' 7"	93.75	307' 7"	93.75	307' 7"	93.75	307' 7"	93.75
	150	45.72	63.6	302' 10"	92.30	302' 10"	92.30	302' 10"	92.30	302' 10"	92.30	302' 10"	92.30	302' 10"	92.30
	160	48.77	61.6	297' 7"	90.72	297' 7"	90.72	297' 7"	90.72	297' 7"	90.72	297' 7"	90.72	297' 7"	90.72
	170	51.82	59.6	292' 0"	89.01	292' 0"	89.01	292' 0"	89.01	292' 0"	89.01	292' 0"	89.01	292' 0"	89.01
	180	54.86	57.6	285' 11"	87.15	285' 11"	87.15	285' 11"	87.15	285' 11"	87.15	285' 11"	87.15	285' 11"	87.15
	190	57.91	55.5	279' 4"	85.13	279' 4"	85.13	279' 4"	85.13	279' 4"	85.13	279' 4"	85.13	279' 4"	85.13
	200	60.96	53.4	272' 2"	82.96	272' 2"	82.96	272' 2"	82.96	272' 2"	82.96	272' 2"	82.96	272' 2"	82.96
	210	64.01	51.2	264' 5"	80.60	264' 5"	80.60	264' 5"	80.60	264' 5"	80.60	264' 5"	80.60	264' 5"	80.60
	220	67.06	48.9	256' 1"	78.05	256' 1"	78.05	256' 1"	78.05	256' 1"	78.05	256' 1"	78.05	256' 1"	78.05
	230	70.10	46.6	247' 0"	75.28	247' 0"	75.28	247' 0"	75.28	247' 0"	75.28	247' 0"	75.28	247' 0"	75.28
	240	73.15	44.1	237' 1"	72.27	237' 1"	72.27	237' 1"	72.27	237' 1"	72.27	237' 1"	72.27	237' 1"	72.27
	250	76.20	41.6	226' 4"	69.08	226' 4"	69.08	226' 4"	69.08	226' 4"	69.08	226' 4"	69.08	226' 4"	69.08
	260	79.25	38.9	214' 6"	65.38	214' 6"	65.38	214' 6"	65.38	214' 6"	65.38	214' 6"	65.38	214' 6"	65.38
	270	82.30	36.0	210' 6"	61.40	210' 6"	61.40	210' 6"	61.40	210' 6"	61.40	210' 6"	61.40	210' 6"	61.40
	280	85.34	33.0	198' 11"	56.97	198' 11"	56.97	198' 11"	56.97	198' 11"	56.97	198' 11"	56.97	198' 11"	56.97
	290	88.39	29.6	170' 6"	51.96	170' 6"	51.96	170' 6"	51.96	170' 6"	51.96	170' 6"	51.96	170' 6"	51.96

① Capacities shown in thousands of pounds and kilograms.

② Measured vertically from center of boom head sheaves to ground with machine standing on tires.

③ Capacities for 360° swing applicable only when front center jack and rear outriggers are set in proper working position.

Notes — lifting crane capacities

- The capacities included in this chart are the maximum allowable, and are based on machine standing level on firm supporting surface under ideal job conditions. Capacities are based on 85% of minimum tipping loads unless marked with an asterisk (*). Asterisk indicates capacities are based on factors other than those which would cause a tipping condition.
- Capacities are based on freely suspended loads and make no allowance for such factors as the effect of wind, supporting surface conditions, inflation of tires, and operating speeds. Operator must reduce load ratings accordingly to take such condition into account. Deduction from rated capacities must be made for weight of jib, hook block, ball/hook, sling, spreader bar or other suspended gear.
- Boom midpoint suspension pendants required for boom lengths exceeding 240' (73.15 m).
- For lifting 500,000 lb. (226,800 kg) capacity, 14-part load hoist line (1-1/8" - 29mm - diameter, Type "N" wire rope) is required.

Use hanger block.

5. Jib cannot be used on boom longer than 300' (91.44 m).

6. Refer to charts page 1 when rigging machine with boom and boom plus jib.

7. Machine equipped with "A" or "AB" upper counterweight — do not swing over side until outriggers have been set.

8. Boom live mast must be used for all capacities on this chart.

9. Boom live mast may be used as short boom for machine assembly/disassembly only — it is not to be used for general lift crane service.

a. Maximum lifting capacity of mast is 85,000 lbs. (38,556 kg) from 12' (3.66 m) to 28' (8.53 m) maximum radius with machine on outriggers (front and rear).

b. Minimum 3-part load hoist line — 1" (25 mm) or 1-1/8" (29 mm) diameter, Type "N" wire rope — off rear main operating drum only — required to lift 85,000 lbs. (38,556 kg).

10. Least stable position is over side.

11. When handling loads on main load hoist line, with jib mounted on boom, reduce rated boom capacities as follows to compensate for jib weights —
30' (9.14 m) — 2,600 lbs. (1,179 kg)
50' (15.24 m) — 3,300 lbs. (1,496 kg)
70' (21.34 m) — 4,000 lbs. (1,814 kg)
90' (27.43 m) — 4,700 lbs. (2,132 kg)

12. Refer to operator's manual for boom make up and counterweighting instructions.

13. When making lift on outriggers, machine must be level and supported on fully extended and set outriggers with tires free of supporting surface.

14. Capacities apply only to the machine as originally manufactured and normally equipped by Link-Belt Construction Equipment Company.

(continued)



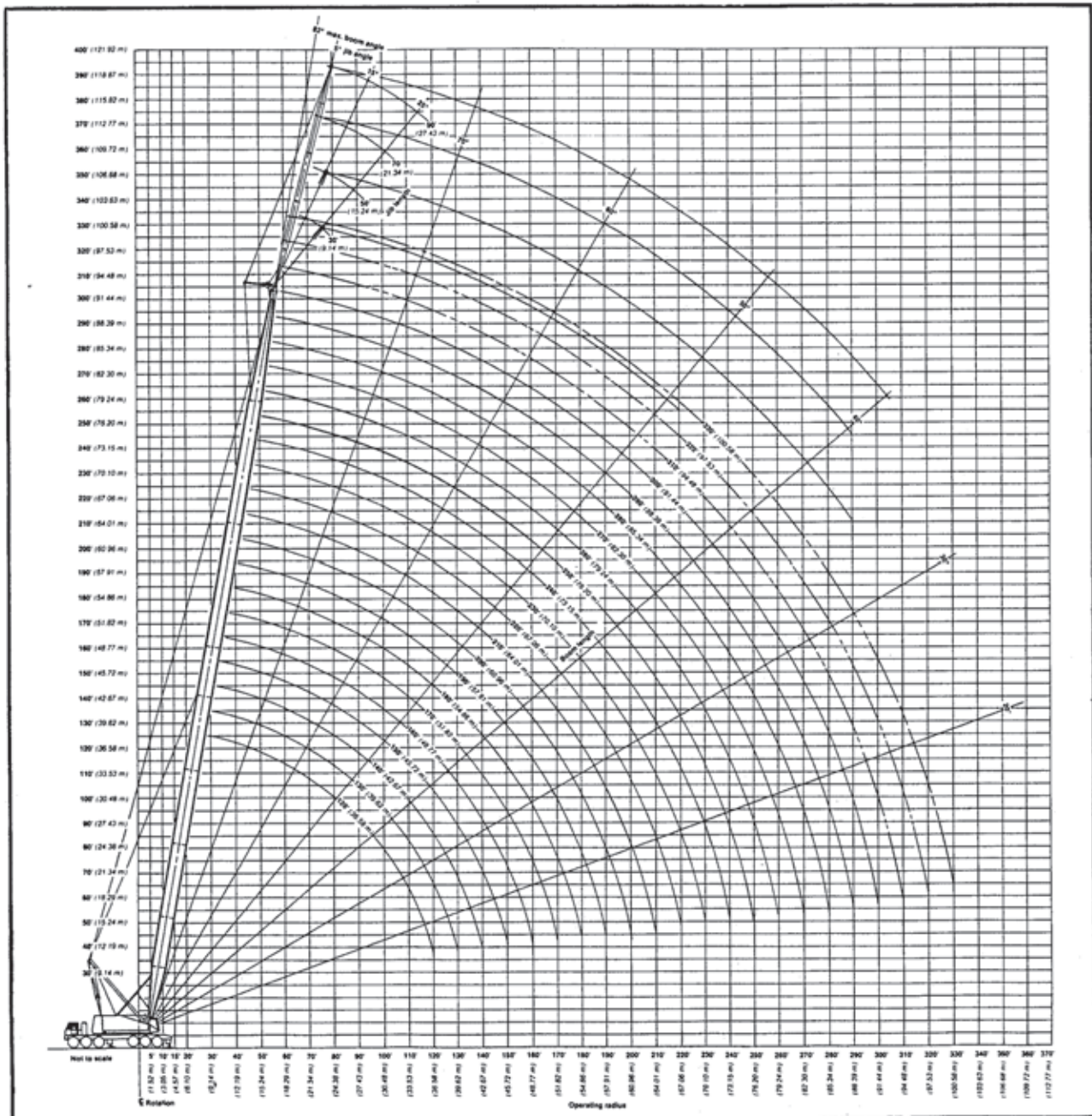
HC-268 lifting crane capacities — open throat boom

Boom — tubular; 80" (2.03 m) wide, 68" (1.73 m) deep with open throat top section, 1½" (32 mm) diameter boom pendants, boom live mast, and boom midpoint suspension pendants as required.

Jib — tubular; 32" (0.81 m) wide, 24" (0.61 m) deep.

Mounting — rubber tire mobile base: Link-Belt; 12 x 6 drive, 288" (7.32 m) wheelbase, 11' 10" (3.61 m) wide.

Counterweights — Refer to charts page 1.



© Link-Belt is a registered trademark. Copyright 1994.

We are constantly improving our products and therefore reserve the right to change designs and specifications.

Link-Belt Construction Equipment Company Lexington, Kentucky

A unit of Sumitomo Construction Machinery Co., Ltd.

GENERAL INFORMATION ONLY

FOR REFERENCE USE ONLY!

Please consult Reliable Crane Service for more information.

702-400-2516 or 702-525-0840
sales@reliablecraneservice.com

**Link-Belt® HC-268 jib capacities — open throat boom (U.S. units)**

Refer to Notes page 5.

Boom — tubular; 80" (2.03 m) wide, 68" (1.73 m) deep with open throat top section, 1 1/4" (32 mm) diameter boom pendants, boom live mast, and boom midpoint suspension pendants as required.

Jib — tubular; 32" (0.81 m) wide, 24" (0.61 m) deep.

Mounting — rubber tire mobile base, LINK-BELT; 12 x 6 drive, 288" (7.32 m) wheelbase, 11' 10" (3.61 m) wide.

Counterweights — 85,000 lbs. (38 556 kg) "AB" upper and 11,400 lbs. (5 171 kg) "A" bumper for boom lengths 60' (18.29 m) through 260' (85.34 m); 85,000 lbs. (38 556 kg) "AB" upper and 26,700 lbs. (12 111 kg) "AB" bumper counterweight for boom lengths 290' (88.39 m) through 300' (91.44 m).

Boom length	Load radius	Capacities ①— over side and 360° swing											
		30' jib			50' jib			70' jib			90' jib		
		Jib angles to boom (jib offset degrees)											
		5°	15°	25°	5°	15°	25°	5°	15°	25°	5°	15°	25°
Feet	Feet	Pounds			Pounds			Pounds			Pounds		
60'	19	40.0*											
	20	40.0*			32.0*								
	25	40.0*			32.0*								
	30	40.0*	40.0*		32.0*			21.8*					
	35	40.0*	40.0*	40.0*	32.0*	31.5*		21.5*			13.8*		
	40	40.0*	40.0*	40.0*	32.0*	30.8*	29.4*	21.1*	20.4*		13.5*		
	50	40.0*	40.0*	36.9*	30.8*	29.4*	26.5*	20.4*	19.5*	18.4*	12.9*	12.2*	
	60	40.0*	38.6*	36.2*	29.4*	28.8*	23.2*	19.5*	18.5*	17.5*	12.3*	11.4*	
	70	37.8*	36.9*	32.6*	28.7*	25.7*	20.7*	18.5*	17.7*	15.5*	11.4*	10.6*	10.2*
	80	36.9*	34.1*		26.9*	22.8*	18.8*	17.7*	16.9*	14.0*	10.6*	10.2*	9.9*
	90				23.7*	20.6*	17.3*	16.8*	15.6*	12.7*	10.2*	9.9*	9.6*
	100				21.2*	18.9*		15.8*	14.1*	11.7*	9.9*	9.6*	9.1*
	110							14.9*	13.0*	10.9*	9.5*	9.2*	8.4*
	120							13.8*	12.0*		9.1*	8.8*	7.8*
130										8.6*	8.1*	7.4*	
140										7.8*			
70'	20	40.0*			32.0*								
	25	40.0*	40.0*		32.0*								
	30	40.0*	40.0*	40.0*	32.0*			21.9*					
	35	40.0*	40.0*	40.0*	32.0*	31.7*		21.6*			13.9*		
	40	40.0*	40.0*	40.0*	32.0*	31.1*		21.3*			13.6*		
	50	40.0*	40.0*	37.9*	31.3*	29.8*	27.4*	20.6*	19.7*		13.0*	12.3*	
	60	40.0*	40.0*	36.8*	30.0*	29.0*	24.1*	19.8*	18.0*	17.0*	12.5*	11.6*	
	70	40.0*	36.9*	34.4*	29.1*	27.3*	21.6*	18.9*	18.0*	16.0*	11.7*	10.8*	10.2*
	80	36.9*	36.8*	31.6*	28.4*	24.3*	19.7*	18.1*	17.2*	14.5*	11.0*	10.3*	10.0*
	90	36.9*	33.4*		25.8*	21.9*	18.1*	17.3*	16.4*	13.2*	10.3*	10.0*	9.7*
	100				23.0*	20.1*	16.9*	16.5*	14.9*	12.2*	10.0*	9.7*	9.4*
	110				20.9*			15.6*	13.7*	11.4*	9.7*	9.4*	8.7*
	120							14.8*	12.7*	10.7*	9.4*	9.1*	8.1*
	130							13.6*			9.0*	8.6*	7.6*
140										8.5*	8.0*		
90'	25	40.0*			32.0*								
	30	40.0*	40.0*		32.0*								
	35	40.0*	40.0*	40.0*	32.0*			21.8*					
	40	40.0*	40.0*	40.0*	32.0*	31.5*		21.5*			13.8*		
	50	40.0*	40.0*	40.0*	32.0*	30.4*	28.8*	21.0*	20.0*		13.3*		
	60	40.0*	40.0*	36.7*	31.0*	29.4*	25.7*	20.4*	19.2*	18.1*	12.8*	11.9*	
	70	40.0*	40.0*	36.8*	29.9*	28.9*	23.2*	19.6*	18.4*	16.8*	12.2*	11.2*	10.3*
	80	40.0*	37.1*	34.8*	29.1*	27.0*	21.2*	18.8*	17.8*	15.3*	11.6*	10.5*	10.1*
	90	38.1*	36.8*	32.3*	28.6*	24.5*	19.6*	18.1*	17.2*	14.1*	10.9*	10.2*	9.8*
	100	36.9*	35.0*		26.8*	22.4*	18.3*	17.4*	16.4*	13.1*	10.3*	10.0*	9.6*
	110	34.8*			24.2*	20.7*	17.3*	16.7*	15.1*	12.2*	10.1*	9.7*	9.3*
	120				22.1*	19.3*		15.9*	14.0*	11.5*	9.8*	9.4*	8.7*
	130							15.1*	13.1*	10.9*	9.5*	9.1*	8.1*
	140				20.4*			14.3*	12.3*		9.2*	8.8*	7.7*
150							13.4*			8.8*	8.3*	7.3*	
160										8.3*	7.7*		
170										7.6*			
110'	30	40.0*			32.0*			21.9*					
	35	40.0*	40.0*		32.0*			21.7*					
	40	40.0*	40.0*	40.0*	32.0*	31.8*		21.2*			13.9*		
	50	40.0*	40.0*	40.0*	32.0*	30.9*	29.3*	21.2*	20.2*		13.5*		
	60	40.0*	40.0*	39.1*	31.7*	29.9*	27.0*	20.7*	19.5*	18.3*	13.0*	12.1*	10.4*
	70	40.0*	40.0*	36.7*	30.8*	29.2*	24.5*	20.1*	18.9*	17.5*	12.6*	11.5*	10.2*
	80	40.0*	40.0*	36.8*	29.8*	28.8*	22.6*	19.4*	18.2*	16.1*	12.0*	10.9*	10.2*
	90	40.0*	37.6*	35.0*	29.1*	26.8*	20.9*	18.7*	17.7*	14.9*	11.4*	10.4*	10.0*
	100	39.6*	36.8*	32.8*	28.6*	24.6*	19.6*	18.1*	17.1*	13.8*	10.8*	10.2*	9.8*
	110	36.2*	36.3*	31.1*	27.6*	22.7*	18.4*	17.5*	16.4*	12.9*	10.3*	9.9*	9.5*
	120	32.1*	32.1*		25.1*	21.2*	17.5*	16.9*	15.2*	12.2*	10.1*	9.7*	9.1*
	130	28.6*			23.1*	19.9*		16.2*	14.2*	11.6*	9.9*	9.5*	8.6*
	140				21.4*	18.8*		15.5*	13.4*	11.0*	9.6*	9.2*	8.1*
	150				20.0*			14.9*	12.6*		9.3*	8.9*	7.7*

① Capacities shown in thousand pounds.

(Continued)

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

CR1589 8833.5

— 1 —

Printed in U.S.A.



HC-268 jib capacities — open throat boom (U.S. units)

Refer to Notes page 5.

Boom length	Load radius	Capacities ① — over side and 360° swing											
		30' jib			50' jib			70' jib			90' jib		
		Jib angles to boom (jib offset degrees)											
		5°	15°	25°	5°	15°	25°	5°	15°	25°	5°	15°	25°
Feet	Feet	Pounds			Pounds			Pounds			Pounds		
110'	160							14.0*	12.0*		9.0*	8.5*	7.4*
	170							13.2*			8.6*	8.0*	
	180										8.1		
130'	30	40.0*											
	35	40.0*	40.0*										
	40	40.0*	40.0*	40.0*	32.0*			21.8*					
	50	40.0*	40.0*	40.0*	32.0*	31.2*	29.4*	21.4*	20.4*		13.6*		
	60	40.0*	40.0*	40.0*	32.0*	30.4*	28.1*	21.0*	19.8*	18.4*	13.2*	12.3*	
	70	40.0*	40.0*	30.0*	31.4*	29.6*	25.7*	20.5*	19.2*	18.0*	12.8*	11.7*	
	80	40.0*	40.0*	36.7*	30.6*	29.1*	23.8*	19.9*	18.6*	16.7*	12.4*	11.2*	10.3*
	90	40.0*	40.0*	36.7*	29.7*	28.7*	22.1*	19.3*	18.1*	15.5*	11.9*	10.6*	10.1*
	100	40.0*	37.9*	35.1*	29.1*	26.6*	20.7*	18.7*	17.6*	14.5*	11.3*	10.3*	9.9*
	110	35.6	35.8	33.2*	27.8*	24.7*	19.5*	18.1*	17.0*	13.6*	10.7*	10.1*	9.7*
	120	31.5	31.6	31.6*	26.1*	23.0*	18.5*	17.6*	16.3*	12.9*	10.3*	9.9*	9.5*
	130	28.0	28.0		24.6*	21.6*	17.7*	17.0*	15.3*	12.2*	10.1*	9.7*	9.0*
	140	25.1			23.3*	20.4*	16.9*	16.4*	14.4*	11.6*	9.9*	9.5*	8.5*
	150	22.6			22.1*	19.3*		15.8*	13.6*	11.1*	9.7*	9.2*	8.1*
	160				21.0*			15.1*	12.9*	10.7*	9.4*	9.0*	7.8*
	170				19.2			14.3*	12.3*		9.2*	8.6*	7.5*
	180							13.6*			8.9*	8.2*	7.2*
	190										8.4*	7.8*	
	200										7.9*		
	150'	35	40.0*										
40		40.0*	40.0*										
50		40.0*	40.0*	40.0*	32.0*	31.5*		21.6*	20.0*		13.8*		
60		40.0*	40.0*	40.0*	32.0*	30.8*	29.0*	21.2*			13.4*	12.4*	
70		40.0*	40.0*	39.7*	31.9*	30.0*	26.7*	20.8*	19.5*	18.1*	13.0*	11.9*	
80		40.0*	40.0*	37.1*	31.2*	29.4*	24.8*	20.3*	18.9*	17.3*	12.7*	11.4*	10.3*
90		40.0*	40.0*	36.7*	30.4*	29.0*	23.1*	19.8*	18.4*	16.1*	12.2*	10.9*	10.2*
100		39.8	40.0*	36.7*	29.6*	28.6*	21.7*	19.2*	17.9*	15.1*	11.7*	10.4*	10.0*
110		35.0	35.3	35.2*	27.9*	26.5*	20.5*	18.6*	17.5*	14.2*	11.2*	10.3*	9.8*
120		30.8	31.0	31.3	26.2*	24.7*	19.5*	18.1*	17.0*	13.4*	10.7*	10.1*	9.6*
130		27.4	27.5	27.7	24.6*	23.2*	18.6*	17.6*	16.3*	12.8*	10.3*	9.9*	9.4
140		24.4	24.5		23.2*	21.9*	17.8*	17.0*	15.3*	12.2*	10.1*	9.7*	8.9
150		21.9	22.0		22.0*	20.8*	17.1*	16.0*	14.5*	11.7*	9.9*	9.5*	8.5*
160		19.8			20.4	19.8*		15.0*	13.8*	11.2*	9.7*	9.3*	8.0*
170					18.5	18.6		14.2*	13.1*	10.8*	9.5*	9.1*	7.3*
180					16.8			13.4*	12.6*		9.3*	8.8*	6.6*
190								12.8*	12.1*		9.0*	8.4*	6.2*
200								12.2*			8.7*	8.0*	
210											8.3*	7.6*	
220											7.8*		
170'	35	40.0*											
	40	40.0*	40.0*										
	50	40.0*	40.0*	40.0*	32.0*	31.7*		21.7*			13.9*		
	60	40.0*	40.0*	40.0*	32.0*	31.1*	29.3*	21.3*	20.2*		13.5*		
	70	40.0*	40.0*	40.0*	32.0*	30.4*	27.6*	21.0*	19.7*	18.3*	13.2*	12.1*	
	80	40.0*	40.0*	38.7*	31.7*	29.7*	25.7*	20.6*	19.2*	17.8*	12.9*	11.6*	10.4*
	90	40.0*	40.0*	36.5*	31.0*	29.2*	24.1*	20.1*	18.7*	16.6*	12.5*	11.2*	10.2*
	100	39.1	39.5	36.6*	29.7*	28.5*	22.7*	19.6*	18.2*	15.6*	12.1*	10.7*	10.1*
	110	34.4	34.7	35.0	27.8*	26.8*	21.5*	19.1*	17.8*	14.7*	11.6*	10.4*	9.9*
	120	30.2	30.4	30.7	26.1*	25.3*	20.4*	18.6*	17.4*	14.0*	11.1*	10.2*	9.7*
	130	26.7	26.9	27.1	24.5*	23.9*	19.4*	18.1*	16.9*	13.3*	10.6*	10.0*	9.6*
	140	23.8	23.9	24.1	23.1*	22.6*	18.6*	17.0*	16.3*	12.7*	10.3*	9.9*	9.0*
	150	21.3	21.4	21.5	21.8*	21.4*	17.9*	16.9*	16.4*	12.2*	10.2*	9.7*	8.3*
	160	19.1	19.1		19.7	19.9	17.3*	15.0*	14.6*	11.7*	10.0*	9.5*	7.5*
	170	17.2	17.2		17.8	18.0	16.7*	14.1*	13.9*	10.8*	9.8*	9.3*	6.9*
	180	15.5			16.1	16.3		13.3*	13.2*	10.0*	9.6*	9.1*	6.4*
	190				14.6			12.6*	12.5*	9.1*	9.4*	8.7*	5.8*
	200				13.3			12.0*	12.0*		9.0*	8.2*	5.3*
	210							11.4*	11.4*		8.6*	7.6*	
	220							10.9*			8.2*	7.0*	
230										7.8*			
240										7.5*			
190'	40	40.0*											
	50	40.0*	40.0*	40.0*	32.0*	31.9*		21.8*			13.6*		
	60	40.0*	40.0*	40.0*	32.0*	31.3*	29.4*	21.5*	20.3*		13.3*	12.2*	
	70	40.0*	40.0*	40.0*	32.0*	30.7*	28.4*	21.1*	19.9*	18.4*	13.0*	11.8*	10.4*
	80	40.0*	40.0*	40.0*	32.0*	30.1*	26.5*	20.8*	19.4*	18.0*	12.7*	11.4*	10.3*
	90	40.0*	40.0*	37.8*	31.5*	29.4*	24.9*	20.4*	19.0*	17.1*	12.4*	11.0*	10.1*
	100	38.4	38.9	36.6*	29.4*	28.2*	23.5*	20.0*	18.5*	16.1*	12.4*	11.0*	10.1*
	110	33.7	34.1	34.5	27.6*	26.5*	22.3*	19.5*	18.1*	15.2*	11.9*	10.5*	10.0*
	120	29.5	29.8	30.1	25.9*	25.0*	21.2*	19.0*	17.7*	14.4*	11.5*	10.3*	9.8*

① Capacities shown in thousand pounds.

— 2 —

(Continued)



HC-268 jib capacities — open throat boom (U.S. units)

Refer to Notes page 5.

Boom length	Load radius	Capacities ①— over side and 360° swing											
		30' jib			50' jib			70' jib			90' jib		
		Jib angles to boom (jib offset degrees)											
		5°	15°	25°	5°	15°	25°	5°	15°	25°	5°	15°	25°
Feet	Feet	Pounds			Pounds			Pounds			Pounds		
190'	130	26.0	26.3	26.5	24.3*	23.6*	20.2*	18.0*	17.3*	13.8*	11.0*	10.2*	9.5*
	140	23.1	23.3	23.5	22.9*	22.3*	19.4*	16.9*	16.4*	13.2*	10.6*	10.0*	8.6*
	150	20.6	20.7	20.9	21.2	21.1*	18.6*	15.8*	15.4*	12.2*	10.3*	9.8*	7.9*
	160	18.4	18.5	18.7	19.0	19.3	17.8*	14.9*	14.5*	11.0*	10.2*	9.7*	7.1*
	170	16.5	16.6		17.1	17.3	16.5*	14.0*	13.7*	10.1*	10.0*	9.5*	6.5*
	180	14.8	14.9		15.4	15.6	14.8*	13.2*	13.0*	9.1*	9.8*	8.9*	5.9*
	190	13.3			13.9	14.1		12.5*	12.3*	8.5*	9.5*	8.2*	5.4*
	200	12.0			12.6	12.7		11.8*	11.6*	7.8*	8.9*	7.5*	5.0*
	210				11.4			11.2*	10.9*		8.5*	7.1*	4.5*
	220				10.3			10.7*	10.0*		8.0*	6.6*	4.3*
	230							9.8			7.6*	6.2*	
	240							8.9			7.3*	5.7*	
	250										7.0*		
260										6.7*			
210'	40	40.0*						21.9*					
	50	40.0*	40.0*	40.0*	32.0*			21.6*					
	60	40.0*	40.0*	40.0*	32.0*	31.5*	29.5*	21.6*			13.7*		
	70	40.0*	40.0*	40.0*	32.0*	31.0*	29.0*	21.3*	20.0*		13.5*	12.4*	
	80	40.0*	40.0*	40.0*	32.0*	30.4*	27.2*	21.0*	19.6*	18.1*	13.2*	12.0*	
	90	40.0*	40.0*	39.1*	30.9*	29.5*	25.7*	20.6*	19.2*	17.5*	12.9*	11.6*	10.3*
	100	37.7	38.2	37.1*	28.9*	27.7*	24.3*	20.3*	18.8*	16.5*	12.6*	11.2*	10.2*
	110	33.0	33.4	33.9*	27.1*	26.1*	23.0*	19.8*	18.3*	15.6*	12.2*	10.8*	10.1*
	120	28.8	29.2	29.5	25.5*	24.6*	22.0*	19.0*	18.0*	14.9*	11.8*	10.4*	9.9*
	130	25.3	25.6	25.9	23.9*	23.2*	20.9*	17.8*	17.2*	13.7*	11.4*	10.3*	9.1*
	140	22.4	22.6	22.9	22.5*	21.9*	19.0*	16.6*	16.2*	12.4*	11.0*	10.1*	8.2*
	150	19.8	20.0	20.3	20.5	20.7*	17.6*	15.6*	15.2*	11.2*	10.5*	10.0*	7.3*
	160	17.7	17.8	18.0	18.3	18.6	16.0*	14.7*	14.4*	10.1*	10.3*	9.6*	6.7*
	170	15.7	15.9	16.1	16.5	16.7	14.6*	13.8*	13.1*	9.2*	10.2*	8.9*	6.1*
	180	14.1	14.2	14.3	14.7	15.0	13.3*	13.1*	12.3*	8.5*	9.9*	8.3*	5.5*
	190	12.6	12.7		13.2	13.4	12.3*	12.3*	11.3*	7.8*	9.4*	7.7*	5.1*
	200	11.3	11.3		11.8	12.0	11.5*	11.7*	10.4*	7.1*	8.8*	7.0*	4.7*
	210	10.1			10.6	10.8		11.1*	9.7*	6.6*	8.4*	6.5*	4.3*
	220	9.0			9.6	9.7		10.0	8.9*		7.9*	6.1*	3.9*
	230				8.6			9.0	8.3*		7.5*	5.7*	3.6*
	240				7.7			8.1	7.9*		7.2*	5.3*	
	250							7.3			6.8*	4.9*	
	260							6.5			6.4*	4.6*	
	270										6.1*		
	280										5.5		
230'	50	40.0*	40.0*		32.0*			21.7*			13.8*		
	60	40.0*	40.0*	40.0*	32.0*	31.7*		21.4*	20.2*		13.6*		
	70	40.0*	40.0*	40.0*	32.0*	31.2*	29.3*	21.4*	20.2*	18.2*	13.6*	12.1*	
	80	40.0*	40.0*	40.0*	32.0*	30.6*	27.9*	21.1*	19.8*		13.3*		
	90	40.0*	40.0*	40.0*	30.1*	28.7*	26.3*	20.8*	19.4*	17.8*	13.0*	11.7*	10.4*
	100	37.0	37.6	35.6*	28.2*	27.0*	25.0*	20.5*	19.0*	16.9*	12.7*	11.4*	10.3*
	110	32.3	32.8	32.2*	26.5*	25.4*	22.8*	19.9*	18.6*	15.6*	12.5*	11.0*	10.1*
	120	28.1	28.5	28.9	24.9*	24.0*	20.6*	18.7*	18.0*	13.8*	12.1*	10.6*	9.5*
	130	24.6	25.0	25.3	23.4*	22.6*	18.9*	17.5*	16.9*	12.6*	11.7*	10.4*	8.5*
	140	21.6	21.9	22.3	22.0*	21.4*	17.0*	16.4*	15.3*	11.5*	11.3*	10.2*	7.6*
	150	19.1	19.4	19.6	19.7	19.6*	15.4*	15.4*	14.2*	10.3*	10.9*	9.9*	6.9*
	160	16.9	17.1	17.4	17.5	18.0	14.3*	14.5*	12.9*	9.3*	10.5*	9.0*	6.3*
	170	15.0	15.2	15.4	15.6	16.0	12.9*	13.6*	11.8*	8.5*	10.3*	8.3*	5.6*
	180	13.3	13.5	13.7	13.9	14.3	11.8*	12.8*	11.0*	7.7*	9.8*	7.7*	5.1*
	190	11.8	12.0	12.1	12.4	12.7	10.9*	12.1*	10.1*	7.1*	9.1*	7.1*	4.7*
	200	10.5	10.6		11.1	11.3	10.1*	11.5*	9.2*	6.5*	8.6*	6.6*	4.3*
	210	9.3	9.4		9.9	10.1	9.3*	10.3	8.6*	6.0*	8.1*	6.0*	3.9*
	220	8.2	8.3		8.8	9.0		9.3	8.0*	5.5*	7.4*	5.6*	3.6*
	230	7.2			7.8	7.9		8.3	7.4*	5.0*	6.9*	5.1*	3.3*
	240	6.4			6.9	7.0		7.4	6.8*		6.4*	4.7*	3.0*
	250				6.1			6.5	6.5*		6.1*	4.4*	2.9*
	260				5.3			5.8			5.7*	4.1*	
	270							5.1			5.4	3.9*	
	280										4.8		
	290										4.2		
250'	50	40.0*			32.0*	31.8*		21.8*			13.9*		
	60	40.0*	40.0*	40.0*	32.0*	31.4*	29.4*	21.5*			13.7*		
	70	40.0*	40.0*	40.0*	32.0*	31.0*	29.6*	21.2*	20.3*	18.3*	13.4*	12.2*	
	80	40.0*	40.0*	39.0*	31.0*	29.6*	27.4*	21.2*	19.9*	17.6*	13.1*	11.9*	10.4*
	90	40.0*	38.6*	33.5*	29.1*	27.8*	24.8*	21.0*	19.6*	17.6*	13.1*	11.9*	10.4*
	100	36.3	33.4*	30.6*	27.3*	26.2*	22.7*	20.7*	19.2*	15.9*	12.9*	11.5*	10.3*
	110	31.6	30.9*	28.0*	25.7*	24.2*	20.5*	19.5*	18.4*	14.2*	12.6*	11.2*	10.0*
	120	27.3	27.9	25.6*	24.1*	22.4*	18.3*	18.2*	16.7*	12.8*	12.3*	10.8*	8.9*
	130	23.8	24.3	23.5*	22.7*	20.4*	16.8*	17.1*	15.2*	11.6*	12.0*	10.5*	8.0*

① Capacities shown in thousand pounds.

— 3 —

(Continued)



HC-268 jib capacities — open throat boom (U.S. units)

Refer to Notes page 5.

Boom length	Load radius	Capacities ①— over side and 360° swing											
		30' jib			50' jib			70' jib			90' jib		
		Jib angles to boom (jib offset degrees)											
		5°	15°	25°	5°	15°	25°	5°	15°	25°	5°	15°	25°
Feet	Feet	Pounds			Pounds			Pounds			Pounds		
250'	140	20.9	21.3	21.6	21.2*	18.6*	15.1*	16.0*	13.9*	10.4*	11.6*	9.9*	7.2*
	150	18.3	18.7	19.0	19.0	17.0*	13.9*	15.0*	12.8*	9.5*	11.2*	9.1*	6.5*
	160	16.1	16.4	16.7	16.7	15.9*	12.6*	14.1*	11.6*	8.6*	10.6*	8.4*	5.8*
	170	14.2	14.5	14.7	14.8	14.6*	11.4*	13.1*	10.7*	7.7*	9.8*	7.7*	5.2*
	180	12.5	12.8	13.0	13.1	13.4*	10.5*	12.3*	9.8*	7.1*	9.1*	7.1*	4.8*
	190	11.0	11.3	11.4	11.6	12.0	9.7*	11.3*	8.9*	6.5*	8.4*	6.5*	4.3*
	200	9.7	9.9	10.1	10.3	10.6	9.0*	10.4*	8.3*	5.9*	7.8*	6.0*	3.9*
	210	8.5	8.7		9.1	9.4	8.2*	9.5	7.7*	5.4*	7.3*	5.5*	3.6*
	220	7.4	7.6		8.0	8.3	7.7*	8.4	7.1*	4.9*	6.7*	5.0*	3.3*
	230	6.4	6.5		7.0	7.2		7.4	6.7*	4.6*	6.2*	4.7*	3.1*
	240	5.5			6.1	6.3		6.5	6.2*	4.3*	5.8*	4.4*	2.8*
	250	4.7			5.2	5.4		5.7	5.8*		5.4*	4.1*	2.6*
	260	3.9			4.5			4.9	5.2		5.1*	3.8*	2.4*
	270				3.8			4.2	4.5		4.6	3.5*	
280							3.6			3.9	3.3*		
290							3.0			3.3	3.1*		
300										2.8			
310										2.3			
270'	50	40.0*			32.0*			21.9*					
	60	40.0*	40.0*	40.0*	31.5*	30.1*	27.1*	21.6*	20.4*		13.7*		
	70	40.0*	39.9*	34.7*	31.5*	27.9*	24.6*	21.4*	20.1*	18.1*	13.5*	12.3*	
	80	38.4*	34.0*	31.7*	29.7*	25.6*	22.1*	21.1*	19.7*	16.3*	13.3*	12.0*	
	90	33.3*	31.5*	28.9*	27.9*	23.2*	19.9*	20.1*	18.1*	14.6*	13.0*	11.7*	10.3*
	100	30.4*	29.0*	26.5*	25.8*	21.4*	18.0*	18.9*	16.4*	13.2*	12.8*	11.3*	9.3*
	110	27.9*	26.5*	24.4*	23.8*	19.6*	16.5*	17.6*	15.1*	11.9*	12.5*	11.0*	8.2*
	120	25.8*	24.6*	22.4*	21.9*	19.6*	16.5*	17.6*	15.1*	11.9*	12.5*	11.0*	8.2*
	130	23.1	22.5*	20.6*	20.0*	17.9*	15.0*	16.1*	13.6*	10.5*	12.2*	10.2*	7.4*
	140	20.1	20.6	18.6*	18.4*	16.3*	13.6*	14.8*	12.6*	9.6*	11.4*	9.3*	6.6*
	150	17.6	18.0	17.1*	17.0*	15.1*	12.2*	13.6*	11.4*	8.6*	10.4*	8.5*	6.0*
	160	15.4	15.7	15.8*	15.7*	13.9*	11.3*	12.6*	10.4*	7.8*	9.8*	7.7*	5.4*
	170	13.5	13.8	14.1	14.1	12.7*	10.3*	11.7*	9.6*	7.1*	9.0*	7.1*	4.9*
	180	10.3	10.5	10.7	12.4	11.6*	9.4*	10.7*	8.9*	6.5*	8.2*	6.5*	4.4*
	190	8.9	9.2	9.4	10.9	10.8*	8.6*	9.8*	8.0*	5.9*	7.7*	5.9*	4.0*
	200	7.7	7.9	8.1	9.5	9.9	7.9*	9.2*	7.4*	5.4*	7.1*	5.4*	3.6*
	210	6.6	6.8	7.0	8.3	8.7	7.3*	8.5*	6.8*	4.9*	6.5*	5.0*	3.3*
	220	5.6	5.8		7.2	7.5	6.8*	7.7	6.4*	4.6*	6.0*	4.6*	3.0*
	230	4.7	4.9		6.2	6.5	6.3*	6.7	5.9*	4.2*	5.6*	4.3*	2.8*
	240	3.9	4.0		5.3	5.6	5.8	5.8	5.4*	3.9*	5.3*	3.9*	2.5*
	250	3.2			4.5	4.7		4.9	5.1*	3.6*	4.8*	3.6*	2.3*
	260	2.5			3.7	3.9		4.2	4.5	3.3*	4.5	3.3*	2.2*
	270				3.0	3.2		3.5	3.8		3.8	3.1*	2.0*
	280				2.4			2.8	3.1		3.2	2.9*	
	290							2.2	2.4		2.6	2.6*	
	300										2.0	2.3*	
290'	60	38.8*	34.7*		31.2*	28.6*		21.9*			13.8*		
	70	33.1*	31.6*		28.6*	24.5*	21.8*	21.7*			13.6*	12.4*	
	80	38.8*	34.7*		26.1*	22.2*	19.7*	21.5*	19.7*	14.9*	13.4*	12.1*	
	90	33.1*	31.6*	29.8*	24.1*	20.2*	17.6*	19.9*	17.9*	13.2*	13.1*	11.8*	9.7*
	100	30.3*	29.2*	27.1*	22.0*	20.2*	17.6*	18.3*	16.3*	11.8*	12.9*	11.2*	8.7*
	110	23.7*	22.4*	20.7*	20.0*	18.3*	15.8*	16.7*	14.7*	10.7*	12.0*	10.2*	7.7*
	120	21.7*	20.6*	18.9*	18.6*	16.7*	14.4*	15.3*	13.3*	9.5*	11.1*	9.1*	6.9*
	130	19.9*	18.8*	17.2*	16.9*	15.3*	13.1*	14.1*	12.0*	8.5*	10.2*	8.3*	6.2*
	140	18.3*	17.4*	16.0*	15.6*	14.1*	11.8*	12.8*	10.9*	7.7*	9.4*	7.6*	5.5*
	150	16.8*	16.0*	14.5*	14.4*	12.8*	10.8*	12.8*	10.9*	7.7*	9.4*	7.6*	5.5*
	160	15.5*	14.8*	13.4*	13.1*	11.7*	9.9*	10.8*	9.1*	6.9*	8.5*	6.8*	4.9*
	170	13.7	13.6*	12.3*	12.2*	10.8*	8.9*	10.0*	8.3*	6.2*	7.9*	6.3*	4.4*
	180	12.0	12.3	11.3*	11.1*	9.9*	8.2*	9.2*	7.7*	5.7*	7.2*	5.6*	4.0*
	190	10.4	10.7	10.4*	10.3*	9.2*	7.4*	8.4*	6.9*	5.2*	6.6*	5.1*	3.6*
	200	9.0	9.3	9.5	9.6	8.4*	6.8*	7.7*	6.4*	4.7*	6.1*	4.7*	3.2*
	210	7.8	8.0	8.2	8.3	7.9*	6.4*	7.2*	5.9*	4.3*	5.6*	4.4*	2.9*
220	6.6	6.8	7.0	7.2	7.2*	5.8*	6.6*	5.4*	4.0*	5.2*	4.0*	2.7*	
230	5.6	5.8	6.0	6.2	6.5	5.4*	6.2*	5.1*	3.6*	4.8*	3.7*	2.4*	
240	4.7	4.8		5.2	5.5	5.0*	5.7	4.7*	3.4*	4.5*	3.4*	2.2*	
250	3.8	4.0		4.4	4.7	4.6*	4.8	4.3*	3.1*	4.1*	3.1*	2.0*	
260	3.0	3.2		3.6	3.8		4.0	4.0*	2.9*	3.9*	2.9*		
270	2.3	2.4		2.8	3.1		3.3	3.7	2.7*	3.5*	2.7*		
280				2.2	2.4		2.6	3.0		3.0	2.5*		
290							2.0	2.3		2.4	2.4*		
300'	60	33.5*	32.3*		29.2*	25.1*		21.7*			13.8*		
	70	30.9*	29.7*	27.8*	26.6*	22.8*	20.3*	20.5*	18.7*	14.2*	13.6*	12.2*	
	80	28.4*	27.1*	25.2*	24.4*	20.8*	18.4*	18.8*	16.8*	12.6*	13.2*	11.9*	9.4*
	90	26.1*	24.8*	23.1*	22.4*	18.8*	16.5*	17.3*	15.2*	11.2*	12.6*	10.7*	8.3*
	100	24.0*	22.7*	21.0*	20.6*	17.3*	14.9*	15.7*	13.7*				
	110	21.9*	20.8*	19.2*	18.8*								

① Capacities shown in thousand pounds.

— 4 —

(Continued)



HC-268 jib capacities — open throat boom (U.S. units)

Refer to Notes below.

Boom length	Load radius	Capacities ①— over side and 360° swing											
		30' jib			50' jib			70' jib			90' jib		
		Jib angles to boom (jib offset degrees)											
		5°	15°	25°	5°	15°	25°	5°	15°	25°	5°	15°	25°
Feet	Feet	Pounds			Pounds			Pounds			Pounds		
300'	120	20.1*	19.2*	17.6*	17.3*	15.6*	13.5*	14.4*	12.5*	10.1*	11.5*	9.7*	7.4*
	130	18.5*	17.6*	16.2*	15.9*	14.3*	12.3*	13.1*	11.3*	9.0*	10.5*	8.8*	6.6*
	140	17.0*	16.1*	14.7*	14.5*	13.1*	11.0*	12.1*	10.3*	8.2*	9.7*	7.9*	5.9*
	150	15.6*	14.8*	13.5*	13.2*	11.9*	10.1*	11.0*	9.3*	7.3*	8.9*	7.2*	5.2*
	160	14.3*	13.7*	12.4*	12.3*	10.9*	9.1*	10.1*	8.6*	6.7*	8.0*	6.6*	4.6*
	170	13.1*	12.6*	11.5*	11.2*	10.0*	8.4*	9.2*	7.8*	5.9*	7.4*	5.9*	4.2*
	180	11.6	11.5*	10.6*	10.4*	9.2*	7.6*	8.5*	7.1*	5.4*	6.8*	5.4*	3.8*
	190	10.0	10.3	9.7*	9.5*	8.5*	7.0*	7.8*	6.5*	4.9*	6.2*	4.9*	3.4*
	200	8.6	8.9	9.0*	8.7*	7.7*	6.4*	7.2*	6.0*	4.5*	5.7*	4.5*	3.1*
	210	7.4	7.6	7.8	8.0	7.3*	6.0*	6.7*	5.5*	4.1*	5.2*	4.1*	2.8*
	220	6.2	6.5	6.7	6.8	6.7*	5.5*	6.2*	5.0*	3.7*	4.9*	3.8*	2.5*
	230	5.2	5.4	5.6	5.8	6.2	5.0*	5.7*	4.7*	3.4*	4.4*	3.5*	2.3*
	240	4.3	4.5	4.6	4.8	5.2	4.7*	5.3	4.4*	3.2*	4.2*	3.2*	2.1*
	250	3.4	3.6		4.0	4.3	4.3*	4.4	4.0*	2.9*	3.9*	2.9*	
	260	2.6	2.8		3.2	3.5	3.7	3.6	3.8*	2.7*	3.6*	2.7*	
	270				2.5	2.7		2.9	3.3	2.5*	3.3	2.5*	
	280							2.2	2.6	2.3*	2.6	2.3*	
	290									2.0	2.0	2.1*	

① Capacities shown in thousand pounds.

Notes — tubular jib lifting capacities

- Capacities included in this chart are the maximum allowable, and are based on machine standing level on firm supporting surface.
- Capacities for 360° swing applicable only when front center jack and front and rear outriggers are set in proper working position.
- When making lifts on outriggers, machine must be level and supported on fully extended and set outriggers with tires free of supporting surface.
- Capacities are based on 85% of minimum tipping loads unless marked with an asterisk.
 - An asterisk (*) indicates capacities based on factors other than those that would cause a tipping condition.
- Capacities are based on freely suspended loads and make no allowance for such factors as the effect of wind, sudden stopping of loads, supporting surface conditions, inflation of tires, and operating speeds. Operator must reduce load ratings to take such conditions into account. Deduction from rated capacities must be made for weight of weighted ball/hook, hook block, sling, spreader bar, or other suspended gear.
- Least stable rated condition is over the side.
- Do not swing upper until outriggers are set in proper working position.
- Boom midpoint suspension pendants required for boom lengths exceeding 240'.
- Boom live mast must be used in working position for all capacities in this chart.
- Jib cannot be used on boom longer than 300'.
- For lifting loads greater than 29,500 lbs., and up to 40,000 lbs., 2-part jib hoist line—1" or 1-1/8" diameter Type "N" wire rope is required. For single part jib hoist line operation, 1" diameter Type "P" wire rope is recommended, and 16,800 lbs. is maximum load to be handled on single part line.
- Refer to all notes on applicable lifting crane capacity chart in addition to these notes.
- These capacities apply only to the machine as originally manufactured and normally equipped by Link-Belt Construction Equipment Company.

GENERAL INFORMATION ONLY

We are constantly improving our products and therefore reserve the right to change designs and specifications.



Link-Belt® HC-268 Luffing Crane Capacities

Refer to notes page 8

Luffing Boom - tubular:
100" (2.54 m) wide, 85" (2.16 m) deep.

Fixed Jib - tubular:
32" (.81 m) wide, 24" (.61 m) deep

Counterweight:
Refer to chart below.

Luffing Jib - tubular:
80" (2.03 m) wide, 68" (1.73 m) deep.

Mounting - Link-Belt carrier:
12 x 6 drive, 288" (7.32 m) wheelbase 11' 10"
(3.61 m) wide.

Counterweights			
AB + Auxiliary Upper		Carrier Bumper	
Pounds	Kilograms	Pounds	Kilograms
95,000	43,092	26,700	12,111

GENERAL INFORMATION ONLY

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

Standard HC-268 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
Upper Cwt. AB + Auxiliary Cwt. + Bumper Cwt.	Maximum	200	60.96	200	60.96	30	9.14

Machine travel^① with luffing boom and luffing jib + fixed jib, with no load.

Standard HC-268 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 ^②			
		Jobsite moves at 1 mph (1.61 km/h) with luffing boom and luffing jib + fixed jib. ^③			
		Luffing Boom		Luffing Jib + Fixed Jib	
		Feet	meters	Feet	meters
Upper Cwt. AB + Bumper Cwt. ^④	Maximum	250	76.20	200 + 30	60.96 + 9.14

① Hook block may be carried only when attached to carrier.

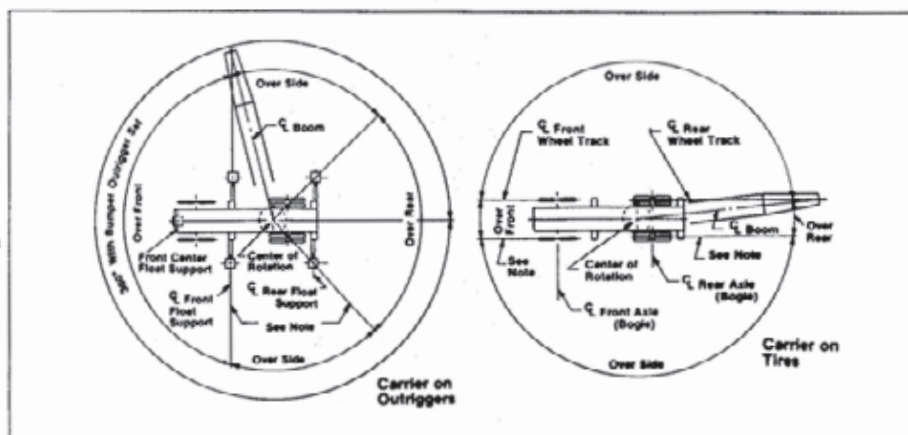
② For air pressure in front and rear tires refer to operator's manual or tire inflation chart on machine.

③ Auxiliary 10,000 lb. (4 536 kg) cwt. must be removed for all jobsite travel conditions.

④ Refer to travel charts for luffing boom and jib angles before moving.

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.



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

#6171

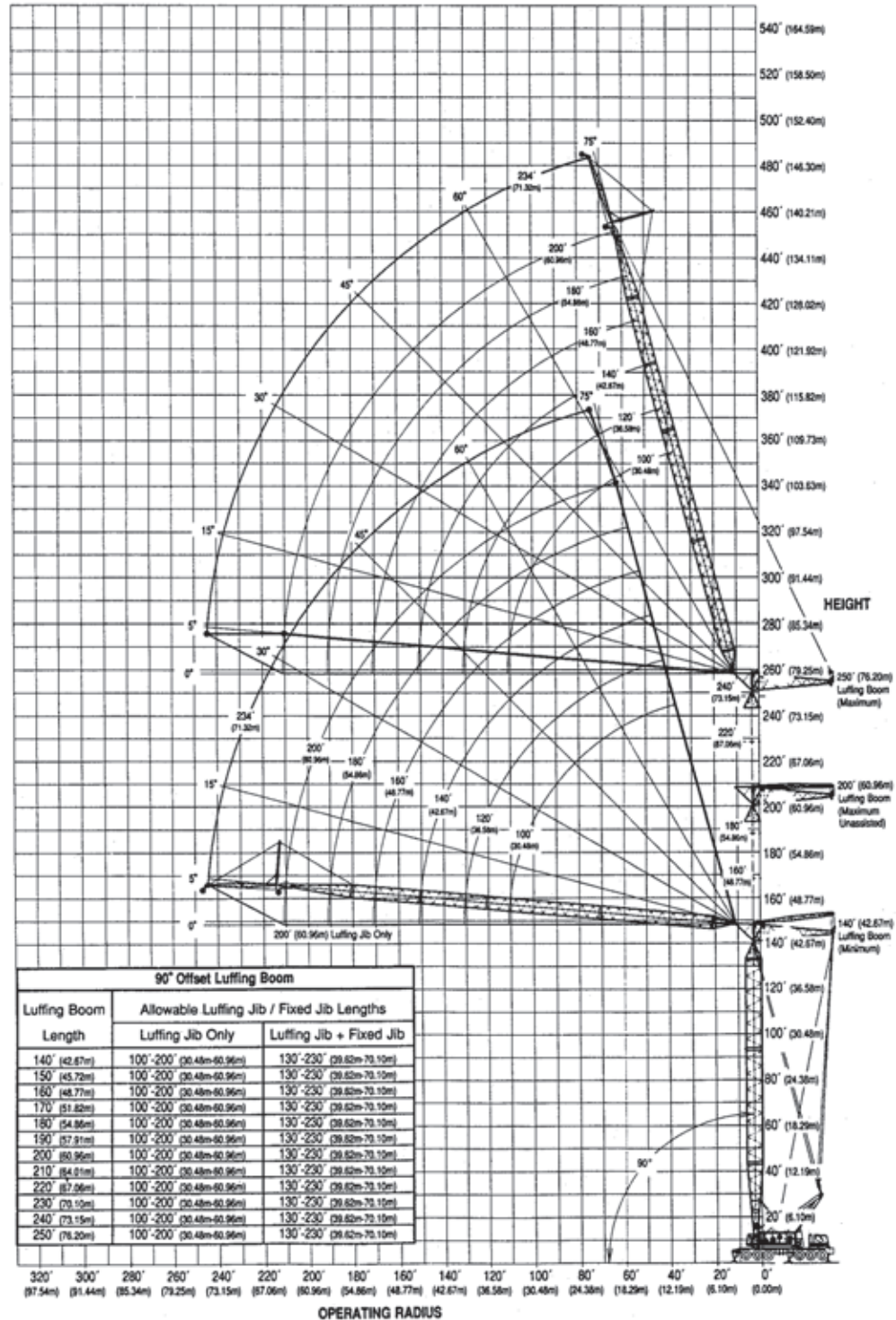
- 1 -

Litho in U.S.A. 9/92



90° Offset Luffing Boom - Working Range

GENERAL INFORMATION ONLY



FOR REFERENCE USE ONLY!

Please consult Reliable Crane Service for more information.

702-400-2516 or 702-525-0840
sales@reliablecraneservice.com



HC-268 Luffing Crane Capacities - 90° Luffing Boom Angle

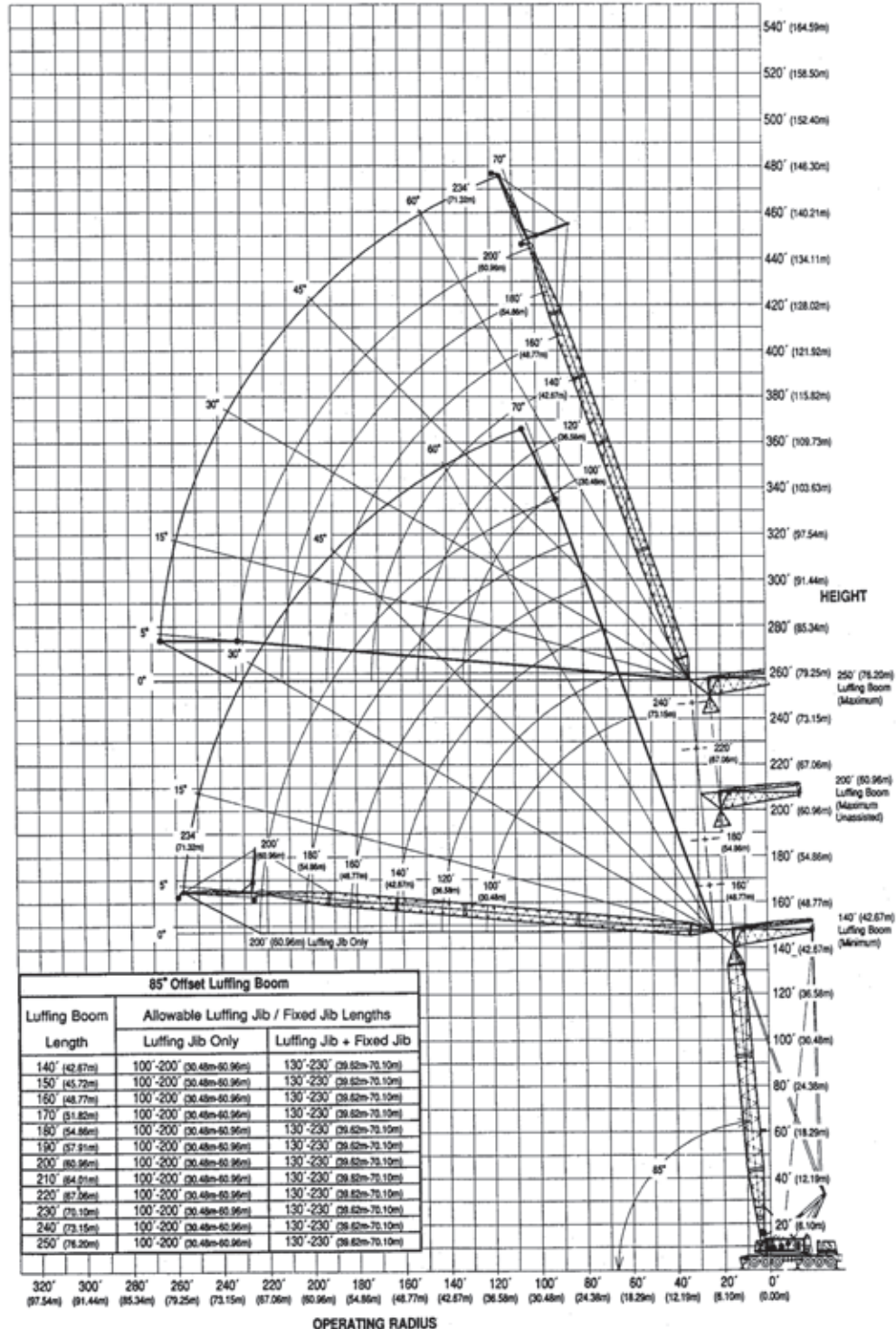
Refer to notes on page 10.

Luffing length	140' (42.67 m)										170' (51.82 m)										200' (60.96 m)										220' (67.06 m)										250' (76.20 m)																					
	140' (42.67 m)					170' (51.82 m)					200' (60.96 m)					220' (67.06 m)					250' (76.20 m)					220' (67.06 m)					250' (76.20 m)					220' (67.06 m)					250' (76.20 m)																					
	Load radius	Luffing jib angle	Luffing boom point height ①	Lifting capacities	Lifting capacities	Load radius	Luffing jib angle	Luffing boom point height ①	Lifting capacities	Lifting capacities	Load radius	Luffing jib angle	Luffing boom point height ①	Lifting capacities	Lifting capacities	Load radius	Luffing jib angle	Luffing boom point height ①	Lifting capacities	Lifting capacities	Load radius	Luffing jib angle	Luffing boom point height ①	Lifting capacities	Lifting capacities	Load radius	Luffing jib angle	Luffing boom point height ①	Lifting capacities	Lifting capacities	Load radius	Luffing jib angle	Luffing boom point height ①	Lifting capacities	Lifting capacities	Load radius	Luffing jib angle	Luffing boom point height ①	Lifting capacities	Lifting capacities																						
100' (30.48 m)	40	12.2	67.7	243.5	74.2	85.0	38.6	73.3	270.8	67.9	82.6	303.9	92.6	76.6	34.7	73.2	300.7	92.6	76.6	34.7	73.2	323.9	98.7	68.3	31.0	73.1	354.0	107.9	55.4	25.1	40	12.2	67.7	243.5	74.2	85.0	38.6	73.3	270.8	67.9	82.6	303.9	92.6	76.6	34.7	73.2	300.7	92.6	76.6	34.7	73.2	323.9	98.7	68.3	31.0	73.1	354.0	107.9	55.4	25.1		
	50	15.2	67.7	240.4	73.3	79.1	35.9	67.3	273.6	63.3	80.3	300.7	91.7	74.6	33.3	68.0	303.9	91.7	74.6	33.3	68.0	320.8	97.8	65.4	30.1	68.1	356.9	106.9	53.9	24.4	50	15.2	67.7	240.4	73.3	79.1	35.9	67.3	273.6	63.3	80.3	300.7	91.7	74.6	33.3	68.0	303.9	91.7	74.6	33.3	68.0	320.8	97.8	65.4	30.1	68.1	356.9	106.9	53.9	24.4		
	60	18.3	67.7	235.6	71.8	74.3	33.7	65.0	265.9	61.0	77.0	300.7	90.3	70.0	31.4	65.2	296.1	89.3	70.0	31.4	65.2	316.2	96.4	63.4	28.8	63.4	346.3	103.7	49.0	22.2	60	18.3	67.7	235.6	71.8	74.3	33.7	65.0	265.9	61.0	77.0	300.7	90.3	70.0	31.4	65.2	316.2	96.4	63.4	28.8	63.4	346.3	103.7	49.0	22.2							
	70	21.3	67.7	229.4	68.9	68.9	31.2	61.0	259.8	58.0	73.0	300.7	89.3	68.0	29.0	61.0	310.2	94.5	60.3	27.4	60.3	316.2	94.5	60.3	27.4	60.3	340.3	101.3	46.5	21.1	70	21.3	67.7	229.4	68.9	68.9	31.2	61.0	259.8	58.0	73.0	300.7	89.3	68.0	29.0	61.0	310.2	94.5	60.3	27.4	60.3	340.3	101.3	46.5	21.1							
	80	24.4	67.7	221.4	67.5	67.5	28.1	57.8	251.6	56.0	69.0	299.2	89.8	54.0	22.0	57.8	302.4	92.1	57.0	25.0	57.0	316.2	92.1	57.0	25.0	57.0	332.5	98.3	44.1	20.0	80	24.4	67.7	221.4	67.5	67.5	28.1	57.8	251.6	56.0	69.0	299.2	89.8	54.0	22.0	57.8	302.4	92.1	57.0	25.0	57.0	332.5	98.3	44.1	20.0							
	90	27.4	67.7	210.9	64.3	64.3	25.1	54.9	241.6	53.0	66.0	297.2	86.8	51.0	19.0	54.9	257.9	79.8	62.0	23.0	54.9	302.4	92.1	57.0	25.0	54.9	322.5	98.3	41.1	19.0	90	27.4	67.7	210.9	64.3	64.3	25.1	54.9	241.6	53.0	66.0	297.2	86.8	51.0	19.0	54.9	302.4	92.1	57.0	25.0	54.9	322.5	98.3	41.1	19.0							
	100	30.5	23.1	196.4	58.9	58.9	19.2	48.7	223.0	47.0	60.0	295.9	81.8	48.0	16.0	48.7	258.4	81.8	48.0	16.0	48.7	302.4	92.1	57.0	25.0	54.9	322.5	98.3	41.1	19.0	100	30.5	23.1	196.4	58.9	58.9	19.2	48.7	223.0	47.0	60.0	295.9	81.8	48.0	16.0	48.7	302.4	92.1	57.0	25.0	54.9	322.5	98.3	41.1	19.0							
	110	33.5	196.4	58.9	58.9	19.2	48.7	223.0	47.0	60.0	19.2	48.7	227.3	73.8	56.0	17.0	48.7	258.4	81.8	48.0	16.0	48.7	255.0	75.8	45.0	13.0	45.0	295.8	88.0	32.3	12.3	110	33.5	196.4	58.9	58.9	19.2	48.7	223.0	47.0	60.0	19.2	48.7	227.3	73.8	56.0	17.0	48.7	255.0	75.8	45.0	13.0	45.0	295.8	88.0	32.3	12.3					
	120	36.6	193.6	56.8	56.8	16.3	45.6	218.2	44.0	57.0	16.3	45.6	222.6	70.8	53.0	14.0	45.6	255.6	78.8	45.0	13.0	45.6	222.6	70.8	53.0	14.0	45.6	255.6	78.8	45.0	13.0	120	36.6	193.6	56.8	56.8	16.3	45.6	218.2	44.0	57.0	16.3	45.6	222.6	70.8	53.0	14.0	45.6	222.6	70.8	53.0	14.0	45.6	255.6	78.8	45.0	13.0	45.6	255.6	78.8	45.0	13.0
	130	39.6	190.9	54.7	54.7	13.3	42.5	213.5	41.0	54.0	13.3	42.5	217.0	67.8	50.0	11.0	42.5	252.9	75.8	42.0	10.0	42.5	217.0	67.8	50.0	11.0	42.5	252.9	75.8	42.0	10.0	130	39.6	190.9	54.7	54.7	13.3	42.5	213.5	41.0	54.0	13.3	42.5	217.0	67.8	50.0	11.0	42.5	217.0	67.8	50.0	11.0	42.5	252.9	75.8	42.0	10.0	42.5	252.9	75.8	42.0	10.0
	140	42.7	188.2	52.6	52.6	10.3	39.4	208.8	38.0	51.0	10.3	39.4	211.5	64.8	47.0	8.0	39.4	250.2	72.8	39.0	7.0	39.4	211.5	64.8	47.0	8.0	39.4	250.2	72.8	39.0	7.0	140	42.7	188.2	52.6	52.6	10.3	39.4	208.8	38.0	51.0	10.3	39.4	211.5	64.8	47.0	8.0	39.4	211.5	64.8	47.0	8.0	39.4	250.2	72.8	39.0	7.0	39.4	250.2	72.8	39.0	7.0
140' (42.67 m)	52	15.8	73.1	281.9	85.9	58.3	26.4	73.1	312.0	95.1	58.1	342.1	104.3	51.0	23.1	73.0	342.1	104.3	51.0	23.1	73.0	362.1	110.4	47.1	21.4	73.0	392.1	119.5	41.4	18.8	52	15.8	73.1	281.9	85.9	58.3	26.4	73.1	312.0	95.1	58.1	342.1	104.3	51.0	23.1	73.0	342.1	104.3	51.0	23.1	73.0	362.1	110.4	47.1	21.4	73.0	392.1	119.5	41.4	18.8		
	60	18.3	73.1	279.4	83.2	56.6	25.7	70.1	309.5	93.1	55.4	342.1	104.3	51.0	23.1	70.2	339.7	102.3	48.2	22.3	70.2	359.7	108.6	44.2	20.7	70.2	389.7	118.8	39.5	17.9	60	18.3	73.1	279.4	83.2	56.6	25.7	70.1	309.5	93.1	55.4	342.1	104.3	51.0	23.1	70.2	339.7	102.3	48.2	22.3	70.2	359.7	108.6	44.2	20.7	70.2	389.7	118.8	39.5	17.9		
	70	21.3	65.6	270.3	83.9	55.7	25.3	65.7	300.5	93.1	51.6	330.6	100.8	48.1	21.8	65.8	330.6	100.8	48.1	21.8	65.8	350.6	108.4	45.9	20.4	61.4	381.0	116.1	36.8	17.4	70	21.3	65.6	270.3	83.9	55.7	25.3	65.7	300.5	93.1	51.6	330.6	100.8	48.1	21.8	65.8	330.6	100.8	48.1	21.8	65.8	350.6	108.4	45.9	20.4	61.4	381.0	116.1	36.8	17.4		
	80	24.4	65.6	270.3	82.4	54.4	24.7	61.0	306.8	90.1	49.8	330.6	99.3	45.3	21.8	61.1	330.6	99.3	45.3	21.8	61.1	350.6	105.9	43.7	20.4	61.4	381.0	116.1	36.8	17.4	80	24.4	65.6	270.3	82.4	54.4	24.7	61.0	306.8	90.1	49.8	330.6	99.3	45.3	21.8	61.1	330.6	99.3	45.3	21.8	61.1	350.6	105.9	43.7	20.4	61.4	381.0	116.1	36.8	17.4		
	90	27.4	56.3	264.3	80.6	48.1	18.9	51.8	294.6	87.8	42.1	317.9	96.7	38.3	16.0	51.8	317.9	96.7	38.3	16.0	51.8	337.9	102.4	35.6	15.4	51.8	368.0	117.2	33.9	15.4	90	27.4	56.3	264.3	80.6	48.1	18.9	51.8	294.6	87.8	42.1	317.9	96.7	38.3	16.0	51.8	317.9	96.7	38.3	16.0	51.8	337.9	102.4	35.6	15.4	51.8	368.0	117.2	33.9	15.4		
	100	30.5	45.9	248.2	75.7	36.6	16.6	46.3	278.7	84.9	36.9	317.9	94.2	37.3	16.9	46.3	308.1	94.2	37.3	16.9	46.3	337.9	102.4	35.6	15.4	46.3	368.0	117.2	33.9	15.4	100	30.5	45.9	248.2	75.7	36.6	16.6	46.3	278.7	84.9	36.9	317.9	94.2	37.3	16.9	46.3	308.1	94.2	37.3	16.9	46.3	337.9	102.4	35.6	15.4	46.3	368.0	117.2	33.9	15.4		
	110	33.5	35.9	237.6	72.4	32.4	14.7	40.2	268.2	81.7	32.8	317.9	91.0	33.1	15.0	40.2	338.1	91.0	33.1	15.0	40.2	368.0	107.3	32.8	13.7	40.2	368.0	107.3	32.8	13.7	110	33.5	35.9	237.6	72.4	32.4	14.7	40.2	268.2	81.7	32.8	317.9	91.0	33.1	15.0	40.2	338.1	91.0	33.1	15.0	40.2	368.0	107.3	32.8	13.7	40.2	368.0	107.3	32.8	13.7		
	120	36.6	35.9	237.6	72.4	32.4	14.7	40.2	268.2	81.7	32.8	317.9	91.0	33.1	15.0	40.2	338.1	91.0	33.1	15.0	40.2	368.0	107.3	32.8	13.7	40.2	368.0	107.3	32.8	13.7	120	36.6	35.9	237.6	72.4	32.4	14.7	40.2	268.2	81.7	32.8	317.9	91.0	33.1	15.0	40.2	338.1	91.0	33.1	15.0	40.2	368.0	107.3	32.8	13.7	40.2	368.0	107.3	32.8	13.7		
	130	39.6	33.0	224.1	68.3	28.0	13.2	38.4	254.9	77.7	29.3	317.9	88.8	28.3	12.8	38.4	338.1	88.8	28.3	12.8	38.4	368.0	107.3	32.8	13.7	38.4	368.0	107.3	32.8	13.7	130	39.6	33.0																													



85° Offset Luffing Boom - Working Range

GENERAL INFORMATION ONLY



FOR REFERENCE USE ONLY!

Please consult Reliable Crane Service for more information.

702-400-2516 or 702-525-0840
sales@reliablecraneservice.com



HC-268 Luffing Crane Capacities - 85° Luffing Boom Angle

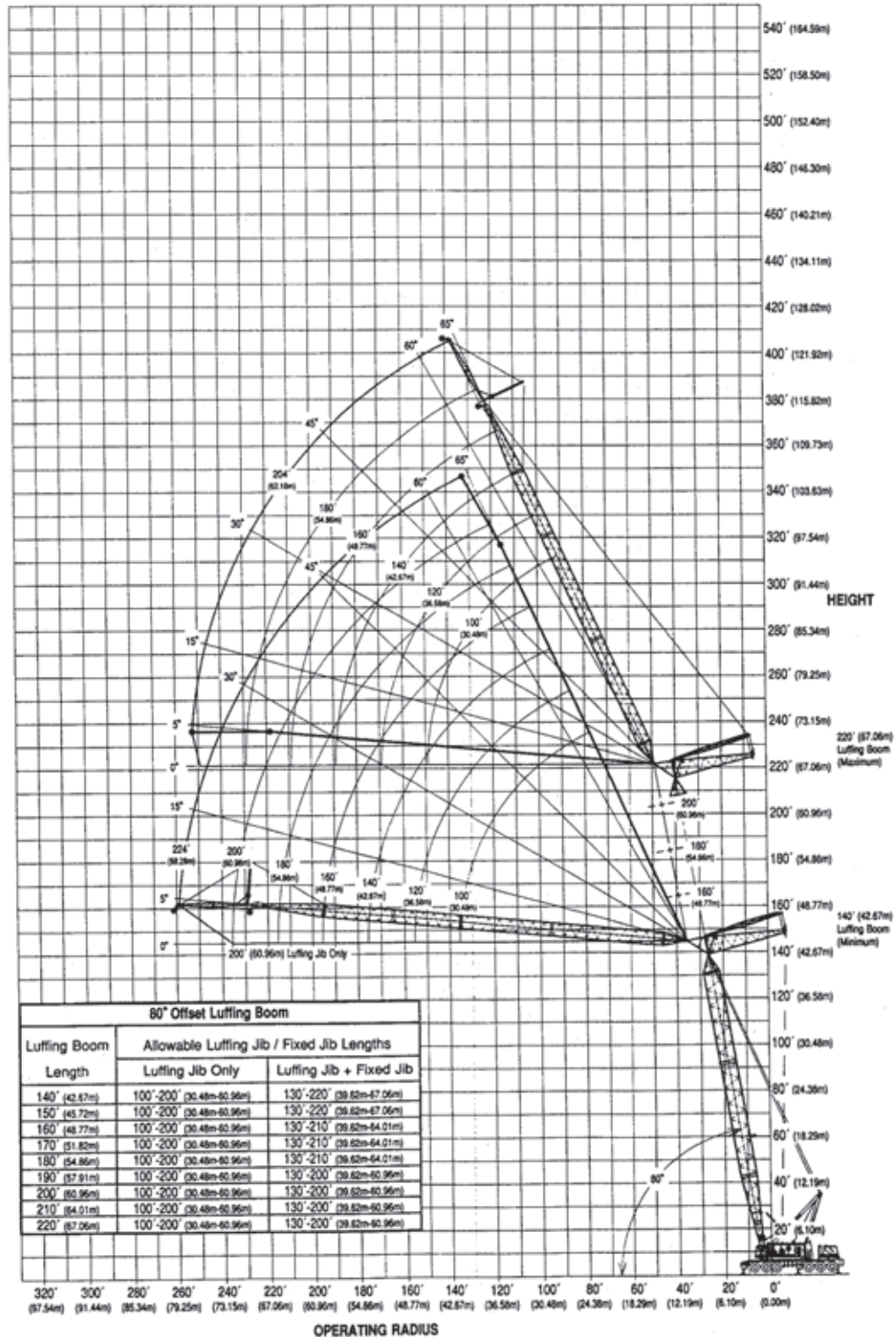
Refer to notes on page 10.

Lifting Capacities - 85° Luffing Boom Angle																																
Luffing jib length	Load radius	140' (42.67 m)					170' (51.82 m)					200' (60.96 m)					220' (67.06 m)					250' (76.20 m)										
		140' (42.67 m)					170' (51.82 m)					200' (60.96 m)					220' (67.06 m)					250' (76.20 m)										
		Luffing jib angle	Luffing boom point height ①	Lbs.	kg	Lifting capacities	Luffing jib angle	Luffing boom point height ①	Lbs.	kg	Lifting capacities	Luffing jib angle	Luffing boom point height ①	Lbs.	kg	Lifting capacities	Luffing jib angle	Luffing boom point height ①	Lbs.	kg	Lifting capacities	Luffing jib angle	Luffing boom point height ①	Lbs.	kg	Lifting capacities	Luffing jib angle	Luffing boom point height ①	Lbs.	kg	Lifting capacities	
100' (30.48 m)	70	21.3	235.5	71.8	64.7	29.3	65.0	267	297.7	90.7	41.2	63.0	235.5	71.8	64.7	29.3	65.0	267	297.7	90.7	41.2	66.6	318.4	97.0	44.0	62.6	28.4	68.1	349.4	106.5	51.2	23.2
	80	24.4	229.7	70.0	54.1	24.5	58.5	253.5	293.5	89.5	40.6	63.0	229.7	70.0	54.1	24.5	58.5	253.5	293.5	89.5	40.6	68.1	349.4	106.5	51.2	62.6	28.4	68.1	349.4	106.5	51.2	23.2
	90	27.5	222.2	67.7	46.6	21.1	51.7	245.8	287.2	87.5	39.7	63.0	222.2	67.7	46.6	21.1	51.7	245.8	287.2	87.5	39.7	68.1	349.4	106.5	51.2	62.6	28.4	68.1	349.4	106.5	51.2	23.2
	100	30.6	212.3	64.7	40.1	18.4	44.1	235.3	279.1	85.1	38.6	63.0	212.3	64.7	40.1	18.4	44.1	235.3	279.1	85.1	38.6	68.1	349.4	106.5	51.2	62.6	28.4	68.1	349.4	106.5	51.2	23.2
	110	33.6	201.3	60.6	35.7	16.2	36.2	233.9	268.3	81.8	37.1	63.0	201.3	60.6	35.7	16.2	36.2	233.9	268.3	81.8	37.1	68.1	349.4	106.5	51.2	62.6	28.4	68.1	349.4	106.5	51.2	23.2
	120	36.6	188.3	54.2	23.7	14.4	28.1	253.2	253.2	77.2	35.0	63.0	188.3	54.2	23.7	14.4	28.1	253.2	253.2	77.2	35.0	68.1	349.4	106.5	51.2	62.6	28.4	68.1	349.4	106.5	51.2	23.2
	130	39.6	177.7	47.1	16.8	12.4	20.6	235.2	235.2	71.2	32.3	63.0	177.7	47.1	16.8	12.4	20.6	235.2	235.2	71.2	32.3	68.1	349.4	106.5	51.2	62.6	28.4	68.1	349.4	106.5	51.2	23.2
	140	42.7	166.2	39.8	10.8	9.0	13.0	215.2	215.2	64.2	29.2	63.0	166.2	39.8	10.8	9.0	13.0	215.2	215.2	64.2	29.2	68.1	349.4	106.5	51.2	62.6	28.4	68.1	349.4	106.5	51.2	23.2
	150	45.7	154.8	32.4	7.3	6.4	3.3	195.2	195.2	57.2	25.9	63.0	154.8	32.4	7.3	6.4	3.3	195.2	195.2	57.2	25.9	68.1	349.4	106.5	51.2	62.6	28.4	68.1	349.4	106.5	51.2	23.2
	160	48.8	143.4	25.0	4.5	3.8	0.8	183.2	183.2	50.2	22.8	63.0	143.4	25.0	4.5	3.8	0.8	183.2	183.2	50.2	22.8	68.1	349.4	106.5	51.2	62.6	28.4	68.1	349.4	106.5	51.2	23.2
140' (42.67 m)	90	27.4	292.2	89.1	40.1	18.4	44.1	235.3	279.1	85.1	38.6	63.0	292.2	89.1	40.1	18.4	44.1	235.3	279.1	85.1	38.6	68.1	349.4	106.5	51.2	62.6	28.4	68.1	349.4	106.5	51.2	23.2
	100	30.5	281.8	85.9	38.9	17.6	59.0	286.3	286.3	88.3	40.0	63.0	281.8	85.9	38.9	17.6	59.0	286.3	286.3	88.3	40.0	68.1	349.4	106.5	51.2	62.6	28.4	68.1	349.4	106.5	51.2	23.2
	110	33.5	275.0	83.8	36.9	15.4	54.1	280.7	280.7	86.8	39.3	63.0	275.0	83.8	36.9	15.4	54.1	280.7	280.7	86.8	39.3	68.1	349.4	106.5	51.2	62.6	28.4	68.1	349.4	106.5	51.2	23.2
	120	36.6	267.0	81.4	34.9	13.7	49.0	274.1	274.1	84.3	38.2	63.0	267.0	81.4	34.9	13.7	49.0	274.1	274.1	84.3	38.2	68.1	349.4	106.5	51.2	62.6	28.4	68.1	349.4	106.5	51.2	23.2
	130	39.6	257.5	78.5	32.8	12.0	44.1	268.3	268.3	82.3	37.1	63.0	257.5	78.5	32.8	12.0	44.1	268.3	268.3	82.3	37.1	68.1	349.4	106.5	51.2	62.6	28.4	68.1	349.4	106.5	51.2	23.2
	140	42.7	246.2	75.0	31.3	10.8	40.1	262.2	262.2	80.2	36.0	63.0	246.2	75.0	31.3	10.8	40.1	262.2	262.2	80.2	36.0	68.1	349.4	106.5	51.2	62.6	28.4	68.1	349.4	106.5	51.2	23.2
	150	45.7	234.3	72.8	29.8	9.7	37.1	256.6	256.6	79.2	35.1	63.0	234.3	72.8	29.8	9.7	37.1	256.6	256.6	79.2	35.1	68.1	349.4	106.5	51.2	62.6	28.4	68.1	349.4	106.5	51.2	23.2
	160	48.8	224.1	65.3	27.8	8.8	34.9	250.8	250.8	76.4	33.6	63.0	224.1	65.3	27.8	8.8	34.9	250.8	250.8	76.4	33.6	68.1	349.4	106.5	51.2	62.6	28.4	68.1	349.4	106.5	51.2	23.2
	170	51.8	214.1	61.4	27.8	8.8	34.9	250.8	250.8	76.4	33.6	63.0	214.1	61.4	27.8	8.8	34.9	250.8	250.8	76.4	33.6	68.1	349.4	106.5	51.2	62.6	28.4	68.1	349.4	106.5	51.2	23.2
	180	54.9	204.1	56.8	25.8	7.3	18.7	227.6	227.6	69.4	31.4	63.0	204.1	56.8	25.8	7.3	18.7	227.6	227.6	69.4	31.4	68.1	349.4	106.5	51.2	62.6	28.4	68.1	349.4	106.5	51.2	23.2
160' (48.77 m)	100	30.5	331.5	101.0	45.7	20.6	68.3	362.5	362.5	110.5	50.1	63.0	331.5	101.0	45.7	20.6	68.3	362.5	362.5	110.5	50.1	68.1	349.4	106.5	51.2	62.6	28.4	68.1	349.4	106.5	51.2	23.2
	110	33.5	327.3	99.8	45.7	19.3	65.0	358.2	358.2	109.2	49.6	63.0	327.3	99.8	45.7	19.3	65.0	358.2	358.2	109.2	49.6	68.1	349.4	106.5	51.2	62.6	28.4	68.1	349.4	106.5	51.2	23.2
	120	36.6	322.2	98.2	44.1	18.4	62.6	353.8	353.8	107.8	48.3	63.0	322.2	98.2	44.1	18.4	62.6	353.8	353.8	107.8	48.3	68.1	349.4	106.5	51.2	62.6	28.4	68.1	349.4	106.5	51.2	23.2
	130	39.6	316.5	96.5	42.7	17.6	59.0	348.3	348.3	106.2	47.1	63.0	316.5	96.5	42.7	17.6	59.0	348.3	348.3	106.2	47.1	68.1	349.4	106.5	51.2	62.6	28.4	68.1	349.4	106.5	51.2	23.2
	140	42.7	309.9	94.5	42.7	16.2	56.2	342.0	342.0	104.2	46.0	63.0	309.9	94.5	42.7	16.2	56.2	342.0	342.0	104.2	46.0	68.1	349.4	106.5	51.2	62.6	28.4	68.1	349.4	106.5	51.2	23.2
	150	45.7	302.4	92.2	41.3	15.4	53.8	334.8	334.8	102.5	45.0	63.0	302.4	92.2	41.3	15.4	53.8	334.8	334.8	102.5	45.0	68.1	349.4	106.5	51.2	62.6	28.4	68.1	349.4	106.5	51.2	23.2
	160	48.8	293.8	89.6	39.6	14.4	51.7	326.6	326.6	99.5	43.8	63.0	293.8	89.6	39.6	14.4	51.7	326.6	326.6	99.5	43.8	68.1	349.4	106.5	51.2	62.6	28.4	68.1	349.4	106.5	51.2	23.2
	170	51.8	284.0	86.6	38.1	13.7	48.3	317.3	317.3	97.3	42.7	63.0	284.0	86.6	38.1	13.7	48.3	317.3	317.3	97.3	42.7	68.1	349.4	106.5	51.2	62.6	28.4	68.1	349.4	106.5	51.2	23.2
	180	54.9	272.7	83.1	36.6	12.4	46.0	306.6	306.6	95.5	41.3	63.0	272.7	83.1	36.6	12.4	46.0	306.6	306.6	95.5	41.3	68.1	349.4	106.5	51.2	62.6	28.4	68.1	349.4	106.5	51.2	23.2
	190	57.9	259.5	79.1	34.9	11.7	43.8	294.0	294.0	93.0	40.0	63.0	259.5	79.1	34.9	11.7	43.8	294.0	294.0	93.0	40.0	68.1	349.4	106.5	51.2	62.6	28.4	68.1	349.4	106.5	51.2	23.2
200' (60.96 m)	100	30.5	345.7	102.4	46.0	20.6	68.3	366.7	366.7	112.4	51.7	63.0	345.7	102.4	46.0	20.6	68.3	366.7	366.7	112.4	51.7	68.1	349.4	106.5	51.2	62.6	28.4	68.1	349.4	106.5	51.2	23.2
	110	33.5	341.3	100.8	45.7	19.3	65.0	362.5	362.5	111.0	50.1	63.0	341.3	100.8	45.7	19.3	65.0	362.5	362.5	111.0	50.1	68.1	349.4	106.5	51.2	62.6	28.4	68.1	349.4	106.5	51.2	23.2
	120	36.6	336.9	99.2	44.1	18.4	62.6	358.2	358.2	109.2	49.6	63.0	336.9	99.2	44.1	18.4	62.6	358.2	358.2	109.2	49.6	68.1	349.4	106.5	51.2	62.6	28.4	68.1	349.4	106.5	51.2	23.2
	130	39.6	332.4	97.6	42.7	17.6	59.0	353.8	353.8	107.8	48.3	63.0	332.4	97.6	42.7	17.6	59.0	353.8	353.8	107.8	48.3	68.1	349.4	106.5	51.2	62.6	28.4	68.1	349.4	106.5	51.2	23.2
	140	42.7	328.3	95.9	41.3	16.2	56.2	348.3	348.3	106.2	47.1	63.0	328.3	95.9	41.3	16.2	56.2	348.3	348.3	106.2	47.1	68.1	349.4	106.5	51.2	62.6	28.4	68.1	349.4	106.5	51.2	23.2
	150	45.7	324.0	94.0	40.1	15.4	53.8	342.0	342.0	104.2	46.0	63.0	324.0	94.0	40.1	15.4	53.8	342.0	342.0	104.2	46.0	68.1	349.4	106.5	51.2	62.6	28.4	68.1	349.4	106.5	51.2	23.2
	160	48.8	319.9	92.2	38.9	14.4	51.7	334.8	334.8	102.5	45.0	63.0	319.9	92.2	38.9	14.4	51.7	334.8	334.8	102.5	45.0	68.1	349.4	106.5	51.2	62.6	28.4	68.1	349.4</			



80° Offset Luffing Boom - Working Range

GENERAL INFORMATION ONLY



FOR REFERENCE USE ONLY!

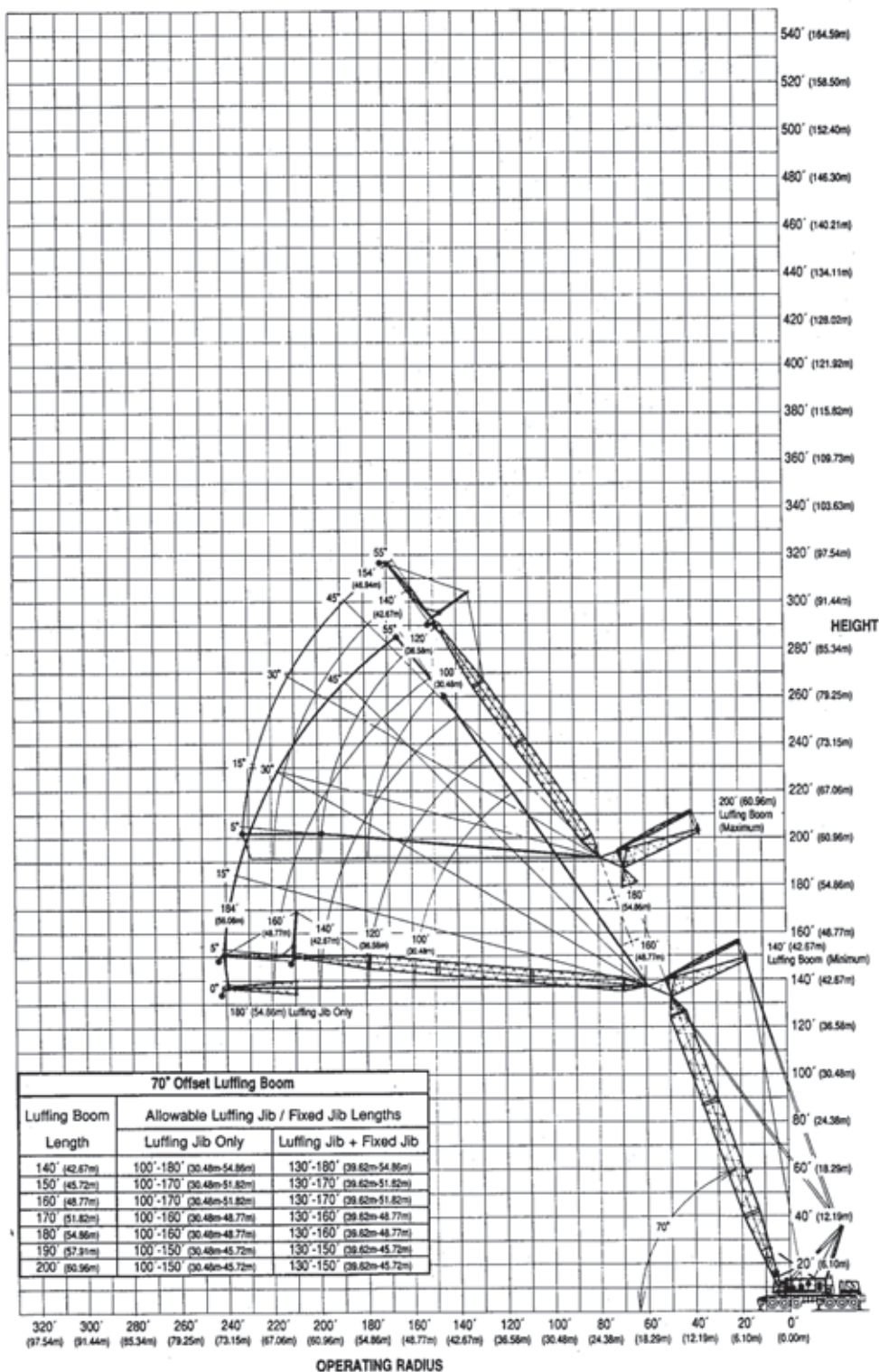
Please consult Reliable Crane Service for more information.

702-400-2516 or 702-525-0840
sales@reliablecraneservice.com



70° Offset Luffing Boom - Working Range

GENERAL INFORMATION ONLY



FOR REFERENCE USE ONLY!

Please consult Reliable Crane Service for more information.

702-400-2516 or 702-525-0840
sales@reliablecraneservice.com



HC-268 Luffing Crane Capacities - 70° Luffing Boom Angle

Refer to notes on page 10.

Luffing jib length	Lifting Capacities - 70° Luffing Boom Angle																			
	Load radius		140' (42.67 m)						170' (51.82 m)						200' (60.96 m)					
			Luffing jib angle		Luffing boom point height ①		Lifting capacities		Luffing jib angle		Luffing boom point height ①		Lifting capacities		Luffing jib angle		Luffing boom point height ①		Lifting capacities	
			Ft.	m	Deg.	Ft.	m	Lbs.	kg	Deg.	Ft.	m	Lbs.	kg	Deg.	Ft.	m	Lbs.	kg	
100' (30.48 m)	120	36.6	52.1	215.7	65.7	25.9	11.7	—	—	—	—	—	—	—	—	—	—	—	—	
	130	39.6	46.0	207.8	63.3	23.1	10.5	52.3	244.2	74.4	21	9.5	—	—	—	—	—	—		
	140	42.7	37.4	196.6	59.9	20.7	9.4	47.4	237.1	72.3	18.8	8.5	52.4	272.7	83.1	16.6	7.5			
	150	45.7	26.7	180.7	55.1	18.7	8.5	39.1	226.5	69.0	17.0	7.7	48.9	266.4	81.2	14.9	6.8			
	160	48.8	—	—	—	—	—	28.8	211.6	64.5	15.3	6.9	40.8	256.4	78.2	13.4	6.1			
	170	51.8	—	—	—	—	—	—	—	—	—	—	31.0	242.5	73.9	12.1	5.5			
140' (42.67 m)	143	43.6	52.9	248.5	75.7	18.3	8.3	—	—	—	—	—	—	—	—	—	—	—		
	150	45.7	49.3	242.8	74.0	17.0	7.7	—	—	—	—	—	—	—	—	—	—			
	160	48.8	44.7	234.3	71.4	15.3	6.9	49.4	271.3	82.7	13.5	6.1	—	—	—	—	—			
	170	51.8	38.6	223.1	68.0	13.8	6.3	45.6	263.7	80.4	12.1	5.5	49.5	299.8	91.4	10.2	4.6			
	180	54.9	31.5	208.9	63.7	12.5	5.7	39.7	252.9	77.1	10.9	4.9	46.8	293.2	89.4	9.1	4.1			
	190	57.9	22.6	189.4	57.7	11.3	5.1	32.8	239.3	72.9	9.9	4.5	40.9	282.8	86.2	8.2	3.7			
	200	61.0	—	—	—	—	—	24.3	221.0	67.4	8.9	4.0	34.2	269.8	82.2	7.3	3.3			
	210	64.0	—	—	—	—	—	—	—	—	—	—	26.1	252.6	77.0	6.5	2.9			
160' (48.77 m)	155	47.2	53.0	264.5	80.6	15.2	6.9	—	—	—	—	—	—	N/A	N/A	N/A	N/A			
	160	48.8	50.7	260.5	79.4	14.4	6.5	—	—	—	—	—								
	170	51.8	46.8	252.5	77.0	12.9	5.9	50.8	289.0	88.1	11.2	5.1								
	180	54.9	41.7	242.3	73.9	11.6	5.3	47.6	281.7	85.9	10.0	4.5								
	190	57.9	36.0	229.9	70.1	10.5	4.8	42.6	271.8	82.8	9.0	4.1								
	200	61.0	29.5	214.4	65.3	9.5	4.3	37.0	259.8	79.2	8.0	3.6								
	210	64.0	21.1	193.3	58.9	8.6	3.9	30.6	245.0	74.7	7.2	3.3								
	220	67.1	—	—	—	—	—	22.7	225.2	68.6	6.4	2.9								
180' (54.86 m)	170	51.8	51.8	278.2	84.8	12.0	5.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A				
	180	54.9	48.4	270.4	82.4	10.7	4.9													
	190	57.9	44.0	260.9	79.5	9.6	4.4													
	200	61.0	39.3	249.6	76.1	8.6	3.9													
	210	64.0	33.9	236.2	72.0	7.7	3.5													
	220	67.1	27.8	219.5	66.9	6.9	3.1													
	230	70.1	19.9	197.0	60.0	6.2	2.8													

Capacities shown in thousand pounds and thousand kilograms.

① Measured vertically from center of luffing jib head sheave to ground.

GENERAL INFORMATION ONLY



HC-268 Luffing Crane Capacities - 80° Luffing Boom Angle

Refer to notes or

Lifting Capacities - 80° Luffing Boom Angle																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
Luffing jib length	140' (42.67 m)				170' (51.82 m)				200' (60.96 m)				220' (67.06 m)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
	Load radius		Luffing jib angle	Luffing boom point height (1)	Lifting capacities		Luffing jib angle	Luffing boom point height (1)	Lifting capacities		Luffing jib angle	Luffing boom point height (1)	Lifting capacities																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
	Fl	m			Deg.	Fl			m	Deg.			Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl	m	Deg.	Fl

Capacities shown in thousand pounds and thousand kilograms.
(1) Measured vertically from center of luffing jib head sheave to ground.