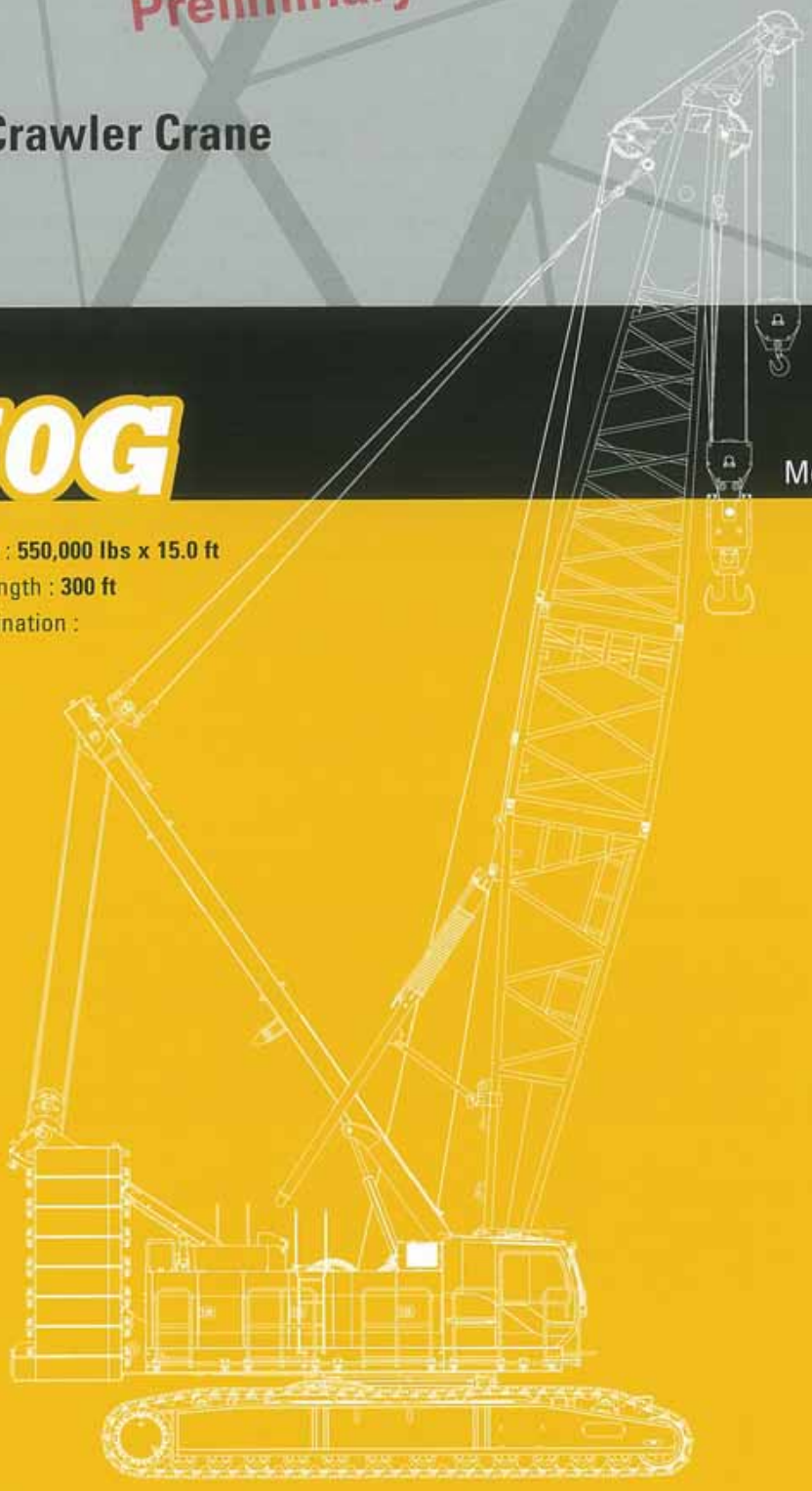
Preliminary

Hydraulic Crawler Crane

CK 2750G

Model : CK2750G

Max. Lifting Capacity : **550,000 lbs x 15.0 ft**
Max. Crane Boom Length : **300 ft**
Max. Fixed Jib Combination :
250 ft + 100 ft



KOBELCO

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SPECIFICATIONS

Power Plant

Model: HINO P11C-VC
Type: 4 cycle, water-cooled, vertical in-line 6, direct injection, turbo-charger, intercooler
Complies with US EPA Tier Interim Tier IV and NRMM (Europe) Stage IIIB
Displacement: 642 cu in (10.520 liters)
Rated Power: 363 HP/1,850 rpm (271 kW/1,850 min^{-1})
Max. torque: 1,084 lbf-ft / 1,400 rpm (1,469 N-m/1,400 min^{-1})
Cooling system: Water-cooled
Starter: 24V-6kW
Radiator: Corrugated type core, thermostatically controlled
Air cleaner: Dry type with replaceable paper element
Throttle: Twist grip type hand throttle, electrically actuated
Fuel filter: Replaceable paper element
Batteries: Two 12V x 136 Ah/5HR capacity batteries, series connected
Fuel tank capacity: 106 US gal. (400 liters)

Hydraulic System

Main pumps: 4 variable displacement piston pumps
Control: Full-flow hydraulic control system for infinitely variable pressure to all winches, propel and swing. Controls respond instantly to the touch, delivering smooth function operation.
Cooling: Oil-to-air heat exchanger (plate-fin type)
Filtration: Full-flow and bypass type with replaceable element
Electrical system: All wiring corded for easy servicing, individual fused branch circuits.
Max. relief valve pressure:
Load hoist, boom hoist and propel system:
4,626 psi (31.9 MPa)
Swing system: 3,989 psi (27.5 MPa)
Control system: 783 psi (5.4 MPa)
Hydraulic tank capacity: 171.7 US gal. (650 liters)

Boom Hoisting System

Powered by a hydraulic motor through a planetary reducer.
Brake: A spring-set, hydraulically released multiple-disc brake is mounted on the boom hoist motor and operated through a counter-balance valve.
Drum lock: External ratchet for locking drum
Drum: Double drum, grooved for 1-1/32 inch (26 mm) dia. wire rope
Line speed: Double line on first drum layer
Hoisting/Lowering: 72 to 6.6 ft/min (22 to 2 m/min) x 2
Diameter of wire rope
Main winch: 1-1/32 in. x 1,575 ft (26 mm x 480 m)
Aux. winch: 1-1/32 in. x 1,280 ft (26 mm x 390 m)
Third winch: 27/32 in. x 869 ft (22 mm x 265 m)
Boom hoisting/lowering: 1-1/32 in. x 935 ft (26 mm x 285 m)
Boom guy line: 1-1/2 in. (38 mm)
Boom backstops: Required for all boom length

Load Hoist System

Front and rear drums for load hoist powered by a hydraulic variable plunger motors, driven through planetary reducers.
Negative brake: A spring-set, hydraulically released multiple-disc brake is mounted on the hoist motor and operated through a counter-balance valve. (Positive free fall brake is optional)
Drum lock: External ratchet for locking drum
Drums:
Front drums:
2 ft 5/16 inch (618 mm) P.C.D x 2ft 10-1/32 inch (864 m) Lg., wide drum, grooved for 1-1/32 inch (26 mm) wire rope. Rope capacity is 1,575 ft (480 m) working length and 1,673 ft (510 m) storage length.
Rear drums:
2 ft 5/16 inch (618 mm) P.C.D x 2ft 9/32 inch (864 m) Lg., wide drum, grooved for 1-1/32 inch (26 mm) wire rope. Rope capacity is 1,280 ft (390 m) working length and 1,673 ft (510 m) storage length.
Line speed: Single line on first drum layer
Hoisting/Lowering: 380 to 10 ft
Line pull:
Max. line pull (Single line): 56,700 lbs (252 kN)
Rated line pull: 29,700 lbs (132 kN)

Swing System

Swing unit is powered by hydraulic motor driving spur gears through planetary reducers (2 set), the swing system provides 360° rotation.
Swing parking brakes: A spring-set, hydraulically released multiple-disc brake is mounted on swing motor.
Swing circle: Single-row ball bearing with an integral internally cut swing gear.
Swing lock: Manually, four position lock for transportation
Swing speed: 2.0 rpm (min^{-1})

Upper Structure

Torsion-free precision machined upper frame. All components are located clearly and service friendly. Engine will with low noise level.
Counter weight: 199,300 lbs

Cab & Control

Totally enclosed, full vision cab with safety glass, fully adjustable, high backed seat with a headrest and armrests, and intermittent wiper and window washer (skylight and front window).

Cab fittings:
Air conditioner, convenient compartment (for tool), cup holder, ashtray, cigarette lighter, sun visor, roof blind, tinted glass, floor mat, footrest, shoe tray, and foot acceleration pedal.
Controls:
Four adjustable levers for front drum, rear drum, boom drum and swing controls.

Lower Structure

Steel-welded carbody with axles. Crawler assemblies are designed with quick disconnect feature for individual removal as a unit from axles. Crawler belt tension is maintained by hydraulic jack force on the track adjusting bearing block.
Carbodyweight: 60,500 lbs
Crawler drive: Independent hydraulic propel drive is built into each crawler side frame. Each drive consists of a hydraulic motor propelling a driving tumbler through a planetary gear box. Hydraulic motor and gear box are built into the crawler side frame within the shoe width.
Crawler brakes: Spring-set, hydraulically released parking brakes are built into each propel drive.
Steering mechanism: A hydraulic propel system provides both skid steering (driving one track only) and counter-rotating steering (driving each track in opposite directions).
Track rollers: Sealed track rollers for maintenance-free operation.
Shoe (flat): 4 ft 4 in wide each crawler
Max. gradeability: 30 %

Weight

Including upper and lower machine, 199,300 lbs counterweight and 60,500 lbs carbody weight, basic boom (or basic boom + basic jib), hook, and other accessories.

Weight: 481,700 lbs (220 t)
Ground pressure: 15.0 psi (112 kPa)

Attachment

Boom and Jib:
Welded lattice construction using tubular, high-tensile steel chords with pin connections between sections.

Boom and Jib Length

	Min. Length (Min. Combination)	Max. Length (Max. Combination)
Crane Boom	50 ft	300 ft
Fixed Jib	90 ft + 40 ft	250 ft + 100 ft

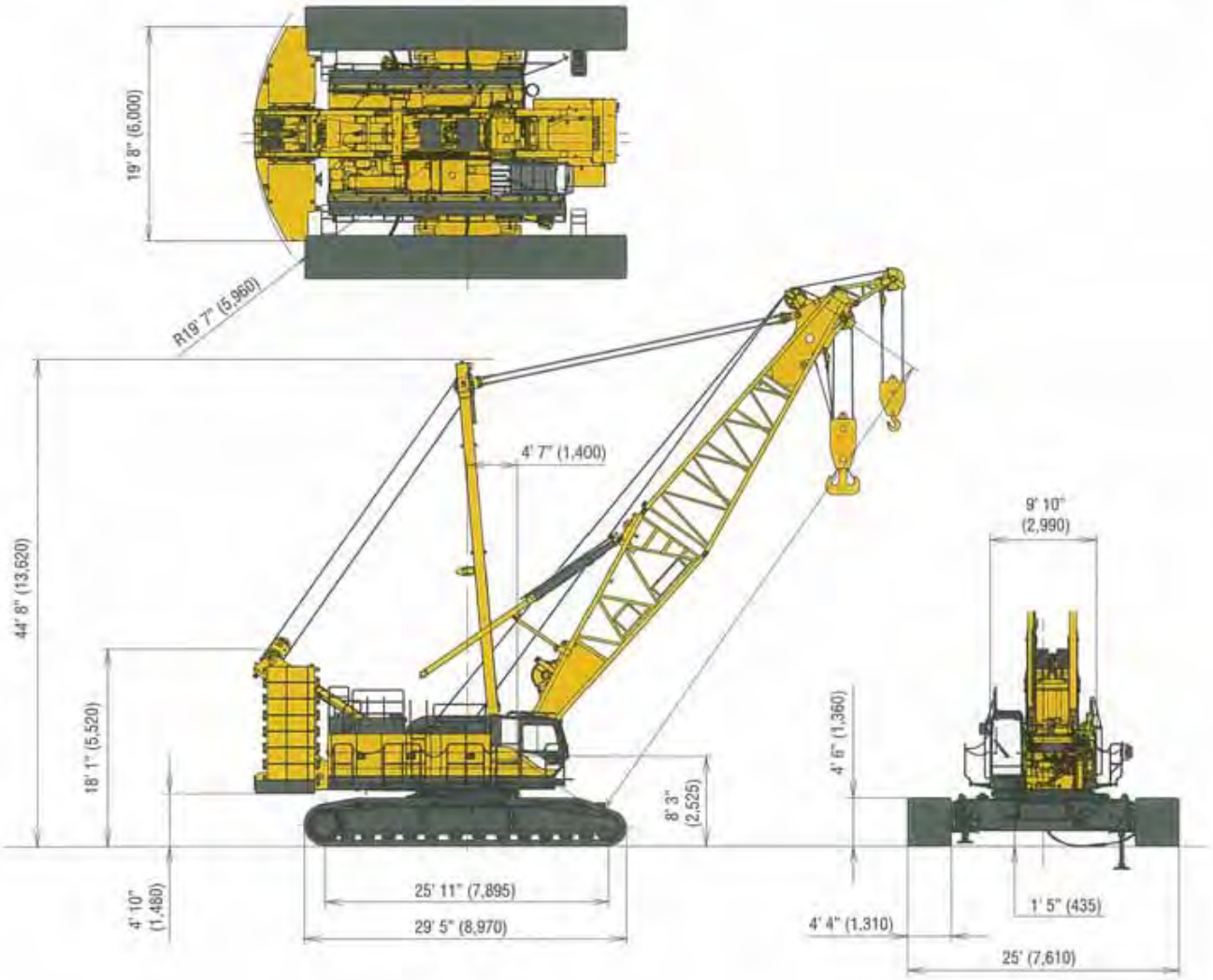
Main Specifications (Model: CK2750G)

Crane Boom	
Max. Lifting Capacity	550,000 lbs
Length	50 – 300 ft
Fixed Jib	
Max. Lifting Capacity	373,400 lbs
Max. Length	100 ft
Max. Combination	250 ft + 100 ft
Power Plant	
Model	HINO P11C-VC
Engine Output	363 HP/1,850 rpm
Fuel Tank Capacity	106 US gal. (400 liters)
Main & Aux. Winch	
Max. Line Speed	361 ft/min (110 m/min): 1st layer
Rated Line Pull (single Line)	56,700 lbs (252 kN)
Wire Rope Diameter	1-1/32 in (26 mm)
Brake Type	Spring set hydraulically released (Negative)

Working Speed	
Swing Speed	2.0 rpm (min^{-1})
Travel Speed	0.69/0.43 mph
Hydraulic System	
Main pumps	4 variable displacement
Max. Pressure	4,626 psi (31.9 MPa)
Hydraulic Tank Capacity	171.7 US gal. (650 liters)
Weight	
Operating Weight	481,700 lbs
Ground Pressure	15.0 psi (112 kPa)
Counterweight	199,300 lbs
Transport Weight	99,760 lbs

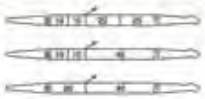
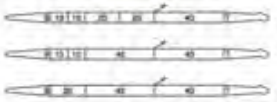
GENERAL DIMENSIONS

Unit: ft-in (mm)



BOOM AND JIB ARRANGEMENTS

Crane Boom Arrangements

Boom length ft (m)	Boom arrangement
50 (15.2)	
60 (18.3)	
70 (21.3)	
80 (24.4)	
90 (27.4)	
100 (30.5)	
110 (33.5)	
120 (36.6)	
130 (39.6)	
140 (42.7)	
150 (45.7)	
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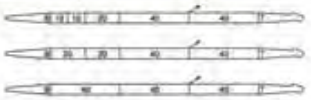
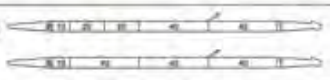
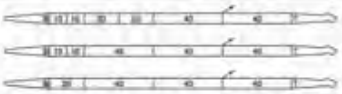
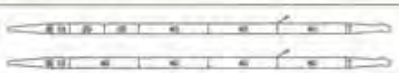
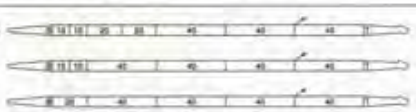
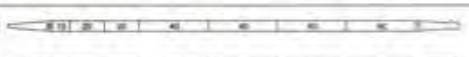
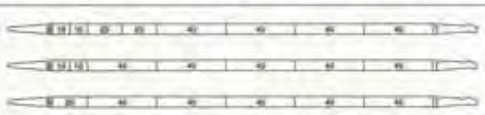
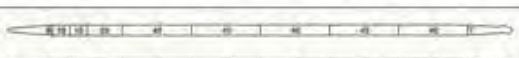
170 (51.8)	

Boom length ft (m)	Boom arrangement
180 (54.9)	
190 (57.9)	
200 (61.0)	
210 (64.0)	
220 (67.1)	
230 (70.1)	
240 (73.2)	
250 (76.2)	
260 (79.3)	
270 (82.3)	
280 (85.3)	
290 (88.4)	
300 (91.4)	

Symbol	Boom Length	Remarks
	25.0 ft (7.6 m)	Boom Base
	25.0 ft (7.6 m)	Boom Top
	10.0 ft (3.0 m)	Insert Boom
	20.0 ft (6.1 m)	Insert Boom
	40.0 ft (12.2 m)	Insert Boom

⌐ mark shows the guy line installing position when the fixed jib is used.

※ mark shows the standard crane boom arrangement which enables each boom length of less than that boom length to be configured.

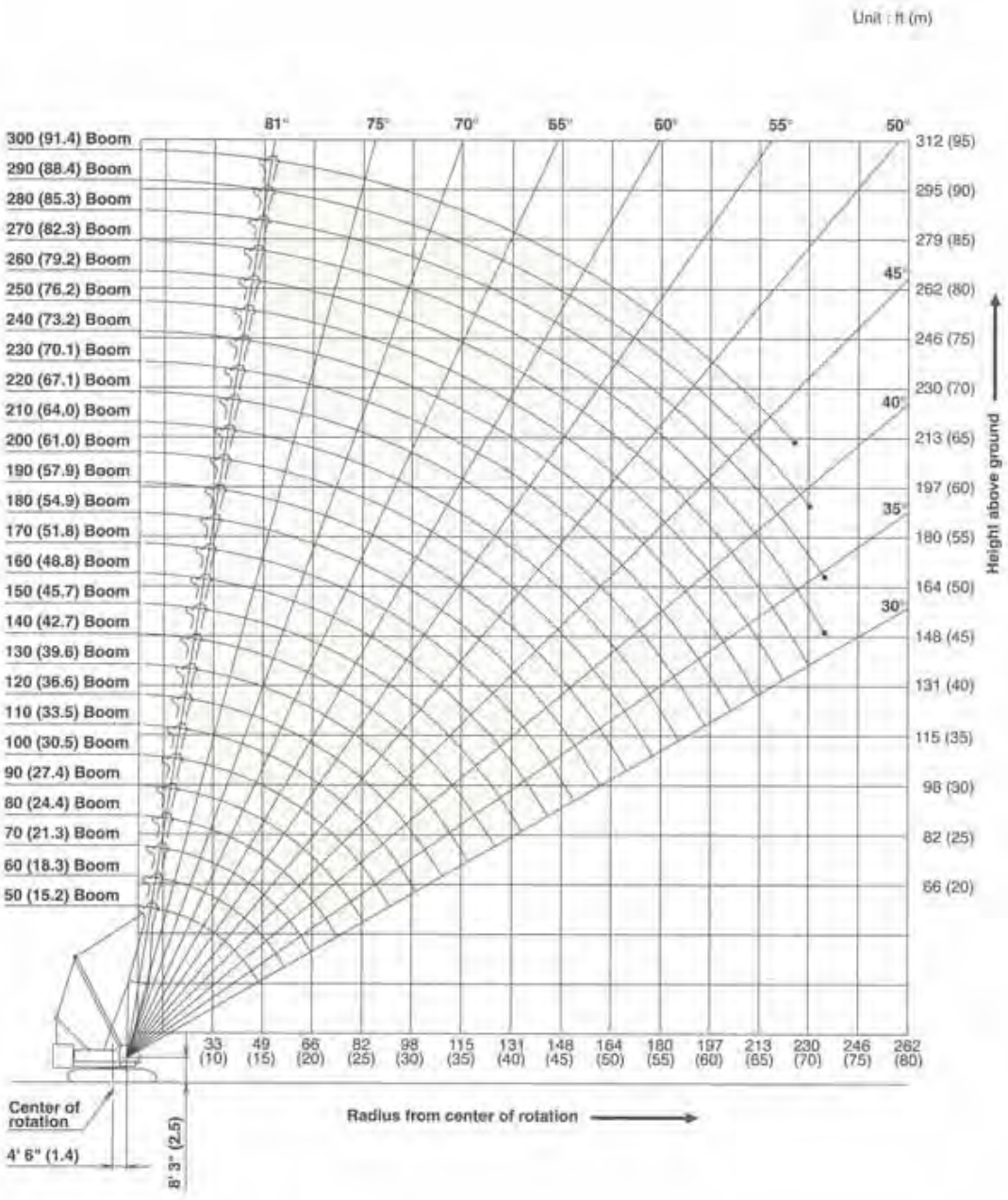
Fixed Jib Arrangements

Crane boom length	Jib length ft (m)	Jib arrangement
90 ft (27.4 m) ≀ 250 ft (76.2 m)	40 (12.2)	
	60 (18.3)	
	80 (24.4)	
	100 (30.5)	

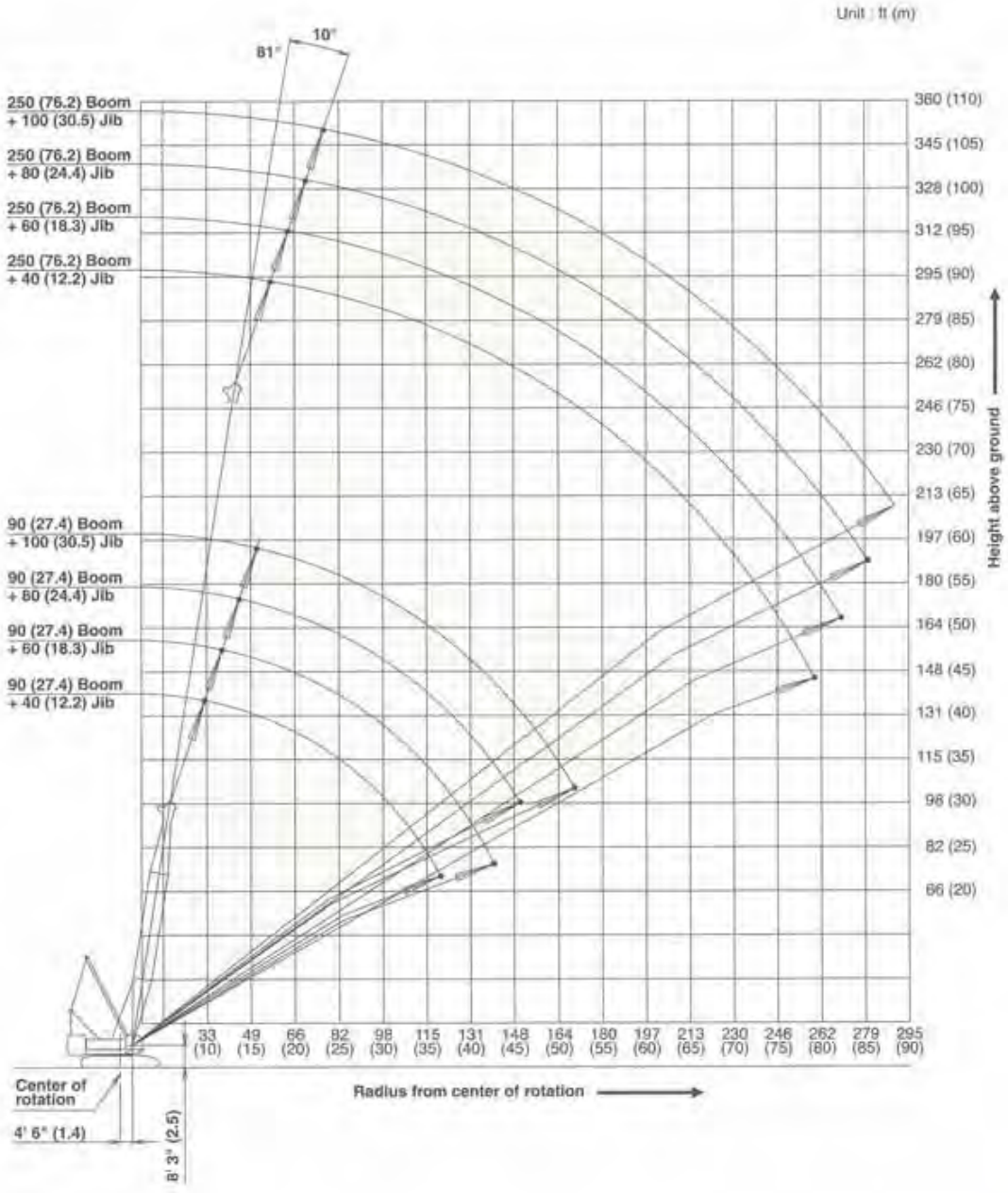
Symbol	Jib Length	Remarks
	15 ft (4.6 m)	Jib Base
	15 ft (4.6 m)	Jib Top
	10 ft (3.0 m)	Insert Jib
	20 ft (6.1 m)	Insert Jib

WORKING RANGES

Main Boom

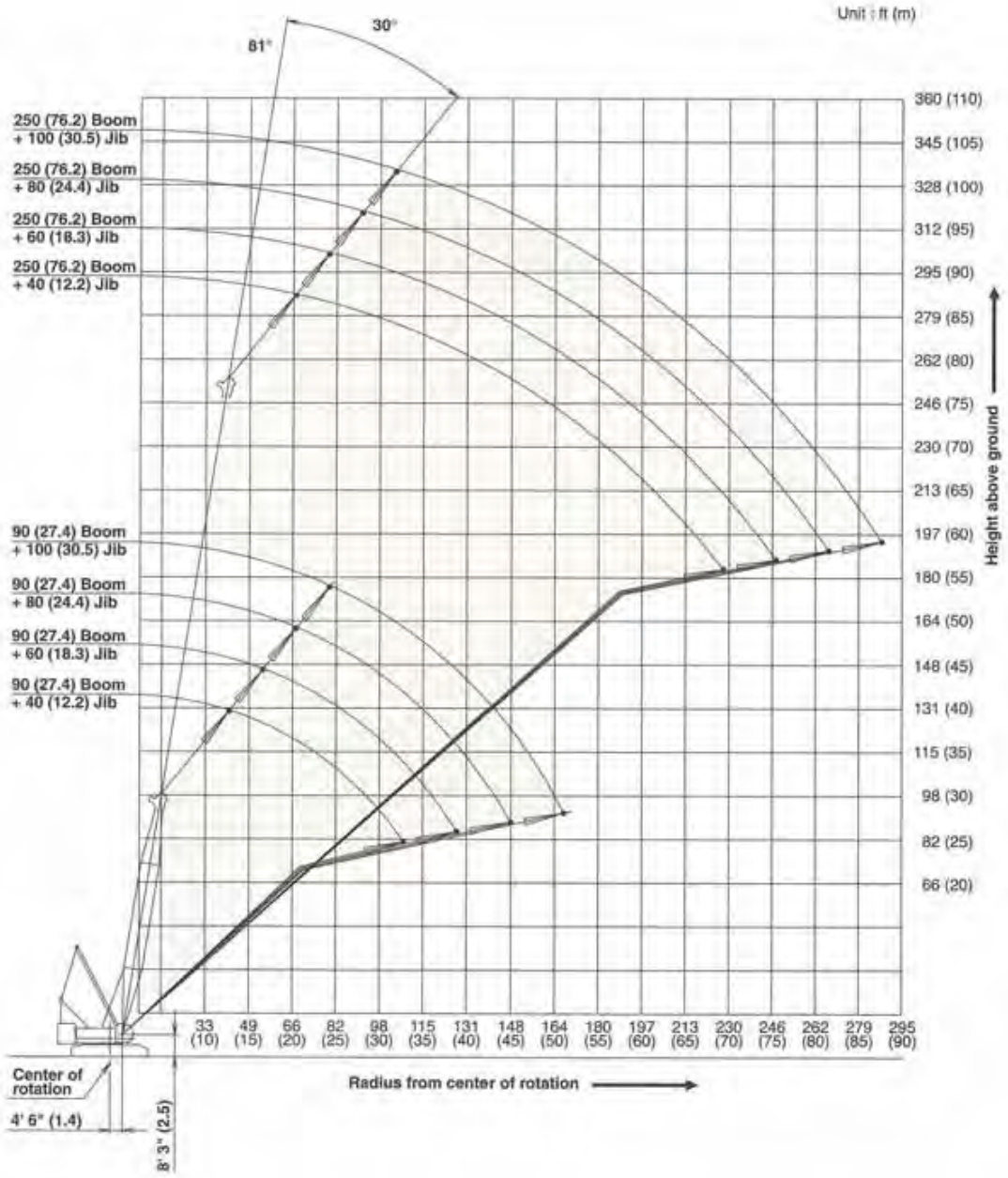


Fixed Jib 10°



WORKING RANGES

Fixed Jib 30°



SUPPLEMENTAL DATA

1. Rated loads included in the charts are the maximum allowable freely suspended loads at a given boom length, boom angle and load radius, and have been determined for the machine standing level on firm supporting surface under ideal operating conditions. The user must limit or de-rate rated loads to allow for adverse conditions (such as soft or uneven ground, out-of-level conditions, wind, side loads, pendulum action, jerking or sudden stopping of loads, inexperience of personnel, multiple machine lifts, and traveling with a load).
2. Capacities do not exceed 75% of minimum tipping loads. Capacities based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.
3. The machine must be reeved and set-up as stated in the operation manual and all the instruction manuals if these manuals are missing, obtain replacements.
   - Boom backstops are required for all boom lengths.
   - Gantry must be fully raised position for all operations.
   - The crane must be leveled to within 1% on a firm supporting surface.
4. Do not attempt to lift where no radius on load is listed as crane may tip or collapse.
5. Attempting to lift more than rated loads may cause machine to tip or collapse. Do not tip machine to determine capacity.
6. The boom should be erected over the front of the crawlers, not laterally. When erecting and lowering the crane boom at length of 290 ft (88.4m) or over and the crane boom with fixed jib at length of 250 ft (76.2 m), the blocks for erection must be placed at the end of the crawlers.
7. **(CRANE BOOM LIFTING)**
   The total load that can be lifted is the value for weight of main hook block, slings, and all other load handling accessories deducted from crane boom ratings shown.
8. **(CRANE BOOM LIFTING WITH AUXILIARY SHEAVE FRAME)**
   The total load that can be lifted is the value for weight of main hook block, auxiliary sheave hook block, auxiliary sheave (700 lbs), slings, and all other load handling accessories deducted from crane boom ratings shown.
   Boom lengths that can attach auxiliary sheave are from 50 ft (15.2 m) to 290 ft (88.4 m).
9. **(AUXILIARY SHEAVE LIFTING FOR CRANE BOOM)**
   The total load that can be lifted is the value for weight of auxiliary sheave hook block, main hook block, auxiliary sheave (700 lbs), slings, and all other load handling accessories deducted from crane boom ratings shown, but it should not exceed 59,500lbs.
   Boom lengths that can attach auxiliary sheave are from 50 ft (15.2m) to 290 ft (88.4 m).
10. **(CRANE BOOM LIFTING WITH FIXED JIB)**
    The total load that can be lifted is the value for weight of main hook block, slings, and all other load handling accessories deducted from crane boom with fixed jib ratings shown.
    Boom lengths for jib mounting are 90 ft (27.4 m) to 250 ft (76.2 m).
11. **(FIXED JIB LIFTING)**
    The total load that can be lifted is the value for weight of jib-hook block, slings, and all other load handling accessories deducted from fixed jib ratings shown.
    Boom lengths for jib mounting are 90 ft (27.4 m) to 250 ft (76.2 m).
    One part of line on hook is not allowed to use for 40ft (12.2 m) jib length with offset angle 10 degrees.
12. Least stable position is over the side.

SUPPLEMENTAL DATA

13. Maximum hoist load for number of reeving parts of line for hoist rope.

Main Boom Hoist Loads

No. of Parts of Line	1	2	3	4	5
Maximum Loads (lbs)	29,700	59,500	89,200	119,000	148,800
Maximum Loads (t)	13.5	27.0	40.5	54.0	67.5
No. of Parts of Line	6	7	8	10	12
Maximum Loads (lbs)	178,500	208,300	238,000	297,600	352,700
Maximum Loads (t)	81.0	94.5	108.0	135.0	135.0
No. of Parts of Line	14	16	18	20	22
Maximum Loads (lbs)	403,400	451,900	500,400	529,100	550,000
Maximum Loads (t)	183.0	205.0	227.0	240.0	250.0

Jib Hoist Loads

No. of Parts of Line	1	2
Maximum Loads (lbs)	29,700	59,500
Maximum Loads (t)	13.5	27.0

Auxiliary Hoist Loads

No. of Parts of Line	1	2
Maximum Loads (lbs)	29,700	59,500
Maximum Loads (t)	13.5	27.0

14. Hook blocks that weight is close to the value shown below must be used.

Hook block	275 US t	165 US t	110 US t	77 US t	39 US t	15 US t ball hook
Weight(lbs)	9,260	5,075	3,970	2,650	1,990	1,000

⚠ WARNING

If the weight of hook block to be used is lighter than the recommended weight, the jib may turnover backward or it is difficult to lower the empty hook block.

15. Lifting capacities listed apply only to the machine as originally manufactured and designed by KOBELCO CRANES CO.,LTD. Modifications to this machine or use of equipment other than that specified can reduce operating capacity.

16. Designed and rated to comply with ANSI Code B30.5.

Operation of this equipment in excess of rated loads or disregard of instruction voids the warranty.

LIFTING CAPACITY

Crane Boom Lifting Capacity

Unit: lbs

Counterweight: 199,300 lbs, Carbody weight: 60,500 lbs

50' Boom			60' Boom			70' Boom			80' Boom			90' Boom		
Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
15.0	79.5	550,000 *	16.4	80.0	499,700 *	18.0	80.0	451,900 *	20.0	80.0	403,400 *	21.6	80.0	384,700 *
16.0	**78.4**	**521,700 ***	**17.0**	**79.4**	**485,600 ***	**19.0**	**79.3**	**434,000 ***	**22.0**	**78.4**	**376,700 ***	**22.0**	**79.7**	**378,900 ***
17.0	77.3	492,900 *	18.0	78.4	462,000 *	20.0	78.4	415,800 *	24.0	77.0	349,900 *	24.0	78.4	349,300 *
18.0	**76.1**	**466,500 ***	**19.0**	**77.5**	**438,300 ***	**22.0**	**76.8**	**381,000 ***	**26.0**	**75.5**	**323,300 ***	**26.0**	**77.1**	**322,700 ***
19.0	74.9	440,200 *	20.0	76.5	416,600 *	24.0	75.1	350,400 *	28.0	74.0	301,700 *	28.0	75.8	300,900 *
20.0	**73.7**	**416,700 ***	**22.0**	**74.5**	**381,800 ***	**26.0**	**73.4**	**323,800 ***	**30.0**	**72.5**	**281,600 ***	**30.0**	**74.5**	**280,200 ***
22.0	71.2	382,300 *	24.0	72.5	351,300 *	28.0	71.6	302,100 *	32.0	71.0	264,600 *	32.0	73.2	260,700 *
24.0	**68.8**	**351,900 ***	**26.0**	**70.4**	**324,700 ***	**30.0**	**69.9**	**282,100 ***	**34.0**	**69.4**	**247,000**	**34.0**	**71.8**	**243,000**
26.0	66.3	325,300 *	28.0	68.4	302,900 *	32.0	68.1	265,000 *	36.0	67.9	229,000	36.0	70.5	226,500
28.0	**63.7**	**303,500 ***	**30.0**	**66.3**	**282,700 ***	**34.0**	**66.3**	**247,300**	**38.0**	**66.3**	**211,100**	**38.0**	**69.1**	**210,100**
30.0	61.1	283,400 *	32.0	64.2	265,700 *	36.0	64.5	229,300	40.0	64.7	195,000	40.0	67.7	195,000
32.0	**58.4**	**266,300 ***	**34.0**	**62.0**	**247,900**	**38.0**	**62.6**	**211,200**	**42.0**	**63.1**	**183,100**	**42.0**	**66.3**	**183,000**
34.0	55.5	248,300	36.0	59.7	229,600	40.0	60.8	195,000	44.0	61.5	171,100	44.0	64.9	171,000
36.0	**52.6**	**229,700**	**38.0**	**57.5**	**211,300**	**42.0**	**58.8**	**183,100**	**46.0**	**59.8**	**159,300**	**46.0**	**63.5**	**159,100**
38.0	49.6	211,100	40.0	55.2	195,000	44.0	56.9	171,100	48.0	58.1	151,100	48.0	62.0	150,800
40.0	**46.4**	**194,600**	**42.0**	**52.7**	**183,100**	**46.0**	**54.9**	**159,300**	**50.0**	**56.4**	**142,900**	**50.0**	**60.6**	**142,500**
42.0	42.9	182,600	44.0	50.2	171,100	48.0	52.8	151,100	55.0	51.9	125,200	55.0	56.8	124,700
44.0	**39.3**	**170,700**	**46.0**	**47.7**	**159,300**	**50.0**	**50.6**	**142,900**	**60.0**	**47.1**	**110,900**	**60.0**	**52.9**	**110,500**
46.0	35.7	158,700	48.0	44.8	151,100	55.0	45.0	125,200	65.0	41.9	99,700	65.0	48.7	99,200
48.0	**31.3**	**147,800**	**50.0**	**42.0**	**142,900**	**60.0**	**38.7**	**110,900**	**70.0**	**36.0**	**90,500**	**70.0**	**44.2**	**90,000**
48.5	30.0	144,800 *	55.0	34.0	125,100	65.0	31.4	99,700	74.4	30.0	82,800	75.0	39.3	82,100
			57.4	**30.0**	**117,900**	**65.9**	**30.0**	**97,600**				**80.0**	**33.9**	**75,200**
												83.3	30.0	71,200
Reeves		22	Reeves		18	Reeves		16	Reeves		14	Reeves		14

100' Boom			110' Boom			120' Boom			130' Boom			140' Boom		
Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
23.2	80.0	339,900 *	25.2	80.0	317,000 *	26.9	80.0	280,600 *	28.5	80.0	255,000 *	30.1	80.0	236,300 *
24.0	**79.6**	**334,800 ***	**26.0**	**79.5**	**313,000 ***	**28.0**	**79.4**	**277,400 ***	**30.0**	**79.4**	**250,700 ***	**32.0**	**79.3**	**231,100 ***
26.0	78.4	320,500 *	28.0	78.4	295,100 *	30.0	78.4	268,700 *	32.0	78.5	240,700 *	34.0	78.5	221,600 *
28.0	**77.3**	**298,000 ***	**30.0**	**77.4**	**276,100 ***	**32.0**	**77.5**	**250,800 ***	**34.0**	**77.5**	**228,900 ***	**36.0**	**77.6**	**209,600 ***
30.0	76.1	276,100 *	32.0	76.3	257,300 *	34.0	76.5	235,300	36.0	76.6	215,700 *	38.0	76.8	197,600 *
32.0	**74.9**	**260,000 ***	**34.0**	**75.2**	**240,400**	**36.0**	**75.5**	**221,500**	**38.0**	**75.7**	**202,500 ***	**40.0**	**75.9**	**186,400**
34.0	73.7	243,500	36.0	74.1	224,700	38.0	74.5	207,600	40.0	74.8	190,200	42.0	75.1	177,000
36.0	**72.5**	**226,800**	**38.0**	**73.1**	**209,100**	**40.0**	**73.5**	**194,400**	**42.0**	**73.9**	**179,600**	**44.0**	**74.2**	**167,700**
38.0	71.3	210,000	40.0	72.0	194,600	42.0	72.5	182,300	44.0	73.0	168,900	46.0	73.4	158,400
40.0	**70.1**	**194,800**	**42.0**	**70.8**	**182,500**	**44.0**	**71.5**	**170,300**	**46.0**	**72.0**	**158,400**	**48.0**	**72.5**	**150,100**
42.0	68.8	182,800	44.0	69.7	170,500	46.0	70.5	158,400	48.0	71.1	150,100	50.0	71.6	141,700
44.0	**67.6**	**170,700**	**46.0**	**68.6**	**158,600**	**48.0**	**69.5**	**150,200**	**50.0**	**70.2**	**141,900**	**55.0**	**69.5**	**123,800**
46.0	66.3	158,800	48.0	67.5	150,400	50.0	68.4	142,000	55.0	67.8	124,000	60.0	67.3	109,600
48.0	**65.1**	**150,600**	**50.0**	**66.3**	**142,100**	**55.0**	**65.8**	**124,200**	**60.0**	**65.4**	**109,600**	**65.0**	**65.0**	**98,100**
50.0	63.8	142,300	55.0	63.4	124,300	60.0	63.2	109,800	65.0	62.9	98,100	70.0	62.7	88,800
55.0	**60.5**	**124,600**	**60.0**	**60.5**	**110,000**	**65.0**	**60.4**	**98,400**	**70.0**	**60.4**	**88,900**	**75.0**	**60.4**	**80,800**
60.0	57.1	110,400	65.0	57.4	98,600	70.0	57.6	89,100	75.0	57.8	81,000	80.0	58.0	73,900
65.0	**53.6**	**99,000**	**70.0**	**54.2**	**89,200**	**75.0**	**54.7**	**81,200**	**80.0**	**55.2**	**74,000**	**85.0**	**55.5**	**68,000**
70.0	49.9	89,800	75.0	50.9	81,300	80.0	51.7	74,300	85.0	52.4	68,000	90.0	53.0	62,900
75.0	**46.0**	**81,900**	**80.0**	**47.4**	**74,500**	**85.0**	**48.6**	**68,200**	**90.0**	**49.5**	**63,100**	**95.0**	**50.3**	**58,400**
80.0	41.8	75,000	85.0	43.8	68,400	90.0	45.3	63,300	95.0	46.5	58,500	100.0	47.6	54,300
85.0	**37.3**	**69,300**	**90.0**	**39.7**	**63,500**	**95.0**	**41.7**	**58,800**	**100.0**	**43.4**	**54,400**	**110.0**	**41.7**	**47,500**
90.0	32.0	64,200	95.0	35.4	59,000	100.0	38.0	54,900	110.0	36.4	47,700	120.0	35.0	42,000
91.8	**30.0**	**62,300**	**100.0**	**30.6**	**55,100**	**109.2**	**30.0**	**48,700**	**117.7**	**30.0**	**43,400**	**126.6**	**30.0**	**38,800**
			100.7	30.0	54,600									
Reeves		12	Reeves		12	Reeves		10	Reeves		10	Reeves		8

Note: Designed and rated to comply with ANSI Code B30.5
Capacities based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.
Refer to notes P12 and P13

Crane Boom Lifting Capacity

Unit: lbs

Counterweight: 199,300 lbs, Carbody weight: 60,500 lbs

150' Boom			160' Boom			170' Boom			180' Boom			190' Boom		
Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
32.1	80.0	216,700 *	33.7	80.0	204,100 *	35.4	80.0	186,700 *	37.4	80.0	179,400 *	39.0	80.0	167,700 *
34.0	**79.2**	**208,500 ***	**34.0**	**79.9**	**203,200 ***	**36.0**	**79.8**	**185,000 ***	**38.0**	**79.8**	**177,100 ***	**40.0**	**79.7**	**164,200 ***
36.0	78.5	199,600 *	36.0	79.2	194,800 *	38.0	79.1	179,200 *	40.0	79.1	169,500 *	42.0	79.1	157,300 *
38.0	**77.7**	**190,800 ***	**38.0**	**78.5**	**186,500 ***	**40.0**	**78.5**	**172,800 ***	**42.0**	**78.5**	**161,700 ***	**44.0**	**78.5**	**150,400 ***
40.0	76.9	181,900 *	40.0	77.7	178,100 *	42.0	77.8	165,100 *	44.0	77.8	154,000 *	46.0	77.8	143,500 *
42.0	**76.1**	**173,200 ***	**42.0**	**77.0**	**169,600 ***	**44.0**	**77.1**	**157,300 ***	**46.0**	**77.2**	**146,300**	**48.0**	**77.2**	**137,600 ***
44.0	75.3	164,500 *	44.0	76.2	161,100 *	46.0	76.4	149,600	48.0	76.5	140,300	50.0	76.6	131,700 *
46.0	**74.5**	**155,800**	**46.0**	**75.5**	**152,700**	**48.0**	**75.7**	**143,400**	**50.0**	**75.8**	**134,300**	**55.0**	**75.0**	**118,500**
48.0	73.7	148,100	48.0	74.8	145,900	50.0	75.0	137,200	55.0	74.2	120,400	60.0	73.5	107,000
50.0	**72.9**	**140,500**	**50.0**	**74.0**	**139,100**	**55.0**	**73.2**	**122,200**	**60.0**	**72.5**	**108,000**	**65.0**	**71.9**	**96,100**
55.0	70.9	123,300	55.0	72.1	123,100	60.0	71.5	108,500	65.0	70.8	96,600	70.0	70.3	86,900
60.0	**68.9**	**108,900**	**60.0**	**70.2**	**108,700**	**65.0**	**69.7**	**97,000**	**70.0**	**69.1**	**87,200**	**75.0**	**68.7**	**78,900**
65.0	66.8	97,500	65.0	68.3	97,300	70.0	67.8	87,700	46.0	67.4	79,200	80.0	67.0	71,800
70.0	**64.7**	**88,300**	**70.0**	**66.4**	**88,000**	**75.0**	**66.0**	**79,600**	**80.0**	**65.7**	**72,300**	**85.0**	**65.4**	**65,800**
75.0	62.5	80,300	75.0	64.4	80,000	80.0	64.1	72,700	85.0	63.9	66,200	90.0	63.7	60,800
80.0	**60.4**	**73,400**	**80.0**	**62.4**	**73,000**	**85.0**	**62.2**	**66,700**	**90.0**	**62.1**	**61,100**	**95.0**	**62.0**	**56,300**
85.0	58.1	67,300	85.0	60.3	67,100	90.0	60.3	61,600	95.0	60.3	56,600	100.0	60.3	52,100
90.0	**55.8**	**62,200**	**90.0**	**58.2**	**62,000**	**95.0**	**58.3**	**57,100**	**100.0**	**58.4**	**52,600**	**110.0**	**56.7**	**45,300**
95.0	53.5	57,700	95.0	56.1	57,500	100.0	56.3	53,000	110.0	54.6	45,700	120.0	53.0	39,800
100.0	**51.0**	**53,700**	**100.0**	**53.9**	**53,500**	**110.0**	**52.1**	**46,100**	**120.0**	**50.6**	**40,100**	**130.0**	**49.1**	**35,100**
110.0	45.9	46,800	110.0	49.3	46,600	120.0	47.7	40,700	130.0	46.3	35,500	140.0	45.0	31,200
120.0	**40.2**	**41,300**	**120.0**	**44.3**	**41,100**	**130.0**	**42.9**	**36,000**	**140.0**	**41.6**	**31,600**	**150.0**	**40.5**	**27,800**
130.0	33.8	36,600	130.0	38.9	36,400	140.0	37.6	32,100	150.0	36.6	28,300	160.0	35.5	24,900
135.1	**30.0**	**34,600**	**140.0**	**32.6**	**32,700**	**150.0**	**31.7**	**28,900**	**160.0**	**30.7**	**25,400**	**169.9**	**30.0**	**22,400**
			144.0	30.0	31,300	152.5	30.0	28,200	161.0	30.0	25,100			
Reeves		**8**	**Reeves**		**7**	**Reeves**		**7**	**Reeves**		**7**	**Reeves**		**6**

200' Boom			210' Boom			220' Boom			230' Boom			240' Boom		
Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
40.6	80.0	151,600 *	42.3	80.0	148,800 *	44.2	80.0	140,600 *	45.9	80.0	130,900 *	47.5	80.0	120,100 *
42.0	**79.6**	**148,600 ***	**44.0**	**79.6**	**143,600 ***	**46.0**	**79.5**	**134,900 ***	**46.0**	**79.9**	**130,700 ***	**48.0**	**79.9**	**119,400 ***
44.0	79.0	144,000 *	46.0	79.0	137,500 *	48.0	79.0	129,500 *	48.0	79.5	125,200 *	50.0	79.4	116,400 *
46.0	**78.5**	**139,300 ***	**48.0**	**78.5**	**132,000 ***	**50.0**	**78.5**	**124,000 ***	**50.0**	**79.0**	**119,700 ***	**55.0**	**78.2**	**107,400**
48.0	77.9	134,000 *	50.0	77.9	126,400 *	55.0	77.1	111,800	55.0	77.7	108,100	60.0	77.0	97,300
50.0	**77.3**	**128,700 ***	**55.0**	**76.5**	**113,900**	**60.0**	**75.8**	**101,400**	**60.0**	**76.4**	**98,900**	**65.0**	**75.8**	**88,900**
55.0	75.8	116,400	60.0	75.1	103,200	65.0	74.4	92,500	65.0	75.1	90,500	70.0	74.5	81,700
60.0	**74.3**	**105,300**	**65.0**	**73.7**	**94,100**	**70.0**	**73.1**	**85,100**	**70.0**	**73.8**	**83,400**	**75.0**	**73.3**	**75,300**
65.0	72.8	95,700	70.0	72.2	85,800	75.0	71.7	77,900	75.0	72.5	76,700	80.0	72.0	69,500
70.0	**71.3**	**86,600**	**75.0**	**70.8**	**78,000**	**80.0**	**70.3**	**71,000**	**80.0**	**71.2**	**70,300**	**85.0**	**70.8**	**64,000**
75.0	69.8	78,500	80.0	69.3	71,000	85.0	68.9	64,900	85.0	69.9	64,200	90.0	69.5	58,900
80.0	**68.3**	**71,600**	**85.0**	**67.9**	**65,100**	**90.0**	**67.5**	**59,800**	**90.0**	**68.6**	**59,100**	**95.0**	**68.2**	**54,300**
85.0	66.7	65,600	90.0	66.4	60,000	95.0	66.1	55,200	95.0	67.2	54,600	100.0	66.9	50,200
90.0	**65.1**	**60,500**	**95.0**	**64.9**	**55,400**	**100.0**	**64.7**	**51,000**	**100.0**	**65.8**	**50,600**	**110.0**	**64.3**	**43,300**
95.0	63.5	56,000	100.0	63.4	51,300	110.0	61.7	44,100	110.0	63.1	43,700	120.0	61.6	37,600
100.0	**61.9**	**51,900**	**110.0**	**60.3**	**44,400**	**120.0**	**58.7**	**38,500**	**120.0**	**60.2**	**38,000**	**130.0**	**58.8**	**32,900**
110.0	58.6	45,000	120.0	57.0	38,900	130.0	55.6	34,000	130.0	57.3	33,300	140.0	56.0	29,000
120.0	**55.2**	**39,400**	**130.0**	**53.7**	**34,200**	**140.0**	**52.4**	**30,000**	**140.0**	**54.3**	**29,300**	**150.0**	**53.0**	**25,600**
130.0	51.6	34,700	140.0	50.2	30,200	150.0	49.0	26,700	150.0	51.1	26,000	160.0	50.0	22,900
140.0	**47.8**	**30,900**	**150.0**	**46.6**	**26,900**	**160.0**	**45.4**	**23,700**	**160.0**	**47.8**	**23,100**	**170.0**	**46.8**	**20,200**
150.0	43.8	27,600	160.0	42.6	24,000	170.0	41.6	21,300	170.0	44.4	20,600	180.0	43.4	17,800
160.0	**39.4**	**24,600**	**170.0**	**38.4**	**21,500**	**180.0**	**37.5**	**19,000**	**180.0**	**40.6**	**18,200**	**190.0**	**39.8**	**15,700**
170.0	34.6	22,100	180.0	33.7	19,300	190.0	32.9	17,000	190.0	36.6	16,100	200.0	35.8	13,800
178.4	**30.0**	**20,200**	**187.3**	**30.0**	**17,800**	**195.8**	**30.0**	**15,800**	**200.0**	**32.2**	**14,200**	**210.0**	**31.5**	**12,100**
									204.3	30.0	13,400	213.2	30.0	11,600
Reeves		**6**	**Reeves**		**5**	**Reeves**		**5**	**Reeves**		**5**	**Reeves**		**5**

Note: Designed and rated to comply with ANSI Code B30.5

Capacities based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.

Refer to notes P12 and P13.

LIFTING CAPACITY

Crane Boom Lifting Capacity

Unit: lbs

Counterweight: 199,300 lbs, Carbody weight: 60,500 lbs

250' Boom

Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
49.5	80.0	108,200 *
50.0	**79.9**	**108,000 ***
55.0	78.7	103,100 *
60.0	**77.5**	**95,800**
65.0	76.3	87,400
70.0	**75.2**	**80,300**
75.0	74.0	74,000
80.0	**72.8**	**68,300**
85.0	71.6	63,300
90.0	**70.3**	**58,600**
95.0	69.1	54,100
100.0	**67.9**	**49,900**
110.0	65.4	43,000
120.0	**62.8**	**37,400**
130.0	60.2	32,700
140.0	**57.5**	**28,700**
150.0	54.8	25,400
160.0	**51.9**	**22,400**
170.0	48.9	19,700
180.0	**45.8**	**17,400**
190.0	42.5	15,200
200.0	**38.9**	**13,300**
210.0	35.1	11,600
220.0	**30.8**	**10,100**
221.7	30.0	9,900
Reeves		4

260' Boom

Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
51.1	80.0	98,500 *
55.0	**79.1**	**97,000 ***
60.0	78.0	93,700
65.0	**76.9**	**85,600**
70.0	75.7	78,700
75.0	**74.6**	**72,500**
80.0	73.5	66,800
85.0	**72.3**	**62,000**
90.0	71.1	57,600
95.0	**70.0**	**53,400**
100.0	68.8	49,500
110.0	**66.4**	**42,600**
120.0	64.0	36,900
130.0	**61.5**	**32,200**
140.0	58.9	28,200
150.0	**56.3**	**24,900**
160.0	53.6	22,000
170.0	**50.8**	**19,300**
180.0	47.9	16,700
190.0	**44.8**	**14,600**
200.0	41.6	12,600
210.0	**38.1**	**11,000**
220.0	34.3	9,400
230.0	**30.2**	**8,000**
230.3	30.0	7,900
Reeves		4

270' Boom

Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
52.8	80.0	90,100 *
55.0	**79.5**	**89,200 ***
60.0	78.5	86,800 *
65.0	**77.4**	**83,300 ***
70.0	76.3	77,000
75.0	**75.2**	**70,800**
80.0	74.1	65,300
85.0	**73.0**	**60,400**
90.0	71.9	56,200
95.0	**70.7**	**52,300**
100.0	69.6	48,700
110.0	**67.3**	**41,900**
120.0	65.0	36,300
130.0	**62.6**	**31,600**
140.0	60.2	27,600
150.0	**57.7**	**24,300**
160.0	55.2	21,200
170.0	**52.5**	**18,400**
180.0	49.8	16,000
190.0	**46.9**	**13,900**
200.0	43.9	11,900
210.0	**40.8**	**10,100**
220.0	37.4	8,600
230.0	**33.7**	**7,200**
239.1	30.0	6,100
Reeves		4

280' Boom

Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
54.4	80.0	82,400 *
55.0	**79.9**	**82,200 ***
60.0	78.9	80,300 *
65.0	**77.8**	**78,200 ***
70.0	76.8	74,300 *
75.0	**75.7**	**69,400**
80.0	74.7	64,000
85.0	**73.6**	**59,300**
90.0	72.5	55,100
95.0	**71.4**	**51,200**
100.0	70.4	47,700
110.0	**68.2**	**41,500**
120.0	65.9	36,000
130.0	**63.7**	**31,200**
140.0	61.4	27,400
150.0	**59.0**	**23,800**
160.0	56.6	20,800
170.0	**54.1**	**18,000**
180.0	51.5	15,600
190.0	**48.8**	**13,500**
200.0	46.0	11,400
210.0	**43.1**	**9,600**
220.0	40.0	8,200
230.0	**36.7**	**6,700**
240.0	33.1	5,500
242.7	**32.0**	**5,200**
Reeves		4

290' Boom

Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
56.4	80.0	74,500 *
60.0	**79.3**	**73,000 ***
65.0	78.3	71,200 *
70.0	**77.2**	**69,500 ***
75.0	76.2	66,800 *
80.0	**75.2**	**63,100 ***
85.0	74.2	58,200 *
90.0	**73.2**	**54,100**
95.0	72.1	50,300
100.0	**71.1**	**46,800**
110.0	69.0	40,700
120.0	**66.8**	**35,700**
130.0	64.7	31,000
140.0	**62.4**	**27,100**
150.0	60.2	23,600
160.0	**57.9**	**20,600**
170.0	55.5	17,700
180.0	**53.1**	**15,200**
190.0	50.5	13,000
200.0	**47.9**	**11,100**
210.0	45.2	9,400
220.0	**42.3**	**7,700**
230.0	39.3	6,300
236.2	**37.3**	**5,500**
Reeves		4

300' Boom

Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
58.0	80.0	68,300 *
60.0	**79.6**	**67,700 ***
65.0	78.7	65,900 *
70.0	**77.7**	**64,200 ***
75.0	76.7	62,400 *
80.0	**75.7**	**60,200 ***
85.0	74.7	56,800 *
90.0	**73.7**	**52,800 ***
95.0	72.7	49,100 *
100.0	**71.7**	**45,700**
110.0	69.7	39,600
120.0	**67.6**	**34,600**
130.0	65.6	30,200
140.0	**63.4**	**26,500**
150.0	61.3	23,200
160.0	**59.1**	**19,900**
170.0	56.8	17,100
180.0	**54.5**	**14,700**
190.0	52.1	12,400
200.0	**49.6**	**10,400**
210.0	47.1	8,800
220.0	**44.4**	**7,000**
229.6	41.7	5,200 *
Reeves		4

Note: Designed and rated to comply with ANSI Code B30.5

Capacities based on factors other than machine stability such as structural competence are shown by asterisk * in the charts. Refer to notes P12 and P13.

LIFTING CAPACITY

Crane Boom With Fixed Jib Lifting Capacity

Unit: lbs

Counterweight: 199,300 lbs, Carbody weight: 60,500 lbs

40' Jib Length

90 ft Boom			100 ft Boom			110 ft Boom			120 ft Boom			130 ft Boom		
Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
21.6	80.0	373,400 *	23.2	80.0	329,500 *	25.2	80.0	307,500 *	26.9	80.0	271,800 *	28.5	80.0	246,400 *
22.0	**79.7**	**367,800 ***	**24.0**	**79.6**	**324,700 ***	**26.0**	**79.5**	**303,700 ***	**28.0**	**79.4**	**268,700 ***	**30.0**	**79.4**	**242,400 ***
24.0	78.4	338,900 *	26.0	78.4	310,900 *	28.0	78.4	285,800 *	30.0	78.4	260,300 *	32.0	78.5	232,900 *
26.0	**77.1**	**313,100 ***	**28.0**	**77.3**	**289,100 ***	**30.0**	**77.4**	**267,100 ***	**32.0**	**77.5**	**242,700 ***	**34.0**	**77.5**	**221,300 ***
28.0	75.8	291,900 *	30.0	76.1	267,700 *	32.0	76.3	249,200 *	34.0	76.5	227,500	36.0	76.6	208,300 *
30.0	**74.5**	**271,600 ***	**32.0**	**74.9**	**251,100 ***	**34.0**	**75.2**	**232,800**	**36.0**	**75.5**	**213,900**	**38.0**	**75.7**	**195,300 ***
32.0	73.2	252,400 *	34.0	73.7	234,800	36.0	74.1	217,200	38.0	74.5	200,200	40.0	74.8	183,100
34.0	**71.8**	**235,000**	**36.0**	**72.5**	**218,600**	**38.0**	**73.1**	**201,700**	**40.0**	**73.5**	**187,100**	**42.0**	**73.9**	**172,500**
36.0	70.5	218,800	38.0	71.3	202,400	40.0	72.0	187,300	42.0	72.5	175,200	44.0	73.0	161,900
38.0	**69.1**	**202,600**	**40.0**	**70.1**	**187,600**	**42.0**	**70.8**	**175,400**	**44.0**	**71.5**	**163,300**	**46.0**	**72.0**	**151,300**
40.0	67.7	187,800	42.0	68.8	175,700	44.0	69.7	163,600	46.0	70.5	151,600	48.0	71.1	143,200
42.0	**66.3**	**175,900**	**44.0**	**67.6**	**163,800**	**46.0**	**68.6**	**151,800**	**48.0**	**69.5**	**143,400**	**50.0**	**70.2**	**135,100**
44.0	64.9	164,000	46.0	66.3	152,000	48.0	67.5	143,700	50.0	68.4	135,300	55.0	67.8	117,500
46.0	**63.5**	**152,200**	**48.0**	**65.1**	**143,900**	**50.0**	**66.3**	**135,500**	**55.0**	**65.8**	**117,800**	**60.0**	**65.4**	**103,400**
48.0	62.0	144,100	50.0	63.8	135,700	55.0	63.4	118,000	60.0	63.2	103,600	65.0	62.9	92,200
50.0	**60.6**	**136,000**	**55.0**	**60.5**	**118,200**	**60.0**	**60.5**	**103,900**	**65.0**	**60.4**	**92,400**	**70.0**	**60.4**	**83,000**
55.0	56.8	118,400	60.0	57.1	104,100	65.0	57.4	92,600	70.0	57.6	83,200	75.0	57.8	75,100
60.0	**52.9**	**104,300**	**65.0**	**53.6**	**93,000**	**70.0**	**54.2**	**83,400**	**75.0**	**54.7**	**75,300**	**80.0**	**55.2**	**68,400**
65.0	48.7	93,200	70.0	49.9	84,000	75.0	50.9	75,600	80.0	51.7	68,600	85.0	52.4	62,500
70.0	**44.2**	**84,200**	**75.0**	**46.0**	**76,100**	**80.0**	**47.4**	**68,800**	**85.0**	**48.6**	**62,700**	**90.0**	**49.5**	**57,500**
75.0	39.3	76,300	80.0	41.8	69,300	85.0	43.8	62,900	90.0	45.3	57,800	95.0	46.5	53,100
80.0	**33.9**	**69,400**	**85.0**	**37.3**	**63,600**	**90.0**	**39.7**	**58,100**	**95.0**	**41.7**	**53,300**	**100.0**	**43.4**	**49,100**
83.3	30.0	65,400	90.0	32.0	58,600	95.0	35.4	53,800	100.0	38.0	49,400	110.0	36.4	42,400
			91.8	**30.0**	**56,800**	**100.0**	**30.6**	**49,800**	**109.2**	**30.0**	**43,400**	**117.7**	**30.0**	**38,300**
						100.7	30.0	49,300						
Reeves		**14**	**Reeves**		**12**	**Reeves**		**12**	**Reeves**		**10**	**Reeves**		**10**

40' Jib Length

140 ft Boom			150 ft Boom			160 ft Boom			170 ft Boom			180 ft Boom		
Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
30.1	80.0	228,100 *	32.1	80.0	208,700 *	33.7	80.0	196,600 *	35.4	80.0	179,400 *	37.4	80.0	172,300 *
32.0	**79.3**	**223,200 ***	**34.0**	**79.2**	**201,000 ***	**34.0**	**79.9**	**195,700 ***	**36.0**	**79.8**	**177,800 ***	**38.0**	**79.8**	**170,100 ***
34.0	78.5	214,000 *	36.0	78.5	192,400 *	36.0	79.2	187,500 *	38.0	79.1	172,200 *	40.0	79.1	162,500 *
36.0	**77.6**	**202,200 ***	**38.0**	**77.7**	**183,800 ***	**38.0**	**78.5**	**179,300 ***	**40.0**	**78.5**	**166,000 ***	**42.0**	**78.5**	**155,000 ***
38.0	76.8	190,400 *	40.0	76.9	175,100 *	40.0	77.7	171,000 *	42.0	77.8	158,400 *	44.0	77.8	147,400 *
40.0	**75.9**	**179,300**	**42.0**	**76.1**	**166,500 ***	**42.0**	**77.0**	**162,700 ***	**44.0**	**77.1**	**150,800 ***	**46.0**	**77.2**	**140,000**
42.0	75.1	169,900	44.0	75.3	157,800 *	44.0	76.2	154,400 *	46.0	76.4	143,300	48.0	76.5	134,000
44.0	**74.2**	**160,500**	**46.0**	**74.5**	**149,200**	**46.0**	**75.5**	**146,100**	**48.0**	**75.7**	**137,100**	**50.0**	**75.8**	**128,100**
46.0	73.4	151,100	48.0	73.7	141,600	48.0	74.8	139,400	50.0	75.0	130,900	55.0	74.2	114,400
48.0	**72.5**	**143,000**	**50.0**	**72.9**	**134,000**	**50.0**	**74.0**	**132,700**	**55.0**	**73.2**	**116,100**	**60.0**	**72.5**	**102,100**
50.0	71.6	134,900	55.0	70.9	117,100	55.0	72.1	116,900	60.0	71.5	102,500	65.0	70.8	90,800
55.0	**69.5**	**117,300**	**60.0**	**68.9**	**103,000**	**60.0**	**70.2**	**102,800**	**65.0**	**69.7**	**91,300**	**70.0**	**69.1**	**81,700**
60.0	67.3	103,200	65.0	66.8	91,700	65.0	68.3	91,500	70.0	67.8	81,900	75.0	67.4	73,700
65.0	**65.0**	**91,900**	**70.0**	**64.7**	**82,500**	**70.0**	**66.4**	**82,300**	**75.0**	**66.0**	**74,000**	**80.0**	**65.7**	**66,800**
70.0	62.7	82,800	75.0	62.5	74,700	75.0	64.4	74,400	80.0	64.1	67,200	85.0	63.9	60,700
75.0	**60.4**	**74,900**	**80.0**	**60.4**	**67,900**	**80.0**	**62.4**	**67,500**	**85.0**	**62.2**	**61,200**	**90.0**	**62.1**	**55,800**
80.0	58.0	68,100	85.0	58.1	62,000	85.0	60.3	61,800	90.0	60.3	56,200	95.0	60.3	51,400
85.0	**55.5**	**62,300**	**90.0**	**55.8**	**56,900**	**90.0**	**58.2**	**56,700**	**95.0**	**58.3**	**51,900**	**100.0**	**58.4**	**47,500**
90.0	53.0	57,300	95.0	53.5	52,400	95.0	56.1	52,200	100.0	56.3	47,900	110.0	54.6	40,600
95.0	**50.3**	**52,900**	**100.0**	**51.0**	**48,400**	**100.0**	**53.9**	**48,200**	**110.0**	**52.1**	**41,100**	**120.0**	**50.6**	**35,100**
100.0	47.6	48,900	110.0	45.9	41,500	110.0	49.3	41,300	120.0	47.7	35,600	130.0	46.3	30,500
110.0	**41.7**	**42,200**	**120.0**	**40.2**	**36,300**	**120.0**	**44.3**	**36,000**	**130.0**	**42.9**	**31,100**	**140.0**	**41.6**	**26,800**
120.0	35.0	36,900	130.0	33.8	31,600	130.0	38.9	31,400	140.0	37.6	27,100	150.0	36.6	23,200
126.6	**30.0**	**33,700**	**135.1**	**30.0**	**29,500**	**140.0**	**32.6**	**27,700**	**150.0**	**31.7**	**23,800**	**160.0**	**30.7**	**20,300**
						144.0	30.0	26,400	152.5	30.0	23,300	161.0	30.0	20,000
Reeves		**8**	**Reeves**		**8**	**Reeves**		**7**	**Reeves**		**7**	**Reeves**		**6**

Note: Designed and rated to comply with ANSI Code B30.5

Capacities based on factors other than machine stability such as structural competence are shown by asterisk * in the charts. Refer to notes P12 and P13.

Crane Boom With Fixed Jib Lifting Capacity

Unit: lbs

Counterweight: 199,300 lbs, Carbody weight: 60,500 lbs

40' Jib Length

190 ft Boom			200 ft Boom			210 ft Boom			220 ft Boom			230 ft Boom		
Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
39.0	80.0	160,700 *	40.6	80.0	144,800 *	42.3	80.0	142,100 *	44.2	80.0	134,000 *	45.9	80.0	124,500 *
40.0	**79.7**	**157,400 ***	**42.0**	**79.6**	**141,900 ***	**44.0**	**79.6**	**137,100 ***	**46.0**	**79.5**	**128,500 ***	**46.0**	**79.9**	**124,300 ***
42.0	79.1	150,600 *	44.0	79.0	137,400 *	46.0	79.0	131,200 *	48.0	79.0	123,200 *	48.0	79.5	119,000 *
44.0	**78.5**	**143,900 ***	**46.0**	**78.5**	**132,900 ***	**48.0**	**78.5**	**125,700 ***	**50.0**	**78.5**	**117,900 ***	**50.0**	**79.0**	**113,600 ***
46.0	77.8	137,100 *	48.0	77.9	127,800 *	50.0	77.9	120,300 *	55.0	77.1	106,000	55.0	77.7	102,200
48.0	**77.2**	**131,300 ***	**50.0**	**77.3**	**122,600 ***	**55.0**	**76.5**	**108,000**	**60.0**	**75.8**	**95,700**	**60.0**	**76.4**	**93,200**
50.0	76.6	125,500 *	55.0	75.8	110,400	60.0	75.1	97,500	65.0	74.4	87,000	65.0	75.1	84,800
55.0	**75.0**	**112,500**	**60.0**	**74.3**	**99,400**	**65.0**	**73.7**	**88,600**	**70.0**	**73.1**	**79,600**	**70.0**	**73.8**	**77,800**
60.0	73.5	101,100	65.0	72.8	90,000	70.0	72.2	80,300	75.0	71.7	72,300	75.0	72.5	71,300
65.0	**71.9**	**90,300**	**70.0**	**71.3**	**81,000**	**75.0**	**70.8**	**72,500**	**80.0**	**70.3**	**65,300**	**80.0**	**71.2**	**65,000**
70.0	70.3	81,400	75.0	69.8	73,100	80.0	69.3	65,500	85.0	68.9	59,600	85.0	69.9	59,000
75.0	**68.7**	**73,500**	**80.0**	**68.3**	**66,300**	**85.0**	**67.9**	**59,800**	**90.0**	**67.5**	**54,500**	**90.0**	**68.6**	**53,900**
80.0	67.0	66,500	85.0	66.7	60,300	90.0	66.4	54,700	95.0	66.1	49,900	95.0	67.2	49,300
85.0	**65.4**	**60,500**	**90.0**	**65.1**	**55,200**	**95.0**	**64.9**	**50,100**	**100.0**	**64.7**	**45,800**	**100.0**	**65.8**	**45,400**
90.0	63.7	55,600	95.0	63.5	50,700	100.0	63.4	46,000	110.0	61.7	39,100	110.0	63.1	38,600
95.0	**62.0**	**51,000**	**100.0**	**61.9**	**46,600**	**110.0**	**60.3**	**39,300**	**120.0**	**58.7**	**33,500**	**120.0**	**60.2**	**32,900**
100.0	60.3	46,900	110.0	58.6	39,900	120.0	57.0	33,800	130.0	55.6	28,900	130.0	57.3	28,100
110.0	**56.7**	**40,200**	**120.0**	**55.2**	**34,300**	**130.0**	**53.7**	**29,300**	**140.0**	**52.4**	**24,500**	**140.0**	**54.3**	**23,500**
120.0	53.0	34,800	130.0	51.6	29,800	140.0	50.2	25,100	150.0	49.0	20,800	150.0	51.1	20,100
130.0	**49.1**	**30,100**	**140.0**	**47.8**	**25,800**	**150.0**	**46.6**	**21,200**	**160.0**	**45.4**	**17,800**	**160.0**	**47.8**	**16,900**
140.0	45.0	26,200	150.0	43.8	22,300	160.0	42.6	18,000	170.0	41.6	15,100	170.0	44.4	14,200
150.0	**40.5**	**22,800**	**160.0**	**39.4**	**19,000**	**170.0**	**38.4**	**15,500**	**180.0**	**37.5**	**12,700**	**180.0**	**40.6**	**11,600**
160.0	35.5	19,600	170.0	34.6	16,200	180.0	33.7	13,200	190.0	32.9	10,600	190.0	36.6	9,500
169.9	**30.0**	**16,700**	**178.4**	**30.0**	**14,300**	**187.3**	**30.0**	**11,600**	**195.8**	**30.0**	**9,400**	**200.0**	**32.2**	**7,600**
												204.3	30.0	6,800
Reeves		**6**	**Reeves**		**5**	**Reeves**		**5**	**Reeves**		**5**	**Reeves**		**5**

40' Jib Length

240 ft Boom			250 ft Boom		
Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
47.5	80.0	113,900 *	49.5	80.0	102,000 *
48.0	**79.9**	**113,300 ***	**50.0**	**79.9**	**101,800 ***
50.0	79.4	110,200 *	55.0	78.7	97,100 *
55.0	**78.2**	**101,300**	**60.0**	**77.5**	**90,100**
60.0	77.0	91,500	65.0	76.3	81,900
65.0	**75.8**	**83,400**	**70.0**	**75.2**	**74,800**
70.0	74.5	76,200	75.0	74.0	68,600
75.0	**73.3**	**69,900**	**80.0**	**72.8**	**63,100**
80.0	72.0	64,200	85.0	71.6	58,000
85.0	**70.8**	**58,700**	**90.0**	**70.3**	**53,300**
90.0	69.5	53,600	95.0	69.1	48,900
95.0	**68.2**	**49,100**	**100.0**	**67.9**	**44,900**
100.0	66.9	45,100	110.0	65.4	38,000
110.0	**64.3**	**38,200**	**120.0**	**62.8**	**32,400**
120.0	61.6	32,700	130.0	60.2	27,000
130.0	**58.8**	**27,500**	**140.0**	**57.5**	**22,700**
140.0	56.0	23,000	150.0	54.8	19,000
150.0	**53.0**	**19,500**	**160.0**	**51.9**	**15,900**
160.0	50.0	16,500	170.0	48.9	13,100
170.0	**46.8**	**13,600**	**180.0**	**45.8**	**10,500**
180.0	43.4	11,200	190.0	42.5	8,200
190.0	**39.8**	**9,000**	**200.0**	**38.9**	**6,400**
200.0	35.8	7,000	203.4	37.6	5,900
209.9	**31.5**	**5,200**			
Reeves		**4**	**Reeves**		**4**

Note: Designed and rated to comply with ANSI Code B30.5

Capacities based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.

Refer to notes P12 and P13.

LIFTING CAPACITY

Crane Boom With Fixed Jib Lifting Capacity

Unit: lbs

Counterweight: 199,300 lbs, Carbody weight: 60,500 lbs

60' Jib Length

90 ft Boom			100 ft Boom			110 ft Boom			120 ft Boom			130 ft Boom		
Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
21.6	80.0	368,100 *	23.2	80.0	325,100 *	25.2	80.0	303,500 *	26.9	80.0	268,000 *	28.5	80.0	243,100 *
22.0	**79.7**	**362,700 ***	**24.0**	**79.6**	**320,400 ***	**26.0**	**79.5**	**299,900 ***	**28.0**	**79.4**	**265,200 ***	**30.0**	**79.4**	**239,300 ***
24.0	78.4	334,500 *	26.0	78.4	307,100 *	28.0	78.4	282,200 *	30.0	78.4	257,100 *	32.0	78.5	229,800 *
26.0	**77.1**	**309,100 ***	**28.0**	**77.3**	**285,500 ***	**30.0**	**77.4**	**263,600 ***	**32.0**	**77.5**	**239,800 ***	**34.0**	**77.5**	**218,300 ***
28.0	75.8	288,200 *	30.0	76.1	264,200 *	32.0	76.3	246,000 *	34.0	76.5	224,700	36.0	76.6	205,500 *
30.0	**74.5**	**268,200 ***	**32.0**	**74.9**	**247,900 ***	**34.0**	**75.2**	**229,800**	**36.0**	**75.5**	**211,100**	**38.0**	**75.7**	**192,800 ***
32.0	73.2	249,200 *	34.0	73.7	231,800	36.0	74.1	214,400	38.0	74.5	197,500	40.0	74.8	180,700
34.0	**71.8**	**232,000**	**36.0**	**72.5**	**215,700**	**38.0**	**73.1**	**199,000**	**40.0**	**73.5**	**184,500**	**42.0**	**73.9**	**170,100**
36.0	70.5	215,900	38.0	71.3	199,700	40.0	72.0	184,700	42.0	72.5	172,700	44.0	73.0	159,500
38.0	**69.1**	**199,900**	**40.0**	**70.1**	**184,900**	**42.0**	**70.8**	**172,900**	**44.0**	**71.5**	**160,800**	**46.0**	**72.0**	**148,900**
40.0	67.7	185,200	42.0	68.8	173,100	44.0	69.7	161,100	46.0	70.5	149,100	48.0	71.1	140,900
42.0	**66.3**	**173,300**	**44.0**	**67.6**	**161,300**	**46.0**	**68.6**	**149,400**	**48.0**	**69.5**	**141,100**	**50.0**	**70.2**	**132,800**
44.0	64.9	161,500	46.0	66.3	149,600	48.0	67.5	141,300	50.0	68.4	133,000	55.0	67.8	115,400
46.0	**63.5**	**149,800**	**48.0**	**65.1**	**141,500**	**50.0**	**66.3**	**133,200**	**55.0**	**65.8**	**115,600**	**60.0**	**65.4**	**101,500**
48.0	62.1	141,700	50.0	63.8	133,500	55.0	63.4	115,900	60.0	63.2	101,700	65.0	62.9	90,400
50.0	**60.6**	**133,700**	**55.0**	**60.5**	**116,100**	**60.0**	**60.5**	**101,900**	**65.0**	**60.4**	**90,600**	**70.0**	**60.4**	**81,400**
55.0	56.8	116,300	60.0	57.1	102,100	65.0	57.4	90,800	70.0	57.6	81,600	75.0	57.8	73,600
60.0	**52.9**	**102,400**	**65.0**	**53.6**	**91,000**	**70.0**	**54.2**	**81,800**	**75.0**	**54.7**	**73,800**	**80.0**	**55.2**	**66,800**
65.0	48.7	91,300	70.0	49.9	82,200	75.0	50.9	74,000	80.0	51.7	67,000	85.0	52.4	60,900
70.0	**44.2**	**82,400**	**75.0**	**46.0**	**74,500**	**80.0**	**47.4**	**67,300**	**85.0**	**48.6**	**61,200**	**90.0**	**49.5**	**56,200**
75.0	39.3	74,700	80.0	41.8	67,700	85.0	43.8	61,400	90.0	45.3	56,400	95.0	46.5	51,800
80.0	**33.9**	**67,900**	**85.0**	**37.3**	**62,000**	**90.0**	**39.7**	**56,600**	**95.0**	**41.7**	**52,000**	**100.0**	**43.4**	**47,800**
83.3	30.0	63,900	90.0	32.0	57,100	95.0	35.4	52,200	100.0	38.0	48,100	110.0	36.4	41,200
			91.8	**30.0**	**55,300**	**100.0**	**30.6**	**48,400**	**109.2**	**30.0**	**42,100**	**117.7**	**30.0**	**37,000**
						100.7	30.0	48,000						
Reeves		**14**	**Reeves**		**12**	**Reeves**		**12**	**Reeves**		**10**	**Reeves**		**10**

60' Jib Length

140 ft Boom			150 ft Boom			160 ft Boom			170 ft Boom			180 ft Boom		
Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
30.1	80.0	225,000 *	32.1	80.0	205,900 *	33.7	80.0	194,000 *	35.4	80.0	177,000 *	37.4	80.0	169,900 *
32.0	**79.3**	**220,300 ***	**34.0**	**79.2**	**198,200 ***	**34.0**	**79.9**	**193,100 ***	**36.0**	**79.8**	**175,400 ***	**38.0**	**79.8**	**167,700 ***
34.0	78.5	211,200 *	36.0	78.5	189,700 *	36.0	79.2	185,100 *	38.0	79.1	169,800 *	40.0	79.1	160,300 *
36.0	**77.6**	**199,500 ***	**38.0**	**77.7**	**181,200 ***	**38.0**	**78.5**	**177,000 ***	**40.0**	**78.5**	**163,600 ***	**42.0**	**78.5**	**152,800 ***
38.0	76.8	187,900 *	40.0	76.9	172,700 *	40.0	77.7	168,900 *	42.0	77.8	156,100 *	44.0	77.8	145,400 *
40.0	**75.9**	**176,900**	**42.0**	**76.1**	**164,100 ***	**42.0**	**77.0**	**160,600 ***	**44.0**	**77.1**	**148,500 ***	**46.0**	**77.2**	**138,000**
42.0	75.1	167,500	44.0	75.3	155,500 *	44.0	76.2	152,300 *	46.0	76.4	141,100	48.0	76.5	132,100
44.0	**74.2**	**158,100**	**46.0**	**74.5**	**147,000**	**46.0**	**75.5**	**144,100**	**48.0**	**75.7**	**135,000**	**50.0**	**75.8**	**126,100**
46.0	73.4	148,700	48.0	73.7	139,400	48.0	74.8	137,300	50.0	75.0	129,000	55.0	74.2	112,500
48.0	**72.5**	**140,600**	**50.0**	**72.9**	**131,800**	**50.0**	**74.0**	**130,500**	**55.0**	**73.2**	**114,300**	**60.0**	**72.5**	**100,400**
50.0	71.6	132,600	55.0	70.9	115,000	55.0	72.1	114,800	60.0	71.5	100,600	65.0	70.8	89,300
55.0	**69.5**	**115,200**	**60.0**	**68.9**	**101,000**	**60.0**	**70.2**	**100,800**	**65.0**	**69.7**	**89,500**	**70.0**	**69.1**	**80,100**
60.0	67.3	101,200	65.0	66.8	89,900	65.0	68.3	89,700	70.0	67.8	80,300	75.0	67.4	72,200
65.0	**65.0**	**90,200**	**70.0**	**64.7**	**80,900**	**70.0**	**66.4**	**80,700**	**75.0**	**66.0**	**72,500**	**80.0**	**65.7**	**65,400**
70.0	62.7	81,100	75.0	62.5	73,100	75.0	64.4	72,900	80.0	64.1	65,700	85.0	63.9	59,400
75.0	**60.4**	**73,300**	**80.0**	**60.4**	**66,400**	**80.0**	**62.4**	**66,100**	**85.0**	**62.2**	**59,800**	**90.0**	**62.1**	**54,500**
80.0	58.0	66,600	85.0	58.1	60,500	85.0	60.3	60,300	90.0	60.3	54,900	95.0	60.3	50,100
85.0	**55.5**	**60,700**	**90.0**	**55.8**	**55,400**	**90.0**	**58.2**	**55,200**	**95.0**	**58.3**	**50,600**	**100.0**	**58.4**	**46,200**
90.0	53.0	55,900	95.0	53.5	51,000	95.0	56.1	50,800	100.0	56.3	46,600	110.0	54.6	39,500
95.0	**50.3**	**51,500**	**100.0**	**51.0**	**47,100**	**100.0**	**53.9**	**46,800**	**110.0**	**52.1**	**39,700**	**120.0**	**50.6**	**33,900**
100.0	47.6	47,600	110.0	45.9	40,300	110.0	49.3	40,100	120.0	47.7	34,300	130.0	46.3	29,400
110.0	**41.7**	**40,800**	**120.0**	**40.2**	**35,000**	**120.0**	**44.3**	**34,700**	**130.0**	**42.9**	**29,800**	**140.0**	**41.6**	**25,500**
120.0	35.0	35,700	130.0	33.8	30,500	130.0	38.9	30,200	140.0	37.6	26,000	150.0	36.6	21,900
126.6	**30.0**	**32,600**	**135.1**	**30.0**	**28,400**	**140.0**	**32.6**	**26,600**	**150.0**	**31.7**	**22,700**	**160.0**	**30.7**	**19,000**
						144.0	30.0	25,300	152.5	30.0	22,200	161.0	30.0	18,700
Reeves		**8**	**Reeves**		**7**	**Reeves**		**7**	**Reeves**		**6**	**Reeves**		**6**

Note: Designed and rated to comply with ANSI Code B30.5

Capacities based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.

Refer to notes P12 and P13.

Crane Boom With Fixed Jib Lifting Capacity

Unit: lbs

Counterweight: 199,300 lbs, Carbody weight: 60,500 lbs

60' Jib Length

190 ft Boom			200 ft Boom			210 ft Boom			220 ft Boom			230 ft Boom		
Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
39.0	80.0	158,500 *	40.6	80.0	142,600 *	42.3	80.0	139,900 *	44.2	80.0	132,000 *	45.9	80.0	122,500 *
40.0	**79.7**	**155,200 ***	**42.0**	**79.6**	**139,700 ***	**44.0**	**79.6**	**135,000 ***	**46.0**	**79.5**	**126,500 ***	**46.0**	**79.9**	**122,300 ***
42.0	79.1	148,500 *	44.0	79.0	135,300 *	46.0	79.0	129,200 *	48.0	79.0	121,300 *	48.0	79.5	117,000 *
44.0	**78.5**	**141,800 ***	**46.0**	**78.5**	**130,900 ***	**48.0**	**78.5**	**123,700 ***	**50.0**	**78.5**	**116,100 ***	**50.0**	**79.0**	**111,700 ***
46.0	77.8	135,100 *	48.0	77.9	125,800 *	50.0	77.9	118,300 *	55.0	77.1	104,300	55.0	77.7	100,500
48.0	**77.2**	**129,300 ***	**50.0**	**77.3**	**120,600 ***	**55.0**	**76.5**	**106,100**	**60.0**	**75.8**	**94,200**	**60.0**	**76.4**	**91,400**
50.0	76.6	123,600 *	55.0	75.8	108,500	60.0	75.1	95,700	65.0	74.4	85,500	65.0	75.1	83,200
55.0	**75.0**	**110,700**	**60.0**	**74.3**	**97,600**	**65.0**	**73.7**	**86,800**	**70.0**	**73.1**	**78,100**	**70.0**	**73.8**	**76,400**
60.0	73.5	99,500	65.0	72.8	88,400	70.0	72.2	78,600	75.0	71.7	70,800	75.0	72.5	69,900
65.0	**71.9**	**88,800**	**70.0**	**71.3**	**79,400**	**75.0**	**70.8**	**71,100**	**80.0**	**70.3**	**64,000**	**80.0**	**71.2**	**63,500**
70.0	70.3	79,800	75.0	69.8	71,600	80.0	69.3	64,200	85.0	68.9	58,300	85.0	69.9	57,600
75.0	**68.7**	**71,900**	**80.0**	**68.3**	**64,800**	**85.0**	**67.9**	**58,500**	**90.0**	**67.5**	**53,200**	**90.0**	**68.6**	**52,500**
80.0	67.0	65,000	85.0	66.7	58,700	90.0	66.4	53,400	95.0	66.1	48,600	95.0	67.2	48,100
85.0	**65.4**	**59,200**	**90.0**	**65.1**	**53,800**	**95.0**	**64.9**	**48,800**	**100.0**	**64.7**	**44,500**	**100.0**	**65.8**	**44,200**
90.0	63.7	54,200	95.0	63.5	49,300	100.0	63.4	44,700	110.0	61.7	37,900	110.0	63.1	37,500
95.0	**62.0**	**49,700**	**100.0**	**61.9**	**45,400**	**110.0**	**60.3**	**38,100**	**120.0**	**58.7**	**32,400**	**120.0**	**60.2**	**31,800**
100.0	60.3	45,600	110.0	58.6	38,600	120.0	57.0	32,700	130.0	55.6	27,600	130.0	57.3	26,600
110.0	**56.7**	**38,900**	**120.0**	**55.2**	**33,200**	**130.0**	**53.7**	**28,000**	**140.0**	**52.4**	**23,100**	**140.0**	**54.3**	**22,000**
120.0	53.0	33,600	130.0	51.6	28,700	140.0	50.2	23,500	150.0	49.0	19,400	150.0	51.1	18,500
130.0	**49.1**	**28,900**	**140.0**	**47.8**	**24,600**	**150.0**	**46.6**	**19,900**	**160.0**	**45.4**	**16,400**	**160.0**	**47.8**	**15,500**
140.0	45.0	24,900	150.0	43.8	20,800	160.0	42.6	16,600	170.0	41.6	13,800	170.0	44.4	12,900
150.0	**40.5**	**21,200**	**160.0**	**39.4**	**17,600**	**170.0**	**38.4**	**14,000**	**180.0**	**37.5**	**11,300**	**180.0**	**40.6**	**10,300**
160.0	35.5	18,100	170.0	34.6	14,900	180.0	33.7	11,800	190.0	32.9	9,300	190.0	36.6	8,200
169.9	**30.0**	**15,400**	**178.4**	**30.0**	**12,700**	**187.3**	**30.0**	**10,300**	**195.8**	**30.0**	**8,100**	**200.0**	**32.2**	**6,300**
												204.3	30.0	5,500
Reeves		**6**	**Reeves**		**5**	**Reeves**		**5**	**Reeves**		**5**	**Reeves**		**5**

60' Jib Length

240 ft Boom			250 ft Boom		
Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
47.5	80.0	112,200 *	49.5	80.0	100,300 *
48.0	**79.9**	**111,500 ***	**50.0**	**79.9**	**100,000 ***
50.0	79.4	108,500 *	55.0	78.7	95,400 *
55.0	**78.2**	**99,600**	**60.0**	**77.5**	**88,600**
60.0	77.0	89,900	65.0	76.3	80,300
65.0	**75.8**	**81,900**	**70.0**	**75.2**	**73,400**
70.0	74.5	74,700	75.0	74.0	67,200
75.0	**73.3**	**68,500**	**80.0**	**72.8**	**61,600**
80.0	72.0	62,900	85.0	71.6	56,700
85.0	**70.8**	**57,400**	**90.0**	**70.3**	**52,000**
90.0	69.5	52,300	95.0	69.1	47,600
95.0	**68.2**	**47,800**	**100.0**	**67.9**	**43,500**
100.0	66.9	43,800	110.0	65.4	36,700
110.0	**64.3**	**36,900**	**120.0**	**62.8**	**31,000**
120.0	61.6	31,300	130.0	60.2	25,500
130.0	**58.8**	**25,900**	**140.0**	**57.5**	**21,100**
140.0	56.0	21,500	150.0	54.8	17,600
150.0	**53.0**	**17,900**	**160.0**	**51.9**	**14,500**
160.0	50.0	15,100	170.0	48.9	11,800
170.0	**46.8**	**12,300**	**180.0**	**45.8**	**9,200**
180.0	43.4	9,900	190.0	42.5	7,100
190.0	**39.8**	**7,700**	**196.8**	**40.1**	**5,700**
200.0	35.8	5,800			
203.4	**34.4**	**5,200**			
Reeves		**4**	**Reeves**		**4**

Note: Designed and rated to comply with ANSI Code B30.5

Capacities based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.

Refer to notes P12 and P13.

LIFTING CAPACITY

Crane Boom With Fixed Jib Lifting Capacity

Unit: lbs

Counterweight: 199,300 lbs, Carbody weight: 60,500 lbs

80' Jib Length

90 ft Boom			100 ft Boom			110 ft Boom			120 ft Boom			130 ft Boom		
Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
21.6	80.0	362,200 *	23.2	80.0	319,800 *	25.2	80.0	298,900 *	28.9	80.0	263,800 *	28.5	80.0	239,100 *
22.0	**79.7**	**356,900 ***	**24.0**	**79.6**	**315,400 ***	**26.0**	**79.5**	**295,400 ***	**28.0**	**79.4**	**261,200 ***	**30.0**	**79.4**	**235,600 ***
24.0	78.4	329,300 *	26.0	78.4	302,700 *	28.0	78.4	278,100 *	30.0	78.4	253,400 *	32.0	78.5	226,400 *
26.0	**77.1**	**304,600 ***	**28.0**	**77.3**	**281,400 ***	**30.0**	**77.4**	**259,900 ***	**32.0**	**77.5**	**236,300 ***	**34.0**	**77.5**	**215,100 ***
28.0	75.8	284,000 *	30.0	76.1	260,500 *	32.0	76.3	242,500 *	34.0	76.5	221,400	36.0	76.6	202,500 *
30.0	**74.5**	**264,300 ***	**32.0**	**74.9**	**244,300 ***	**34.0**	**75.2**	**226,300**	**36.0**	**75.5**	**207,900**	**38.0**	**75.7**	**189,800 ***
32.0	73.2	245,600 *	34.0	73.7	228,300	36.0	74.1	211,100	38.0	74.5	194,400	40.0	74.8	177,800
34.0	**71.8**	**228,600**	**36.0**	**72.5**	**212,400**	**38.0**	**73.1**	**195,800**	**40.0**	**73.5**	**181,500**	**42.0**	**73.9**	**167,300**
36.0	70.5	212,600	38.0	71.3	196,500	40.0	72.0	181,700	42.0	72.5	169,800	44.0	73.0	156,700
38.0	**69.1**	**196,700**	**40.0**	**70.1**	**181,900**	**42.0**	**70.8**	**170,000**	**44.0**	**71.5**	**158,100**	**46.0**	**72.0**	**146,300**
40.0	67.7	182,100	42.0	68.8	170,200	44.0	69.7	158,300	46.0	70.5	146,500	48.0	71.1	138,300
42.0	**66.3**	**170,400**	**44.0**	**67.6**	**158,500**	**46.0**	**68.6**	**146,700**	**48.0**	**69.5**	**138,500**	**50.0**	**70.2**	**130,300**
44.0	64.9	158,700	46.0	66.3	146,900	48.0	67.5	138,700	50.0	68.4	130,500	55.0	67.8	113,100
46.0	**63.5**	**147,200**	**48.0**	**65.1**	**138,900**	**50.0**	**66.3**	**130,700**	**55.0**	**65.8**	**113,300**	**60.0**	**65.4**	**99,300**
48.0	62.0	139,200	50.0	63.8	131,000	55.0	63.4	113,500	60.0	63.2	99,500	65.0	62.9	88,400
50.0	**60.6**	**131,200**	**55.0**	**60.5**	**113,700**	**60.0**	**60.5**	**99,700**	**65.0**	**60.4**	**88,600**	**70.0**	**60.4**	**79,400**
55.0	56.8	114,000	60.0	57.1	100,000	65.0	57.4	88,800	70.0	57.6	79,600	75.0	57.8	71,700
60.0	**52.9**	**100,200**	**65.0**	**53.6**	**89,000**	**70.0**	**54.2**	**79,800**	**75.0**	**54.7**	**71,900**	**80.0**	**55.2**	**65,000**
65.0	48.7	89,300	70.0	49.9	80,200	75.0	50.9	72,100	80.0	51.7	65,300	85.0	52.4	59,200
70.0	**44.2**	**80,400**	**75.0**	**46.0**	**72,500**	**80.0**	**47.4**	**65,500**	**85.0**	**48.6**	**59,400**	**90.0**	**49.5**	**54,400**
75.0	39.3	72,700	80.0	41.8	65,800	85.0	43.8	59,600	90.0	45.3	54,800	95.0	46.5	50,100
80.0	**33.9**	**66,000**	**85.0**	**37.3**	**60,200**	**90.0**	**39.7**	**55,000**	**95.0**	**41.7**	**50,400**	**100.0**	**43.4**	**46,200**
83.3	30.0	62,100	90.0	32.0	55,500	95.0	35.4	50,700	100.0	38.0	46,600	110.0	36.4	39,700
			91.8	**30.0**	**53,700**	**100.0**	**30.6**	**46,700**	**109.2**	**30.0**	**40,700**	**117.7**	**30.0**	**35,700**
						100.7	30.0	46,200						
Reeves		**14**	**Reeves**		**12**	**Reeves**		**12**	**Reeves**		**10**	**Reeves**		**10**

80' Jib Length

140 ft Boom			150 ft Boom			160 ft Boom			170 ft Boom			180 ft Boom		
Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
30.1	80.0	221,500 *	32.1	80.0	202,600 *	33.7	80.0	190,900 *	35.4	80.0	173,900 *	37.4	80.0	167,100 *
32.0	**79.3**	**216,900 ***	**34.0**	**79.2**	**195,200 ***	**34.0**	**79.9**	**190,000 ***	**36.0**	**79.8**	**172,400 ***	**38.0**	**79.8**	**164,900 ***
34.0	78.5	208,100 *	36.0	78.5	186,800 *	36.0	79.2	182,100 *	38.0	79.1	167,000 *	40.0	79.1	157,700 *
36.0	**77.6**	**196,600 ***	**38.0**	**77.7**	**178,500 ***	**38.0**	**78.5**	**174,100 ***	**40.0**	**78.5**	**161,000 ***	**42.0**	**78.5**	**150,300 ***
38.0	76.8	185,100 *	40.0	76.9	170,100 *	40.0	77.7	166,000 *	42.0	77.8	153,600 *	44.0	77.8	142,900 *
40.0	**75.9**	**174,200**	**42.0**	**76.1**	**161,700 ***	**42.0**	**77.0**	**157,900 ***	**44.0**	**77.1**	**146,200 ***	**46.0**	**77.2**	**135,600**
42.0	75.1	164,800	44.0	75.3	153,200 *	44.0	76.2	149,800 *	46.0	76.4	138,900	48.0	76.5	129,800
44.0	**74.2**	**155,400**	**46.0**	**74.5**	**144,800**	**46.0**	**75.5**	**141,700**	**48.0**	**75.7**	**132,800**	**50.0**	**75.8**	**124,000**
46.0	73.4	146,100	48.0	73.7	137,100	48.0	74.8	134,900	50.0	75.0	126,800	55.0	74.2	110,500
48.0	**72.5**	**138,100**	**50.0**	**72.9**	**129,400**	**50.0**	**74.0**	**128,100**	**55.0**	**73.2**	**112,100**	**60.0**	**72.5**	**98,200**
50.0	71.6	130,100	55.0	70.9	112,600	55.0	72.1	112,400	60.0	71.5	98,400	65.0	70.8	87,300
55.0	**69.5**	**112,900**	**60.0**	**68.9**	**98,900**	**60.0**	**70.2**	**98,600**	**65.0**	**69.7**	**87,500**	**70.0**	**69.1**	**78,300**
60.0	67.3	99,100	65.0	66.8	87,900	65.0	68.3	87,700	70.0	67.8	78,500	75.0	67.4	70,500
65.0	**65.0**	**88,200**	**70.0**	**64.7**	**78,900**	**70.0**	**66.4**	**78,700**	**75.0**	**66.0**	**70,800**	**80.0**	**65.7**	**63,700**
70.0	62.7	79,200	75.0	62.5	71,200	75.0	64.4	71,000	80.0	64.1	64,200	85.0	63.9	57,800
75.0	**60.4**	**71,500**	**80.0**	**60.4**	**64,600**	**80.0**	**62.4**	**64,400**	**85.0**	**62.2**	**58,300**	**90.0**	**62.1**	**52,900**
80.0	58.0	64,600	85.0	58.1	58,700	85.0	60.3	58,500	90.0	60.3	53,400	95.0	60.3	48,600
85.0	**55.5**	**58,900**	**90.0**	**55.8**	**53,800**	**90.0**	**58.2**	**53,600**	**95.0**	**58.3**	**49,000**	**100.0**	**58.4**	**44,600**
90.0	53.0	54,200	95.0	53.5	49,400	95.0	56.1	49,200	100.0	56.3	45,100	110.0	54.6	38,100
95.0	**50.3**	**49,900**	**100.0**	**51.0**	**45,600**	**100.0**	**53.9**	**45,400**	**110.0**	**52.1**	**38,400**	**120.0**	**50.6**	**32,600**
100.0	47.6	46,000	110.0	45.9	38,900	110.0	49.3	38,600	120.0	47.7	33,000	130.0	46.3	28,000
110.0	**41.7**	**39,500**	**120.0**	**40.2**	**33,700**	**120.0**	**44.3**	**33,400**	**130.0**	**42.9**	**28,700**	**140.0**	**41.6**	**24,100**
120.0	35.0	34,300	130.0	33.8	29,100	130.0	38.9	28,900	140.0	37.6	24,600	150.0	36.6	20,400
126.6	**30.0**	**31,300**	**135.1**	**30.0**	**27,100**	**140.0**	**32.6**	**25,300**	**150.0**	**31.7**	**21,200**	**160.0**	**30.7**	**17,300**
						144.0	30.0	24,000	152.5	30.0	20,500	161.0	30.0	16,900
Reeves		**8**	**Reeves**		**7**	**Reeves**		**7**	**Reeves**		**6**	**Reeves**		**6**

Note: Designed and rated to comply with ANSI Code B30.5

Capacities based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.

Refer to notes P12 and P13.

Crane Boom With Fixed Jib Lifting Capacity

Unit: lbs

Counterweight: 199,300 lbs, Carbody weight: 60,500 lbs

80' Jib Length

190 ft Boom			200 ft Boom			210 ft Boom			220 ft Boom			230 ft Boom		
Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
39.0	80.0	155,800 *	40.6	80.0	140,200 *	42.3	80.0	137,500 *	44.2	80.0	129,800 *	45.9	80.0	120,300 *
40.0	**79.7**	**152,600 ***	**42.0**	**79.6**	**137,300 ***	**44.0**	**79.6**	**132,700 ***	**46.0**	**79.5**	**124,300 ***	**46.0**	**79.9**	**120,100 ***
42.0	79.1	146,100 *	44.0	79.0	133,100 *	46.0	79.0	127,000 *	48.0	79.0	119,200 *	48.0	79.5	114,900 *
44.0	**78.5**	**139,500 ***	**46.0**	**78.5**	**128,700 ***	**48.0**	**78.5**	**121,600 ***	**50.0**	**78.5**	**114,000 ***	**50.0**	**79.0**	**109,700 ***
46.0	77.8	132,900 *	48.0	77.9	123,600 *	50.0	77.9	116,200 *	55.0	77.1	102,300	55.0	77.7	98,600
48.0	**77.2**	**127,200 ***	**50.0**	**77.3**	**118,500 ***	**55.0**	**76.5**	**104,200**	**60.0**	**75.8**	**92,200**	**60.0**	**76.4**	**89,700**
50.0	76.6	121,500 *	55.0	75.8	106,600	60.0	75.1	94,000	65.0	74.4	83,700	65.0	75.1	81,600
55.0	**75.0**	**108,700**	**60.0**	**74.3**	**95,900**	**65.0**	**73.7**	**85,200**	**70.0**	**73.1**	**76,400**	**70.0**	**73.8**	**74,700**
60.0	73.5	97,600	65.0	72.8	86,600	70.0	72.2	76,900	75.0	71.7	69,300	75.0	72.5	68,200
65.0	**71.9**	**87,000**	**70.0**	**71.3**	**77,800**	**75.0**	**70.8**	**69,400**	**80.0**	**70.3**	**62,400**	**80.0**	**71.2**	**62,000**
70.0	70.3	78,100	75.0	69.8	70,000	80.0	69.3	62,700	85.0	68.9	56,700	85.0	69.9	56,300
75.0	**68.7**	**70,300**	**80.0**	**68.3**	**63,200**	**85.0**	**67.9**	**57,000**	**90.0**	**67.5**	**51,700**	**90.0**	**68.6**	**51,200**
80.0	67.0	63,500	85.0	66.7	57,200	90.0	66.4	51,900	95.0	66.1	47,100	95.0	67.2	46,700
85.0	**65.4**	**57,600**	**90.0**	**65.1**	**52,400**	**95.0**	**64.9**	**47,400**	**100.0**	**64.7**	**43,200**	**100.0**	**65.8**	**42,700**
90.0	63.7	52,700	95.0	63.5	48,000	100.0	63.4	43,400	110.0	61.7	36,600	110.0	63.1	36,200
95.0	**62.0**	**48,200**	**100.0**	**61.9**	**44,000**	**110.0**	**60.3**	**36,800**	**120.0**	**58.7**	**31,000**	**120.0**	**60.2**	**30,300**
100.0	60.3	44,300	110.0	58.6	37,300	120.0	57.0	31,400	130.0	55.6	25,900	130.0	57.3	25,000
110.0	**56.7**	**37,500**	**120.0**	**55.2**	**31,900**	**130.0**	**53.7**	**26,500**	**140.0**	**52.4**	**21,400**	**140.0**	**54.3**	**20,400**
120.0	53.0	32,300	130.0	51.6	27,200	140.0	50.2	22,000	150.0	49.0	17,900	150.0	51.1	17,000
130.0	**49.1**	**27,600**	**140.0**	**47.8**	**22,900**	**150.0**	**46.6**	**18,100**	**160.0**	**45.4**	**14,700**	**160.0**	**47.8**	**14,000**
140.0	45.0	23,400	150.0	43.8	19,200	160.0	42.6	15,000	170.0	41.6	12,200	170.0	44.4	11,400
150.0	**40.5**	**19,700**	**160.0**	**39.4**	**16,000**	**170.0**	**38.4**	**12,500**	**180.0**	**37.5**	**9,900**	**180.0**	**40.6**	**9,000**
160.0	35.5	16,600	170.0	34.6	13,300	180.0	33.7	10,300	190.0	32.9	7,700	190.0	36.6	6,800
169.9	**30.0**	**13,800**	**178.4**	**30.0**	**11,400**	**187.3**	**30.0**	**8,800**	**195.8**	**30.0**	**6,600**	**196.8**	**33.6**	**5,500**
Reeves		**6**	**Reeves**		**5**	**Reeves**		**5**	**Reeves**		**5**	**Reeves**		**5**

80' Jib Length

240 ft Boom			250 ft Boom		
Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
47.5	80.0	110,000 *	49.5	80.0	98,100 *
48.0	**79.9**	**109,300 ***	**50.0**	**79.9**	**97,800 ***
50.0	79.4	106,400 *	55.0	78.7	93,500 *
55.0	**78.2**	**97,700**	**60.0**	**77.5**	**86,800**
60.0	77.0	88,200	65.0	76.3	78,600
65.0	**75.8**	**80,100**	**70.0**	**75.2**	**71,800**
70.0	74.5	73,100	75.0	74.0	65,600
75.0	**73.3**	**66,900**	**80.0**	**72.8**	**60,100**
80.0	72.0	61,400	85.0	71.6	55,300
85.0	**70.8**	**55,800**	**90.0**	**70.3**	**50,600**
90.0	69.5	50,900	95.0	69.1	46,300
95.0	**68.2**	**46,500**	**100.0**	**67.9**	**42,200**
100.0	66.9	42,500	110.0	65.4	35,500
110.0	**64.3**	**35,800**	**120.0**	**62.8**	**29,200**
120.0	61.6	29,700	130.0	60.2	23,900
130.0	**58.8**	**24,400**	**140.0**	**57.5**	**19,600**
140.0	56.0	19,900	150.0	54.8	16,100
150.0	**53.0**	**16,400**	**160.0**	**51.9**	**12,900**
160.0	50.0	13,600	170.0	48.9	10,500
170.0	**46.8**	**10,700**	**180.0**	**45.8**	**7,900**
180.0	43.4	8,500	190.0	42.5	5,500
190.0	**39.8**	**6,200**	**190.2**	**42.4**	**5,500**
190.2	39.6	6,100			
Reeves		**4**	**Reeves**		**4**

Note: Designed and rated to comply with ANSI Code B30.5

Capacities based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.

Refer to notes P12 and P13.

LIFTING CAPACITY

Crane Boom With Fixed Jib Lifting Capacity

Unit: lbs

Counterweight: 199,300 lbs, Carbody weight: 60,500 lbs

100' Jib Length

90 ft Boom			100 ft Boom			110 ft Boom			120 ft Boom			130 ft Boom		
Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
21.6	80.0	355,300 *	23.2	80.0	313,900 *	25.2	80.0	293,600 *	26.9	80.0	259,000 *	28.5	80.0	235,000 *
22.0	**79.7**	**350,200 ***	**24.0**	**79.6**	**309,600 ***	**26.0**	**79.5**	**290,300 ***	**28.0**	**79.4**	**256,500 ***	**30.0**	**79.4**	**231,500 ***
24.0	78.4	323,400 *	26.0	78.4	297,300 *	28.0	78.4	273,400 *	30.0	78.4	249,100 *	32.0	78.5	222,500 *
26.0	**77.1**	**299,200 ***	**28.0**	**77.3**	**276,600 ***	**30.0**	**77.4**	**255,600 ***	**32.0**	**77.5**	**232,300 ***	**34.0**	**77.5**	**211,500 ***
28.0	75.8	279,200 *	30.0	76.1	256,100 *	32.0	76.3	238,600 *	34.0	76.5	217,600	36.0	76.6	199,000 *
30.0	**74.5**	**259,900 ***	**32.0**	**74.9**	**240,300 ***	**34.0**	**75.2**	**222,600**	**36.0**	**75.5**	**204,200**	**38.0**	**75.7**	**186,600 ***
32.0	73.2	241,500 *	34.0	73.7	224,500	36.0	74.1	207,500	38.0	74.5	190,900	40.0	74.8	174,800
34.0	**71.8**	**224,700**	**36.0**	**72.5**	**208,800**	**38.0**	**73.1**	**192,400**	**40.0**	**73.5**	**178,200**	**42.0**	**73.9**	**164,200**
36.0	70.5	209,000	38.0	71.3	193,000	40.0	72.0	178,400	42.0	72.5	166,500	44.0	73.0	153,700
38.0	**69.1**	**193,300**	**40.0**	**70.1**	**178,600**	**42.0**	**70.8**	**166,800**	**44.0**	**71.5**	**154,900**	**46.0**	**72.0**	**143,200**
40.0	67.7	178,800	42.0	68.8	167,000	44.0	69.7	155,100	46.0	70.5	143,400	48.0	71.1	135,300
42.0	**66.3**	**167,200**	**44.0**	**67.6**	**155,400**	**46.0**	**68.6**	**143,600**	**48.0**	**69.5**	**135,600**	**50.0**	**70.2**	**127,500**
44.0	64.9	155,600	46.0	66.3	143,900	48.0	67.5	135,800	50.0	68.4	127,700	55.0	67.8	110,400
46.0	**63.5**	**144,100**	**48.0**	**65.1**	**136,000**	**50.0**	**66.3**	**127,900**	**55.0**	**65.8**	**110,700**	**60.0**	**65.4**	**96,700**
48.0	62.0	136,200	50.0	63.8	128,100	55.0	63.4	110,900	60.0	63.2	96,900	65.0	62.9	85,900
50.0	**60.6**	**128,400**	**55.0**	**60.5**	**111,100**	**60.0**	**60.5**	**97,100**	**65.0**	**60.4**	**86,200**	**70.0**	**60.4**	**77,100**
55.0	56.8	111,300	60.0	57.1	97,300	65.0	57.4	86,400	70.0	57.6	77,300	75.0	57.8	69,600
60.0	**52.9**	**97,600**	**65.0**	**53.6**	**86,600**	**70.0**	**54.2**	**77,500**	**75.0**	**54.7**	**69,800**	**80.0**	**55.2**	**63,100**
65.0	48.7	86,800	70.0	49.9	77,900	75.0	50.9	70,000	80.0	51.7	63,300	85.0	52.4	57,400
70.0	**44.2**	**78,100**	**75.0**	**46.0**	**70,400**	**80.0**	**47.4**	**63,500**	**85.0**	**48.6**	**57,600**	**90.0**	**49.5**	**52,600**
75.0	39.3	70,600	80.0	41.8	63,900	85.0	43.8	57,800	90.0	45.3	52,800	95.0	46.5	48,300
80.0	**33.9**	**64,000**	**85.0**	**37.3**	**58,500**	**90.0**	**39.7**	**53,100**	**95.0**	**41.7**	**48,600**	**100.0**	**43.4**	**44,500**
83.3	30.0	60,100	90.0	32.0	53,600	95.0	35.4	48,800	100.0	38.0	44,800	110.0	36.4	38,100
			91.8	**30.0**	**51,800**	**100.0**	**30.6**	**45,100**	**109.2**	**30.0**	**39,000**	**117.7**	**30.0**	**34,100**
						100.7	30.0	44,700						
Reeves		**14**	**Reeves**		**12**	**Reeves**		**10**	**Reeves**		**10**	**Reeves**		**8**

100' Jib Length

140 ft Boom			150 ft Boom			160 ft Boom			170 ft Boom			180 ft Boom		
Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
30.1	80.0	217,500 *	32.1	80.0	198,800 *	33.7	80.0	187,300 *	35.4	80.0	170,800 *	37.4	80.0	164,000 *
32.0	**79.3**	**213,100 ***	**34.0**	**79.2**	**191,500 ***	**34.0**	**79.9**	**186,500 ***	**36.0**	**79.8**	**169,300 ***	**38.0**	**79.8**	**161,900 ***
34.0	78.5	204,400 *	36.0	78.5	183,400 *	36.0	79.2	178,800 *	38.0	79.1	164,000 *	40.0	79.1	154,900 *
36.0	**77.6**	**193,100 ***	**38.0**	**77.7**	**175,300 ***	**38.0**	**78.5**	**171,000 ***	**40.0**	**78.5**	**158,100 ***	**42.0**	**78.5**	**147,600 ***
38.0	76.8	181,800 *	40.0	76.9	167,100 *	40.0	77.7	163,200 *	42.0	77.8	150,800 *	44.0	77.8	140,300 *
40.0	**75.9**	**171,100**	**42.0**	**76.1**	**158,700 ***	**42.0**	**77.0**	**155,100 ***	**44.0**	**77.1**	**143,500 ***	**46.0**	**77.2**	**133,100**
42.0	75.1	161,700	44.0	75.3	150,300 *	44.0	76.2	147,100 *	46.0	76.4	136,200	48.0	76.5	127,400
44.0	**74.2**	**152,300**	**46.0**	**74.5**	**141,900**	**46.0**	**75.5**	**139,000**	**48.0**	**75.7**	**130,200**	**50.0**	**75.8**	**121,600**
46.0	73.4	143,000	48.0	73.7	134,300	48.0	74.8	132,300	50.0	75.0	124,200	55.0	74.2	108,000
48.0	**72.5**	**135,100**	**50.0**	**72.9**	**126,700**	**50.0**	**74.0**	**125,500**	**55.0**	**73.2**	**109,600**	**60.0**	**72.5**	**95,600**
50.0	71.6	127,300	55.0	70.9	110,000	55.0	72.1	109,800	60.0	71.5	95,800	65.0	70.8	84,800
55.0	**69.5**	**110,200**	**60.0**	**68.9**	**96,200**	**60.0**	**70.2**	**96,000**	**65.0**	**69.7**	**85,100**	**70.0**	**69.1**	**76,000**
60.0	67.3	96,500	65.0	66.8	85,500	65.0	68.3	85,300	70.0	67.8	76,200	75.0	67.4	68,500
65.0	**65.0**	**85,700**	**70.0**	**64.7**	**76,700**	**70.0**	**66.4**	**76,400**	**75.0**	**66.0**	**68,700**	**80.0**	**65.7**	**62,000**
70.0	62.7	76,900	75.0	62.5	69,100	75.0	64.4	68,900	80.0	64.1	62,200	85.0	63.9	56,100
75.0	**60.4**	**69,400**	**80.0**	**60.4**	**62,700**	**80.0**	**62.4**	**62,400**	**85.0**	**62.2**	**56,500**	**90.0**	**62.1**	**51,300**
80.0	58.0	62,900	85.0	58.1	57,000	85.0	60.3	56,700	90.0	60.3	51,700	95.0	60.3	47,000
85.0	**55.5**	**57,200**	**90.0**	**55.8**	**52,200**	**90.0**	**58.2**	**52,000**	**95.0**	**58.3**	**47,500**	**100.0**	**58.4**	**43,100**
90.0	53.0	52,400	95.0	53.5	47,900	95.0	56.1	47,700	100.0	56.3	43,500	110.0	54.6	36,500
95.0	**50.3**	**48,100**	**100.0**	**51.0**	**44,000**	**100.0**	**53.9**	**43,800**	**110.0**	**52.1**	**36,800**	**120.0**	**50.6**	**31,100**
100.0	47.6	44,300	110.0	45.9	37,300	110.0	49.3	37,100	120.0	47.7	31,500	130.0	46.3	26,500
110.0	**41.7**	**37,900**	**120.0**	**40.2**	**32,100**	**120.0**	**44.3**	**31,900**	**130.0**	**42.9**	**27,100**	**140.0**	**41.6**	**22,300**
120.0	35.0	32,800	130.0	33.8	27,800	130.0	38.9	27,400	140.0	37.6	22,900	150.0	36.6	18,600
126.6	**30.0**	**29,700**	**135.1**	**30.0**	**25,700**	**140.0**	**32.6**	**23,900**	**150.0**	**31.7**	**19,400**	**160.0**	**30.7**	**15,700**
						144.0	30.0	22,400	152.5	30.0	18,700	161.0	30.0	15,400
Reeves		**8**	**Reeves**		**7**	**Reeves**		**7**	**Reeves**		**6**	**Reeves**		**6**

Note: Designed and rated to comply with ANSI Code B30.5
Capacities based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.
Refer to notes P12 and P13

Crane Boom With Fixed Jib Lifting Capacity

Unit: lbs

Counterweight: 199,300 lbs, Carbody weight: 60,500 lbs

100' Jib Length

190 ft Boom			200 ft Boom			210 ft Boom			220 ft Boom			230 ft Boom		
Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
39.0	80.0	152,700 *	40.6	80.0	137,300 *	42.3	80.0	134,900 *	44.2	80.0	127,200 *	45.9	80.0	117,900 *
40.0	**79.7**	**149,600 ***	**42.0**	**79.6**	**134,500 ***	**44.0**	**79.6**	**130,200 ***	**46.0**	**79.5**	**121,700 ***	**46.0**	**79.9**	**117,700 ***
42.0	79.1	143,100 *	44.0	79.0	130,300 *	46.0	79.0	124,500 *	48.0	79.0	116,600 *	48.0	79.5	112,500 *
44.0	**78.5**	**136,700 ***	**46.0**	**78.5**	**126,100 ***	**48.0**	**78.5**	**119,200 ***	**50.0**	**78.5**	**111,500 ***	**50.0**	**79.0**	**107,200 ***
46.0	77.8	130,300 *	48.0	77.9	121,100 *	50.0	77.9	113,900 *	55.0	77.1	100,100	55.0	77.7	96,300
48.0	**77.2**	**124,700 ***	**50.0**	**77.3**	**116,200 ***	**55.0**	**76.5**	**102,000**	**60.0**	**75.8**	**90,300**	**60.0**	**76.4**	**87,700**
50.0	76.6	119,100 *	55.0	75.8	104,400	60.0	75.1	91,800	65.0	74.4	81,700	65.0	75.1	79,600
55.0	**75.0**	**106,500**	**60.0**	**74.3**	**93,600**	**65.0**	**73.7**	**83,200**	**70.0**	**73.1**	**74,500**	**70.0**	**73.8**	**72,900**
60.0	73.5	95,400	65.0	72.8	84,200	70.0	72.2	75,100	75.0	71.7	67,400	75.0	72.5	66,500
65.0	**71.9**	**84,600**	**70.0**	**71.3**	**75,600**	**75.0**	**70.8**	**67,600**	**80.0**	**70.3**	**60,700**	**80.0**	**71.2**	**60,200**
70.0	70.3	75,800	75.0	69.8	68,000	80.0	69.3	60,900	85.0	68.9	55,200	85.0	69.9	54,500
75.0	**68.7**	**68,200**	**80.0**	**68.3**	**61,500**	**85.0**	**67.9**	**55,400**	**90.0**	**67.5**	**50,100**	**90.0**	**68.6**	**49,600**
80.0	67.0	61,700	85.0	66.7	55,600	90.0	66.4	50,300	95.0	66.1	45,600	95.0	67.2	45,200
85.0	**65.4**	**55,900**	**90.0**	**65.1**	**50,700**	**95.0**	**64.9**	**45,800**	**100.0**	**64.7**	**41,600**	**100.0**	**65.8**	**41,200**
90.0	63.7	51,100	95.0	63.5	46,300	100.0	63.4	41,800	110.0	61.7	35,100	110.0	63.1	34,800
95.0	**62.0**	**46,600**	**100.0**	**61.9**	**42,300**	**110.0**	**60.3**	**35,300**	**120.0**	**58.7**	**29,200**	**120.0**	**60.2**	**28,400**
100.0	60.3	42,500	110.0	58.6	35,600	120.0	57.0	29,900	130.0	55.6	24,200	130.0	57.3	23,100
110.0	**56.7**	**36,000**	**120.0**	**55.2**	**30,400**	**130.0**	**53.7**	**24,600**	**140.0**	**52.4**	**19,600**	**140.0**	**54.3**	**18,700**
120.0	53.0	30,800	130.0	51.6	25,500	140.0	50.2	20,200	150.0	49.0	16,100	150.0	51.1	15,200
130.0	**49.1**	**25,900**	**140.0**	**47.8**	**21,100**	**150.0**	**46.6**	**16,600**	**160.0**	**45.4**	**13,200**	**160.0**	**47.8**	**12,300**
140.0	45.0	21,600	150.0	43.8	17,500	160.0	42.6	13,400	170.0	41.6	10,700	170.0	44.4	9,800
150.0	**40.5**	**17,900**	**160.0**	**39.4**	**14,400**	**170.0**	**38.4**	**10,900**	**180.0**	**37.5**	**8,300**	**180.0**	**40.6**	**7,300**
160.0	35.5	14,900	170.0	34.6	11,600	180.0	33.7	8,800	190.0	32.9	6,200	190.0	36.6	5,300
169.9	**30.0**	**12,100**	**178.4**	**30.0**	**9,700**	**187.3**	**30.0**	**7,200**	**195.8**	**30.0**	**5,200**	**190.2**	**36.5**	**5,200**
Reeves		**6**	**Reeves**		**5**	**Reeves**		**5**	**Reeves**		**5**	**Reeves**		**4**

100' Jib Length

240 ft Boom			250 ft Boom		
Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
47.5	80.0	107,500 *	49.5	80.0	95,800 *
48.0	**79.9**	**106,900 ***	**50.0**	**79.9**	**95,600 ***
50.0	79.4	104,100 *	55.0	78.7	91,300 *
55.0	**78.2**	**95,500**	**60.0**	**77.5**	**84,600**
60.0	77.0	86,000	65.0	76.3	76,600
65.0	**75.8**	**78,300**	**70.0**	**75.2**	**70,000**
70.0	74.5	71,300	75.0	74.0	64,000
75.0	**73.3**	**65,200**	**80.0**	**72.8**	**58,500**
80.0	72.0	59,700	85.0	71.6	53,800
85.0	**70.8**	**54,300**	**90.0**	**70.3**	**49,100**
90.0	69.5	49,400	95.0	69.1	44,700
95.0	**68.2**	**44,900**	**100.0**	**67.9**	**40,700**
100.0	66.9	40,900	110.0	65.4	33,700
110.0	**64.3**	**34,100**	**120.0**	**62.8**	**27,500**
120.0	61.6	27,900	130.0	60.2	22,100
130.0	**58.8**	**22,600**	**140.0**	**57.5**	**17,800**
140.0	56.0	18,200	150.0	54.8	14,300
150.0	**53.0**	**14,800**	**160.0**	**51.9**	**11,400**
160.0	50.0	11,800	170.0	48.9	8,700
170.0	**46.8**	**9,200**	**177.1**	**46.7**	**7,000**
180.0	43.4	6,800			
183.7	**42.1**	**5,900**			
Reeves		**4**	**Reeves**		**4**

Note: Designed and rated to comply with ANSI Code B30.5

Capacities based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.

Refer to notes P12 and P13.

LIFTING CAPACITY

Fixed Jib Lifting Capacity (Without Main Hook)

Unit: lbs

Counterweight: 199,300 lbs, Carbody weight: 60,500 lbs

90' Boom

40 ft Jib						60 ft Jib						80 ft Jib						100 ft Jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
34.1	80.0	59,500*				41.0	80.0	46,700*				47.9	80.0	26,600*				54.8	80.0	14,900*			
36.0	**79.2**	**58,300***				**42.0**	**79.6**	**46,300***				**48.0**	**79.9**	**25,600***				**55.0**	**79.9**	**14,900***			
38.0	78.3	57,000*				44.0	78.9	45,600*				50.0	79.3	26,300*				60.0	78.4	14,200*			
40.0	**77.4**	**55,900***				**46.0**	**78.1**	**44,900***				**55.0**	**77.5**	**25,500***				**65.0**	**76.8**	**13,700***			
42.0	76.5	55,100*				48.0	77.3	44,200*				60.0	75.8	24,500*				70.0	75.2	13,200*			
44.0	**75.6**	**54,300***				**50.0**	**76.5**	**43,400***				**65.0**	**74.0**	**23,600***				**75.0**	**73.6**	**12,700***			
46.0	74.7	53,500*	46.2	80.0	42,500*	55.0	74.5	41,700*	59.0	80.0	29,700*	70.0	72.2	23,000*	71.8	80.1	18,000*	80.0	72.0	12,200*	84.9	80.0	9,700*
48.0	**73.8**	**52,600***	**48.0**	**79.2**	**42,100***	**60.0**	**72.5**	**40,200***	**60.0**	**79.6**	**29,700***	**75.0**	**70.4**	**22,300***	**75.0**	**78.9**	**17,700***	**85.0**	**70.4**	**11,700***	**85.0**	**79.9**	**9,700***
50.0	72.8	51,700*	50.0	78.2	41,700*	65.0	70.4	38,700*	65.0	77.5	29,700*	80.0	68.5	21,600*	80.0	76.9	17,200*	90.0	68.7	11,300*	90.0	78.2	9,300*
55.0	**70.5**	**49,600***	**55.0**	**75.8**	**40,500***	**70.0**	**68.4**	**37,500***	**70.0**	**75.4**	**29,100***	**85.0**	**66.7**	**20,700***	**85.0**	**75.0**	**16,700***	**95.0**	**67.0**	**11,000***	**95.0**	**76.5**	**9,100***
60.0	68.1	47,700*	60.0	73.4	39,100*	75.0	66.2	36,300*	75.0	73.2	28,400*	90.0	64.8	20,200*	90.0	73.0	16,400*	100.0	65.3	10,600*	100.0	74.7	8,900*
65.0	**65.7**	**45,800***	**65.0**	**70.9**	**37,200***	**80.0**	**64.1**	**35,100***	**80.0**	**70.9**	**27,500***	**95.0**	**62.8**	**19,600***	**95.0**	**71.0**	**16,100***	**110.0**	**61.8**	**10,000***	**110.0**	**71.0**	**8,400***
70.0	63.2	44,300*	70.0	68.3	35,700*	85.0	61.9	34,000*	85.0	68.6	26,500*	100.0	60.8	19,000*	100.0	68.9	15,700*	120.0	58.1	9,400*	120.0	67.2	8,100*
75.0	**60.7**	**42,700***	**75.0**	**65.7**	**34,300***	**90.0**	**59.6**	**32,200***	**90.0**	**66.3**	**25,500***	**110.0**	**56.7**	**18,000***	**110.0**	**64.6**	**15,000***	**130.0**	**54.2**	**8,900***	**130.0**	**63.1**	**7,900***
80.0	58.1	41,300*	80.0	62.9	33,200*	95.0	57.3	30,500*	95.0	63.8	24,600*	120.0	52.3	17,000*	120.0	59.9	14,400*	140.0	50.1	8,500*	140.0	58.8	7,600*
85.0	**55.4**	**39,900***	**85.0**	**60.1**	**32,000***	**100.0**	**54.9**	**29,100***	**100.0**	**61.3**	**23,700***	**130.0**	**47.6**	**16,200***	**130.0**	**54.9**	**13,900***	**150.0**	**45.7**	**8,100***	**150.0**	**54.0**	**7,300***
90.0	52.5	38,600*	90.0	57.2	31,000*	110.0	49.8	26,500*	110.0	56.0	22,200*	140.0	42.4	15,500*	140.0	48.3	13,600*	160.0	40.8	7,800*	160.0	48.7	7,200*
95.0	**49.6**	**37,500***	**95.0**	**54.1**	**30,100***	**120.0**	**44.3**	**24,500***	**120.0**	**50.1**	**21,100***	**150.0**	**36.6**	**15,000***	**150.0**	**42.8**	**13,400***	**170.0**	**35.3**	**7,300***	**170.0**	**42.5**	**7,000***
100.0	46.5	36,400*	100.0	50.9	29,300*	130.0	38.0	22,800*	130.0	43.2	20,300*	159.4	30.0	14,500*	160.0	34.4	13,400*	178.1	30.0	6,800*	180.0	34.4	6,500
110.0	**39.8**	**34,400***	**110.0**	**43.6**	**28,100***	**140.0**	**30.6**	**21,400***	**140.0**	**34.5**	**19,700***				**164.3**	**30.0**	**13,400***				**184.3**	**30.0**	**5,100**
120.0	31.7	32,300*	120.0	34.6	27,400*	140.7	30.0	21,300*	144.3	30.0	19,600*												
121.7	**30.0**	**31,900***	**124.3**	**30.0**	**27,300***																		
Reeves		**2**	**Reeves**		**2**	**Reeves**		**2**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**

100' Boom

40 ft Jib						60 ft Jib						80 ft Jib						100 ft Jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
36.1	80.0	58,200*				43.0	80.0	46,700*				49.5	80.0	26,600*				56.4	80.0	14,900*			
38.0	**79.2**	**57,500***				**44.0**	**79.6**	**46,300***				**50.0**	**79.9**	**26,600***				**60.0**	**79.0**	**14,400***			
40.0	78.3	56,800*				46.0	78.8	45,600*				55.0	78.3	25,800*				65.0	77.5	13,900*			
42.0	**77.5**	**56,000***				**48.0**	**78.1**	**44,900***				**60.0**	**76.6**	**24,900***				**70.0**	**76.0**	**13,400***			
44.0	76.6	55,200*				50.0	77.4	44,200*				65.0	74.9	24,100*				75.0	74.5	12,900*			
46.0	**75.8**	**54,400***	**47.9**	**80.1**	**42,500***	**55.0**	**75.5**	**42,600***				**70.0**	**73.2**	**23,400***	**73.8**	**80.0**	**18,000***	**80.0**	**72.9**	**12,400***			
48.0	75.0	53,700*	48.0	79.9	42,500*	60.0	73.6	41,100*	61.0	80.0	29,700*	75.0	71.5	22,700*	75.0	79.5	17,900*	85.0	71.4	12,100*	86.6	80.0	9,700*
50.0	**74.1**	**53,000***	**50.0**	**79.1**	**42,100***	**65.0**	**71.7**	**39,600***	**65.0**	**78.4**	**29,700***	**80.0**	**69.8**	**22,000***	**80.0**	**77.8**	**17,500***	**90.0**	**69.8**	**11,600***	**90.0**	**78.9**	**9,500***
55.0	71.9	51,400*	55.0	76.9	41,100*	70.0	69.8	38,400*	70.0	76.4	29,300*	85.0	68.1	21,400*	85.0	75.9	17,000*	95.0	68.3	11,200*	95.0	77.2	9,200*
60.0	**69.8**	**49,700***	**60.0**	**74.7**	**40,000***	**75.0**	**67.8**	**37,200***	**75.0**	**74.4**	**28,800***	**90.0**	**66.3**	**20,700***	**90.0**	**74.1**	**16,600***	**100.0**	**66.6**	**10,900***	**100.0**	**75.6**	**8,900***
65.0	67.6	48,400*	65.0	72.4	38,300*	80.0	65.9	36,100*	80.0	72.3	28,100*	95.0	64.5	20,000*	95.0	72.2	16,300*	110.0	63.4	10,200*	110.0	72.1	8,600*
70.0	**65.3**	**46,900***	**70.0**	**70.1**	**36,800***	**85.0**	**63.8**	**35,100***	**85.0**	**70.2**	**27,100***	**100.0**	**62.6**	**19,400***	**100.0**	**70.3**	**15,900***	**120.0**	**60.0**	**9,600***	**120.0**	**68.6**	**8,300***
75.0	63.0	45,500*	75.0	67.7	35,300*	90.0	61.8	33,700*	90.0	68.0	26,100*	110.0	58.8	18,400*	110.0	66.3	15,300*	130.0	56.4	9,100*	130.0	64.8	7,900*
80.0	**60.6**	**44,200***	**80.0**	**65.2**	**34,000***	**95.0**	**59.6**	**32,200***	**95.0**	**65.8**	**25,200***	**120.0**	**54.9**	**17,500***	**120.0**	**62.1**	**14,700***	**140.0**	**52.7**	**8,700***	**140.0**	**60.9**	**7,700***
85.0	58.2	43,000*	85.0	62.7	32,900*	100.0	57.5	30,600*	100.0	63.6	24,400*	130.0	50.6	16,800*	130.0	57.7	14,100*	150.0	48.7	8,400*	150.0	56.7	7,500*
90.0	**55.7**	**41,700***	**90.0**	**60.1**	**32,000***	**110.0**	**52.9**	**27,900***	**110.0**	**58.8**	**22,900***	**140.0**	**46.1**	**15,900***	**140.0**	**52.8**	**13,800***	**160.0**	**44.4**	**8,000***	**160.0**	**52.0**	**7,200***
95.0	53.1	40,300*	95.0	57.4	31,100*	120.0	48.0	26,800*	120.0	53.6	21,800*	150.0	41.1	15,400*	150.0	47.4	13,400*	170.0	39.7	7,700*	170.0	46.9	7,200*
100.0	**50.4**	**39,000***	**100.0**	**54.6**	**30,200***	**130.0**	**42.7**	**24,000***	**130.0**	**47.9**	**20,800***	**160.0**	**35.4**	**14,600***	**160.0**	**41.0**	**13,400***	**180.0**	**34.3**	**7,300***	**180.0**	**40.7**	**6,800***
110.0	44.7	36,500*	110.0	48.5	28,800*	140.0	36.6	22,400*	140.0	41.3	20,100*	167.9	30.0	14,500*	170.0	33.0	13,400*	187.0	30.0	6,600*	190.0	33.0	6,400
120.0	**38.2**	**34,100***	**120.0**	**41.6**	**27,800***	**149.2**	**30.0**	**21,300***	**150.0**	**33.0**	**19,600***				**172.9**	**30.0**	**13,400***				**192.9**	**30.0**	**6,100**
130.0	30.4	32,000*	130.0	33.0	27,300*				152.8	30.0	19,600*												
130.5	**30.0**	**31,900***	**132.8**	**30.0**	**27,300***																		
Reeves		**2**	**Reeves**		**2**	**Reeves**		**2**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**

Note: Designed and rated to comply with ANSI Code B30.5

Capacities based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.

Refer to notes P12 and P13.

Fixed Jib Lifting Capacity (Without Main Hook)

Unit: lbs

Counterweight: 199,300 lbs, Carbody weight: 60,500 lbs

110' Boom

40 ft Jib						60 ft Jib						80 ft Jib						100 ft Jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
37.7	80.0	58,400*				44.6	80.0	46,700*				51.5	80.0	26,600*				58.4	80.0	14,700*			
38.0	**79.9**	**58,300***				**46.0**	**79.5**	**46,200***				**55.0**	**78.9**	**26,200***				**60.0**	**79.5**	**14,600***			
40.0	79.1	57,700*				48.0	78.8	45,600*				60.0	77.3	25,400*				65.0	78.1	14,100*			
42.0	**78.3**	**56,900***				**50.0**	**78.1**	**44,900***				**65.0**	**75.8**	**24,500***				**70.0**	**76.7**	**13,600***			
44.0	77.6	56,100*				55.0	76.4	43,300*				70.0	74.2	23,800*				75.0	75.2	13,100*			
46.0	**76.8**	**55,300***				**60.0**	**74.6**	**41,800***	**62.6**	**80.0**	**29,700***	**75.0**	**72.6**	**23,200***	**75.4**	**80.0**	**17,800***	**80.0**	**73.8**	**12,700***			
48.0	76.0	54,600*	49.8	80.0	42,500*	65.0	72.8	40,500*	65.0	79.1	29,700*	80.0	70.9	22,500*	80.0	76.5	17,500*	85.0	72.3	12,300*	88.2	80.0	9,700*
50.0	**75.2**	**53,900***	**50.0**	**79.9**	**42,500***	**70.0**	**71.1**	**39,300***	**70.0**	**77.3**	**29,600***	**85.0**	**69.3**	**21,800***	**85.0**	**76.8**	**17,200***	**90.0**	**70.9**	**11,800***	**90.0**	**79.5**	**9,500***
55.0	73.2	52,300*	55.0	77.9	41,400*	75.0	69.2	38,100*	75.0	75.4	29,100*	90.0	67.6	21,100*	90.0	75.0	16,800*	95.0	69.4	11,400*	95.0	77.9	9,300*
60.0	**71.2**	**50,800***	**60.0**	**75.8**	**40,500***	**80.0**	**67.4**	**37,000***	**80.0**	**73.5**	**28,400***	**95.0**	**66.0**	**20,600***	**95.0**	**73.3**	**16,400***	**100.0**	**67.9**	**11,100***	**100.0**	**76.4**	**9,100***
65.0	69.1	49,300*	65.0	73.7	39,100*	85.0	65.5	35,900*	85.0	71.5	27,800*	100.0	64.2	20,000*	100.0	71.5	16,000*	110.0	64.8	10,400*	110.0	73.2	8,600*
70.0	**67.1**	**47,900***	**70.0**	**71.5**	**37,500***	**90.0**	**63.6**	**34,900***	**90.0**	**69.5**	**26,800***	**110.0**	**60.7**	**18,800***	**110.0**	**67.8**	**15,500***	**120.0**	**61.6**	**9,800***	**120.0**	**69.8**	**8,300***
75.0	64.9	46,600*	75.0	69.4	36,200*	95.0	61.6	33,600*	95.0	67.5	25,900*	120.0	57.1	18,100*	120.0	64.0	14,900*	130.0	58.3	9,300*	130.0	66.4	8,100*
80.0	**62.8**	**45,300***	**80.0**	**67.1**	**35,000***	**100.0**	**59.7**	**32,100***	**100.0**	**65.4**	**25,000***	**130.0**	**53.2**	**17,200***	**130.0**	**59.9**	**14,400***	**140.0**	**54.8**	**8,900***	**140.0**	**62.7**	**7,800***
85.0	60.8	44,100*	85.0	64.9	34,000*	110.0	55.5	29,400*	110.0	61.1	23,500*	140.0	49.1	16,300*	140.0	55.6	14,000*	150.0	51.2	8,400*	150.0	58.9	7,500*
90.0	**58.3**	**43,100***	**90.0**	**62.5**	**33,000***	**120.0**	**51.2**	**27,100***	**120.0**	**56.5**	**22,400***	**150.0**	**44.7**	**15,700***	**150.0**	**50.9**	**13,600***	**160.0**	**47.3**	**8,200***	**160.0**	**54.8**	**7,400***
95.0	56.0	42,000*	95.0	60.1	31,900*	130.0	46.5	25,100*	130.0	51.6	21,200*	160.0	39.8	15,200*	160.0	45.6	13,400*	170.0	43.2	7,900*	170.0	50.3	7,200*
100.0	**53.6**	**40,800***	**100.0**	**57.6**	**31,000***	**140.0**	**41.3**	**23,500***	**140.0**	**46.0**	**20,500***	**170.0**	**34.3**	**14,700***	**170.0**	**39.4**	**13,400***	**180.0**	**38.5**	**7,600***	**180.0**	**45.2**	**7,100***
110.0	48.5	38,500*	110.0	52.3	29,700*	150.0	35.4	22,100*	150.0	39.6	19,900*	176.8	30.0	14,500*	180.0	31.5	13,400*	190.0	33.3	7,000*	190.0	39.3	6,600*
120.0	**43.0**	**36,000***	**120.0**	**46.5**	**28,400***	**158.1**	**30.0**	**21,300***	**160.0**	**31.5**	**19,600***				**181.7**	**30.0**	**13,400***	**195.5**	**30.0**	**6,600***	**200.0**	**31.6**	**6,000**
130.0	36.8	33,500*	130.0	39.8	27,600*				161.7	30.0	19,600*										201.4	30.0	5,900
139.1	**30.0**	**31,900***	**140.0**	**31.5**	**27,300***																		
			141.7	30.0	27,300*																		
Reeves		**2**	**Reeves**		**2**	**Reeves**		**2**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**

120' Boom

40 ft Jib						60 ft Jib						80 ft Jib						100 ft Jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
39.4	80.1	58,600*				46.3	80.0	46,700*				53.1	80.0	26,600*				60.0	80.0	14,900*			
40.0	**79.8**	**58,400***				**48.0**	**79.4**	**46,100***				**55.0**	**79.5**	**25,300***				**65.0**	**78.7**	**14,400***			
42.0	79.1	57,600*				50.0	78.8	45,500*				60.0	78.0	25,600*				70.0	77.3	13,800*			
44.0	**78.3**	**56,900***				**55.0**	**77.2**	**43,900***				**65.0**	**76.5**	**24,700***				**75.0**	**75.9**	**13,300***			
46.0	77.6	56,100*				60.0	75.5	42,500*	64.3	80.0	29,700*	70.0	75.0	24,100*				80.0	74.6	12,900*			
48.0	**76.9**	**55,500***				**65.0**	**73.8**	**41,100***	**65.0**	**79.8**	**29,700***	**75.0**	**73.5**	**23,400***	**77.0**	**80.0**	**17,800***	**85.0**	**73.2**	**12,500***			
50.0	76.1	54,800*	51.5	80.0	42,500*	70.0	72.2	39,900*	70.0	78.0	29,700*	80.0	72.0	22,600*	80.0	79.1	17,700*	90.0	71.8	12,000*	90.2	80.0	9,400*
55.0	**74.3**	**53,200***	**55.0**	**78.7**	**41,900***	**75.0**	**70.5**	**38,700***	**75.0**	**76.3**	**29,300***	**85.0**	**70.4**	**22,200***	**85.0**	**77.5**	**17,400***	**95.0**	**70.4**	**11,600***	**95.0**	**78.6**	**9,300***
60.0	72.4	51,700*	60.0	76.7	41,000*	80.0	68.7	37,600*	80.0	74.5	28,700*	90.0	68.8	21,600*	90.0	75.9	16,900*	100.0	68.9	11,300*	100.0	77.1	9,200*
65.0	**70.5**	**50,200***	**65.0**	**74.8**	**40,000***	**85.0**	**67.0**	**36,600***	**85.0**	**72.7**	**28,200***	**95.0**	**67.3**	**21,000***	**95.0**	**74.3**	**16,500***	**110.0**	**66.0**	**10,600***	**110.0**	**74.0**	**8,800***
70.0	68.6	48,800*	70.0	72.8	38,500*	90.0	65.2	35,800*	90.0	70.8	27,400*	100.0	65.7	20,500*	100.0	72.6	16,200*	120.0	63.0	10,000*	120.0	70.9	8,500*
75.0	**66.6**	**47,600***	**75.0**	**70.8**	**37,100***	**95.0**	**63.4**	**34,800***	**95.0**	**69.0**	**26,500***	**110.0**	**62.4**	**19,300***	**110.0**	**69.2**	**15,700***	**130.0**	**60.0**	**9,500***	**130.0**	**67.7**	**8,100***
80.0	64.6	46,400*	80.0	68.7	35,800*	100.0	61.6	33,600*	100.0	67.1	25,700*	120.0	59.0	18,500*	120.0	65.6	15,100*	140.0	56.7	9,100*	140.0	64.3	7,800*
85.0	**62.6**	**45,200***	**85.0**	**66.7**	**34,600***	**110.0**	**57.8**	**30,800***	**110.0**	**63.1**	**24,200***	**130.0**	**55.4**	**17,700***	**130.0**	**61.9**	**14,600***	**150.0**	**53.4**	**8,800***	**150.0**	**60.8**	**7,700***
90.0	60.5	44,000*	90.0	64.5	33,600*	120.0	53.8	28,400*	120.0	59.0	22,900*	140.0	51.7	16,800*	140.0	57.9	14,200*	160.0	49.9	8,300*	160.0	57.0	7,400*
95.0	**58.4**	**42,900***	**95.0**	**62.3**	**32,700***	**130.0**	**49.5**	**26,400***	**130.0**	**54.5**	**21,900***	**150.0**	**47.7**	**16,100***	**150.0**	**53.7**	**13,900***	**170.0**	**46.1**	**8,100***	**170.0**	**53.0**	**7,200***
100.0	56.3	41,700*	100.0	60.1	31,900*	140.0	45.0	24,600*	140.0	49.7	21,000*	160.0	43.4	15,700*	160.0	49.1	13,500*	180.0	42.0	7,800*	180.0	48.8	7,100*
110.0	**51.7**	**39,500***	**110.0**	**55.4**	**30,400***	**150.0**	**40.0**	**23,200***	**150.0**	**44.3**	**20,300***	**170.0**	**38.7**	**15,000***	**170.0**	**44.0**	**13,400***	**190.0**	**37.5**	**7,500***	**190.0**	**43.7**	**6,800***
120.0	46.9	37,200*	120.0	50.3	29,100*	160.0	34.3	22,000*	160.0	38.0	19,800*	180.0	33.3	14,600*	180.0	37.9	13,400*	200.0	32.4	7,200*	200.0	37.8	6,500
130.0	**41.5**	**35,000***	**130.0**	**44.7**	**28,300***	**166.6**	**30.0**	**21,100***	**170.0**	**30.2**	**19,600***	**185.3**	**30.0**	**14,300***	**190.0**	**30.2**	**13,400***	**204.3**	**30.0**	**6,800***	**210.0**	**30.2**	**6,100**
140.0	35.5	33,200	140.0	38.2	27,600*				170.2	30.0	19,600*				190.2	30.0	13,400*				210.3	30.0	6,100
147.9	**30.0**	**31,700**	**150.0**	**30.2**	**27,300***																		
			150.2	30.0	27,300*																		
Reeves		**2**	**Reeves**		**2**	**Reeves**		**2**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**

Note: Designed and rated to comply with ANSI Code B30.5

Capacities based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.

Refer to notes P12 and P13.

LIFTING CAPACITY

Fixed Jib Lifting Capacity (Without Main Hook)

Unit: lbs

Counterweight: 199,300 lbs, Carbody weight: 60,500 lbs

130' Boom

40 ft Jib						60 ft Jib						80 ft Jib						100 ft Jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
41.3	80.0	56,400*				47.9	80.0	46,700*				54.8	80.0	26,600*				61.7	80.0	14,900*			
42.0	**79.7**	**58,100***				**48.0**	**79.9**	**46,700***				**55.0**	**79.9**	**26,600***				**65.0**	**79.2**	**14,600***			
44.0	79.0	57,500*				50.0	79.4	46,100*				60.0	78.6	25,800*				70.0	77.9	14,100*			
46.0	**78.4**	**56,800***				**55.0**	**77.9**	**44,600***				**65.0**	**77.2**	**25,200***				**75.0**	**76.6**	**13,600***			
48.0	77.7	56,100*				60.0	76.3	43,100*				70.0	75.7	24,500*				80.0	75.3	13,100*			
50.0	**77.0**	**55,500***	**53.1**	**80.0**	**42,300***	**65.0**	**74.7**	**41,800***	**65.9**	**80.0**	**29,700***	**75.0**	**74.3**	**23,800***	**79.0**	**80.0**	**17,800***	**85.0**	**74.0**	**12,800***			
55.0	75.2	53,900*	55.0	79.4	42,000*	70.0	73.1	40,600*	70.0	78.7	29,700*	80.0	72.9	23,100*	80.0	79.7	17,700*	90.0	72.6	12,300*	91.8	80.0	9,700*
60.0	**73.5**	**52,400***	**60.0**	**77.6**	**41,300***	**75.0**	**71.5**	**39,400***	**75.0**	**77.1**	**29,400***	**85.0**	**71.4**	**22,500***	**85.0**	**78.2**	**17,400***	**95.0**	**71.3**	**11,900***	**95.0**	**79.1**	**9,400***
65.0	71.7	51,000*	65.0	75.7	40,600*	80.0	69.9	38,300*	80.0	75.4	29,000*	90.0	69.9	22,000*	90.0	76.6	17,100*	100.0	69.9	11,500*	100.0	77.7	9,200*
70.0	**69.9**	**49,700***	**70.0**	**73.9**	**39,200***	**85.0**	**68.3**	**37,300***	**85.0**	**73.7**	**28,600***	**95.0**	**68.4**	**21,500***	**95.0**	**75.1**	**16,700***	**110.0**	**67.2**	**10,900***	**110.0**	**74.8**	**8,800***
75.0	68.1	48,400*	75.0	72.0	37,900*	90.0	66.6	36,400*	90.0	72.0	27,800*	100.0	66.9	20,900*	100.0	73.5	16,400*	120.0	64.4	10,400*	120.0	71.9	8,500*
80.0	**66.2**	**47,100***	**80.0**	**70.1**	**36,700***	**95.0**	**64.9**	**35,600***	**95.0**	**70.2**	**27,000***	**110.0**	**63.8**	**19,700***	**110.0**	**70.3**	**15,900***	**130.0**	**61.4**	**9,700***	**130.0**	**68.9**	**8,100***
85.0	64.4	45,900*	85.0	68.2	35,500*	100.0	63.2	34,600*	100.0	68.5	26,200*	120.0	60.7	18,900*	120.0	67.0	15,300*	140.0	58.4	9,400*	140.0	65.7	8,000*
90.0	**62.5**	**44,500***	**90.0**	**66.3**	**34,500***	**110.0**	**59.7**	**32,100***	**110.0**	**64.8**	**24,700***	**130.0**	**57.4**	**18,100***	**130.0**	**63.6**	**14,800***	**150.0**	**55.3**	**9,000***	**150.0**	**62.5**	**7,700***
95.0	60.5	43,400*	95.0	64.3	33,500*	120.0	56.0	29,600*	120.0	61.0	23,500*	140.0	53.9	17,200*	140.0	59.9	14,400*	160.0	52.1	8,500*	160.0	59.0	7,600*
100.0	**58.5**	**42,300***	**100.0**	**62.2**	**32,600***	**130.0**	**52.2**	**27,500***	**130.0**	**57.0**	**22,300***	**150.0**	**50.3**	**16,500***	**150.0**	**56.1**	**14,100***	**170.0**	**48.6**	**8,300***	**170.0**	**55.4**	**7,400***
110.0	54.4	40,000*	110.0	57.9	31,100*	140.0	48.1	25,700*	140.0	52.7	21,800*	160.0	46.4	16,000*	160.0	52.0	13,800*	180.0	44.9	8,000*	180.0	51.4	7,200*
120.0	**50.0**	**37,700**	**120.0**	**53.4**	**29,700***	**150.0**	**43.7**	**24,100***	**150.0**	**48.0**	**20,700***	**170.0**	**42.2**	**15,400***	**170.0**	**47.5**	**13,400***	**190.0**	**41.0**	**7,700***	**190.0**	**47.1**	**7,200***
130.0	45.3	35,700	130.0	48.5	28,700*	160.0	38.6	22,800*	160.0	42.7	20,100*	180.0	37.6	15,000*	180.0	42.5	13,400*	200.0	36.6	7,400*	200.0	42.2	6,900*
140.0	**40.2**	**33,700**	**140.0**	**43.0**	**28,000***	**170.0**	**33.3**	**21,600***	**170.0**	**36.7**	**19,800***	**190.0**	**32.4**	**14,500***	**190.0**	**36.5**	**13,400***	**210.0**	**31.6**	**7,200***	**210.0**	**36.5**	**6,600**
150.0	34.3	31,500	150.0	38.8	27,300*	175.1	30.0	21,100*	178.8	30.0	19,600*	194.2	30.0	14,300	198.8	30.0	13,400*	212.9	30.0	6,800*	218.8	30.0	5,900
156.4	**30.0**	**29,700**	**158.7**	**30.0**	**27,300***																		
Reeves		**2**	**Reeves**		**2**	**Reeves**		**2**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**

140' Boom

40 ft Jib						60 ft Jib						80 ft Jib						100 ft Jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
43.0	80.0	58,400*				49.9	80.0	46,700*				56.8	80.0	26,600*				63.3	80.0	14,900*			
44.0	**79.7**	**58,100***				**50.0**	**79.9**	**45,600***				**60.0**	**79.1**	**26,200***				**65.0**	**79.6**	**14,800***			
46.0	79.0	57,500*				55.0	78.5	45,100*				65.0	77.8	25,400*				70.0	78.4	14,300*			
48.0	**78.4**	**56,800***				**60.0**	**77.0**	**43,800***				**70.0**	**76.4**	**24,700***				**75.0**	**77.2**	**13,800***			
50.0	77.7	56,100*				65.0	75.5	42,400*	67.9	80.0	29,700*	75.0	75.0	24,000*				80.0	75.9	13,300*			
55.0	**76.1**	**54,600***	**55.1**	**80.0**	**42,300***	**70.0**	**74.0**	**41,200***	**70.0**	**79.3**	**29,700***	**80.0**	**73.7**	**23,400***	**80.7**	**80.0**	**17,800***	**85.0**	**74.7**	**13,000***			
60.0	74.4	53,300*	60.0	78.3	41,700*	75.0	72.5	40,100*	75.0	77.8	29,500*	85.0	72.3	22,900*	85.0	78.8	17,600*	90.0	73.4	12,500*	93.5	80.0	9,700*
65.0	**72.8**	**51,900***	**65.0**	**76.6**	**41,000***	**80.0**	**71.0**	**38,900***	**80.0**	**76.2**	**29,200***	**90.0**	**70.9**	**22,400***	**90.0**	**77.3**	**17,300***	**95.0**	**72.1**	**12,100***	**95.0**	**79.6**	**9,500***
70.0	71.1	50,600*	70.0	74.9	39,900*	85.0	69.4	37,900*	85.0	74.6	28,900*	95.0	69.5	21,800*	95.0	75.9	16,900*	100.0	70.8	11,700*	100.0	78.3	9,400*
75.0	**69.4**	**49,400***	**75.0**	**73.1**	**38,700***	**90.0**	**67.9**	**37,100***	**90.0**	**73.0**	**28,400***	**100.0**	**68.1**	**21,200***	**100.0**	**74.4**	**16,600***	**110.0**	**68.2**	**11,100***	**110.0**	**75.6**	**9,000***
80.0	67.6	48,400*	80.0	71.4	37,400*	95.0	66.3	36,200*	95.0	71.4	27,600*	110.0	65.1	20,200*	110.0	71.4	15,900*	120.0	65.5	10,600*	120.0	72.6	8,700*
85.0	**65.9**	**47,400***	**85.0**	**69.6**	**36,200***	**100.0**	**64.7**	**35,400***	**100.0**	**69.7**	**26,800***	**120.0**	**62.2**	**19,200***	**120.0**	**68.3**	**15,500***	**130.0**	**62.8**	**10,100***	**130.0**	**69.9**	**8,400***
90.0	64.1	46,100*	90.0	67.7	35,200*	110.0	61.4	33,400*	110.0	66.3	25,300*	130.0	59.1	18,400*	130.0	65.0	15,000*	140.0	60.0	9,600*	140.0	67.0	8,000*
95.0	**62.3**	**44,800***	**95.0**	**65.9**	**34,300***	**120.0**	**58.0**	**30,800***	**120.0**	**62.8**	**24,000***	**140.0**	**55.9**	**17,700***	**140.0**	**61.7**	**14,600***	**150.0**	**57.0**	**9,200***	**150.0**	**63.9**	**7,900***
100.0	60.5	43,700*	100.0	64.0	33,400*	130.0	54.4	28,600*	130.0	59.1	23,000*	150.0	52.5	17,000*	150.0	58.2	14,100*	160.0	54.0	8,700*	160.0	60.7	7,700*
110.0	**56.7**	**41,700**	**110.0**	**60.1**	**31,700***	**140.0**	**50.7**	**25,700***	**140.0**	**55.2**	**22,000***	**160.0**	**49.0**	**16,300***	**160.0**	**54.4**	**14,000***	**170.0**	**50.8**	**8,300***	**170.0**	**57.4**	**7,500***
120.0	52.7	39,400	120.0	56.0	30,400*	150.0	46.7	25,200*	150.0	51.0	21,200*	170.0	45.2	15,800*	170.0	50.4	13,600*	180.0	47.4	8,200*	180.0	53.6	7,200*
130.0	**48.5**	**37,200**	**130.0**	**51.6**	**29,400***	**160.0**	**42.4**	**23,900***	**160.0**	**46.4**	**20,500***	**180.0**	**41.1**	**15,300***	**180.0**	**46.0**	**13,400***	**190.0**	**43.9**	**7,900***	**190.0**	**49.9**	**7,200***
140.0	43.0	34,000	140.0	46.8	28,500*	170.0	37.7	22,500*	170.0	41.4	20,000*	190.0	36.7	15,000*	190.0	41.2	13,400*	200.0	40.0	7,700*	200.0	45.7	7,000*
150.0	**39.0**	**31,100**	**150.0**	**41.6**	**27,800***	**180.0**	**32.3**	**21,500***	**180.0**	**35.5**	**19,700***	**200.0**	**31.5**	**14,500***	**200.0**	**35.3**	**13,400***	**210.0**	**35.7**	**7,400***	**210.0**	**41.0**	**7,000**
160.0	33.3	28,100	160.0	35.4	27,300	184.0	30.0	21,100*	187.6	30.0	19,600*	202.7	30.0	14,500*	207.6	30.0	13,400*	220.0	30.8	6,800*	220.0	35.3	6,400
165.0	**30.0**	**26,600**	**167.6**	**30.0**	**26,400**													**221.4**	**30.0**	**6,600***	**227.6**	**30.0**	**5,900**
Reeves		**2**	**Reeves**		**2**	**Reeves**		**2**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**

Note: Designed and rated to comply with ANSI Code B30.5

Capacities based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.

Refer to notes P12 and P13

Fixed Jib Lifting Capacity (Without Main Hook)

Unit: lbs

Counterweight: 199,300 lbs, Carbody weight: 60,500 lbs

150' Boom

40 ft Jib						60 ft Jib						80 ft Jib						100 ft Jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
44.6	80.0	58,400*				51.5	80.0	46,700*				58.4	80.0	26,600*				65.2	80.0	14,700*			
46.0	**79.6**	**57,900***				**55.0**	**79.0**	**45,600***				**60.0**	**79.6**	**26,500***				**70.0**	**78.9**	**14,300***			
48.0	79.0	57,300*				60.0	77.6	44,300*				65.0	78.3	25,600*				75.0	77.7	13,900*			
50.0	**78.4**	**56,700***				**65.0**	**76.2**	**43,100***	**69.5**	**80.0**	**29,700***	**70.0**	**77.0**	**25,100***				**80.0**	**76.5**	**13,500***			
55.0	76.6	55,300*	56.7	80.0	42,300*	70.0	74.8	41,900*	70.0	79.9	29,700*	75.0	75.7	24,600*				85.0	75.3	13,000*			
60.0	**75.3**	**53,900***	**60.0**	**78.9**	**41,900***	**75.0**	**73.4**	**40,700***	**75.0**	**78.4**	**29,600***	**80.0**	**74.4**	**23,600***	**82.3**	**80.0**	**17,800***	**90.0**	**74.1**	**12,500***			
65.0	73.7	52,600*	65.0	77.3	41,300*	80.0	71.9	39,600*	80.0	76.9	29,400*	85.0	73.1	23,100*	85.0	79.3	17,600*	95.0	72.9	12,300*	95.1	80.0	9,700*
70.0	**72.1**	**51,200***	**70.0**	**75.7**	**40,400***	**85.0**	**70.5**	**38,600***	**85.0**	**75.4**	**29,100***	**90.0**	**71.8**	**22,600***	**90.0**	**77.9**	**17,300***	**100.0**	**71.6**	**12,000***	**100.0**	**78.8**	**9,400***
75.0	70.5	49,900*	75.0	74.1	39,300*	90.0	69.0	37,700*	90.0	73.9	28,600*	95.0	70.4	22,100*	95.0	76.5	16,900*	110.0	69.1	11,300*	110.0	76.2	9,000*
80.0	**68.9**	**48,600***	**80.0**	**72.4**	**38,000***	**95.0**	**67.5**	**36,900***	**95.0**	**72.4**	**28,000***	**100.0**	**69.1**	**21,600***	**100.0**	**75.1**	**16,700***	**120.0**	**66.6**	**10,800***	**120.0**	**73.6**	**8,700***
85.0	67.3	47,400*	85.0	70.8	36,800*	100.0	66.0	36,100*	100.0	70.8	27,200*	110.0	66.3	20,600*	110.0	72.3	16,100*	130.0	64.0	10,200*	130.0	70.9	8,400*
90.0	**65.6**	**46,100***	**90.0**	**69.1**	**35,800***	**110.0**	**62.9**	**34,500***	**110.0**	**67.6**	**25,700***	**120.0**	**63.5**	**19,700***	**120.0**	**69.4**	**15,500***	**140.0**	**61.3**	**9,800***	**140.0**	**68.1**	**8,100***
95.0	63.9	44,800*	95.0	67.3	34,900*	120.0	59.7	32,100*	120.0	64.3	24,500*	130.0	60.6	18,800*	130.0	66.3	15,200*	150.0	58.6	9,300*	150.0	65.2	7,900*
100.0	**62.2**	**43,700***	**100.0**	**65.6**	**34,100***	**130.0**	**56.4**	**29,700***	**130.0**	**60.9**	**23,400***	**140.0**	**57.6**	**18,100***	**140.0**	**63.2**	**14,600***	**160.0**	**55.7**	**8,900***	**160.0**	**62.2**	**7,700***
110.0	58.7	41,300	110.0	62.0	32,400*	140.0	53.0	27,800*	140.0	57.3	22,400*	150.0	54.5	17,400*	150.0	60.0	14,300*	170.0	52.8	8,600*	170.0	59.1	7,500*
120.0	**55.0**	**38,700**	**120.0**	**58.2**	**31,100***	**150.0**	**49.4**	**26,100***	**150.0**	**53.5**	**21,600***	**160.0**	**51.2**	**16,800***	**160.0**	**56.5**	**14,000***	**180.0**	**49.6**	**8,300***	**180.0**	**55.8**	**7,400***
130.0	51.2	36,200	130.0	54.2	29,900*	160.0	45.5	24,700*	160.0	49.4	20,900*	170.0	47.8	16,100*	170.0	52.9	13,800*	190.0	46.4	8,100*	190.0	52.3	7,200*
140.0	**47.1**	**33,500**	**140.0**	**49.9**	**29,000***	**170.0**	**41.3**	**23,400***	**170.0**	**45.0**	**20,300***	**180.0**	**44.1**	**15,600***	**180.0**	**49.0**	**13,500***	**200.0**	**42.9**	**7,800***	**200.0**	**48.5**	**7,200***
150.0	42.7	30,200	150.0	45.3	28,200*	180.0	36.7	22,400	180.0	40.0	19,900*	190.0	40.1	15,200*	190.0	44.7	13,400*	210.0	39.1	7,400*	210.0	44.4	7,000*
160.0	**37.8**	**27,300**	**160.0**	**40.2**	**27,300**	**190.0**	**31.5**	**21,400**	**190.0**	**34.3**	**19,600***	**200.0**	**35.7**	**14,800***	**200.0**	**39.9**	**13,400***	**220.0**	**34.9**	**7,300***	**220.0**	**39.7**	**6,700**
170.0	32.3	24,800	170.0	34.3	25,000	192.5	30.0	21,100	196.1	30.0	19,600	210.0	30.8	14,500*	210.0	34.3	13,400*	230.0	30.1	6,800*	230.0	34.2	6,300
173.8	**30.0**	**24,000**	**176.1**	**30.0**	**23,500**							**211.2**	**30.0**	**14,300***	**216.2**	**30.0**	**13,400***	**230.3**	**30.0**	**6,800***	**236.2**	**30.0**	**6,100**
Reeves		**2**	**Reeves**		**2**	**Reeves**		**2**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**

160' Boom

40 ft Jib						60 ft Jib						80 ft Jib						100 ft Jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
48.3	80.0	58,400*				53.1	80.0	46,700*				60.0	80.0	26,600*				66.9	80.0	14,700*			
48.0	**79.5**	**57,900***				**55.0**	**79.5**	**46,200***				**65.0**	**78.8**	**26,000***				**70.0**	**79.3**	**14,500***			
50.0	79.0	57,300*				60.0	78.2	44,900*				70.0	77.6	25,400*				75.0	78.2	14,100*			
55.0	**77.5**	**55,900***	**58.3**	**80.0**	**42,300***	**65.0**	**76.9**	**43,500***				**75.0**	**76.3**	**24,700***				**80.0**	**77.0**	**13,700***			
60.0	76.0	54,600*	60.0	79.5	42,200*	70.0	75.5	42,300*	71.1	80.0	29,700*	80.0	75.1	24,100*	83.9	80.0	17,800*	85.0	75.9	13,200*			
65.0	**74.5**	**53,200***	**65.0**	**78.0**	**41,500***	**75.0**	**74.1**	**41,300***	**75.0**	**79.0**	**29,700***	**85.0**	**73.8**	**23,600***	**85.0**	**79.8**	**17,800***	**90.0**	**74.7**	**12,900***			
70.0	73.0	51,800*	70.0	76.5	40,800*	80.0	72.8	40,300*	80.0	77.6	29,600*	90.0	72.6	23,100*	90.0	78.5	17,500*	95.0	73.6	12,500*	97.1	80.0	9,200*
75.0	**71.5**	**50,300***	**75.0**	**74.9**	**39,900***	**85.0**	**71.4**	**39,300***	**85.0**	**76.1**	**29,300***	**95.0**	**71.3**	**22,600***	**95.0**	**77.2**	**17,200***	**100.0**	**72.4**	**12,200***	**100.0**	**79.3**	**9,200***
80.0	70.0	49,000*	80.0	73.4	38,700*	90.0	70.0	38,400*	90.0	74.7	28,800*	100.0	70.0	22,100*	100.0	75.8	16,800*	110.0	70.0	11,500*	110.0	76.8	9,000*
85.0	**68.5**	**47,700***	**85.0**	**71.8**	**37,500***	**95.0**	**68.6**	**37,600***	**95.0**	**73.2**	**28,300***	**110.0**	**67.4**	**21,000***	**110.0**	**73.1**	**16,300***	**120.0**	**67.6**	**10,900***	**120.0**	**74.3**	**8,700***
90.0	66.9	46,500*	90.0	70.2	36,500*	100.0	67.2	36,700*	100.0	71.8	27,700*	120.0	64.7	20,000*	120.0	70.4	15,800*	130.0	65.1	10,400*	130.0	71.7	8,400*
95.0	**65.3**	**45,400***	**95.0**	**68.6**	**35,600***	**110.0**	**64.3**	**35,000***	**110.0**	**68.8**	**26,200***	**130.0**	**62.0**	**19,200***	**130.0**	**67.5**	**15,200***	**140.0**	**62.6**	**10,000***	**140.0**	**69.1**	**8,300***
100.0	63.7	44,400	100.0	66.9	34,700*	120.0	61.3	33,200*	120.0	65.7	24,900*	140.0	59.1	18,500*	140.0	64.6	14,900*	150.0	60.0	9,500*	150.0	66.4	7,900*
110.0	**60.4**	**42,400**	**110.0**	**63.6**	**33,100***	**130.0**	**58.2**	**30,900***	**130.0**	**62.5**	**23,900***	**150.0**	**56.2**	**17,600***	**150.0**	**61.5**	**14,500***	**160.0**	**57.3**	**9,100***	**160.0**	**63.6**	**7,800***
120.0	57.0	40,300	120.0	60.1	31,700*	140.0	55.0	28,900*	140.0	59.2	22,900*	160.0	53.2	17,100*	160.0	58.3	14,200*	170.0	54.5	8,800*	170.0	60.7	7,500*
130.0	**53.5**	**37,200**	**130.0**	**56.4**	**30,500***	**150.0**	**51.6**	**27,200***	**150.0**	**55.7**	**22,100***	**170.0**	**50.0**	**16,500***	**170.0**	**55.0**	**13,900***	**180.0**	**51.6**	**8,500***	**180.0**	**57.6**	**7,400***
140.0	49.8	33,300	140.0	52.6	29,500*	160.0	48.1	25,600*	160.0	52.0	21,400*	180.0	46.6	15,900*	180.0	51.4	13,600*	190.0	46.6	8,100*	190.0	54.4	7,200*
150.0	**45.8**	**29,800**	**150.0**	**48.4**	**28,700**	**170.0**	**44.3**	**24,300**	**170.0**	**48.0**	**20,700***	**190.0**	**43.1**	**15,400***	**190.0**	**47.6**	**13,400***	**200.0**	**45.3**	**8,000***	**200.0**	**51.0**	**7,200***
160.0	41.5	26,800	160.0	44.0	27,400	180.0	40.3	22,900	180.0	43.7	20,100*	200.0	39.2	15,100*	200.0	43.4	13,400*	210.0	41.9	7,700*	210.0	47.3	7,000*
170.0	**36.8**	**24,300**	**170.0**	**39.0**	**24,800**	**190.0**	**35.8**	**20,900**	**190.0**	**38.9**	**19,800***	**210.0**	**34.9**	**14,700***	**210.0**	**38.8**	**13,400***	**220.0**	**38.2**	**7,500***	**220.0**	**43.2**	**6,900***
180.0	31.4	22,100	180.0	33.2	22,300	200.0	30.7	19,100	200.0	33.2	19,300*	220.0	30.1	14,300*	220.0	33.1	13,400*	230.6	34.1	7,400*	230.0	38.6	6,600
182.4	**30.0**	**21,600**	**185.0**	**30.0**	**21,300**	**201.4**	**30.0**	**18,900**	**205.0**	**30.0**	**18,700***	**220.1**	**30.0**	**14,300***	**225.0**	**30.0**	**13,400***	**238.8**	**30.0**	**6,800***	**240.0**	**33.1**	**6,200**
																					244.7	30.0	5,900
Reeves		**2**	**Reeves**		**2**	**Reeves**		**2**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**

Note: Designed and rated to comply with ANSI Code B30.5

Capacities based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.

Refer to notes P12 and P13

LIFTING CAPACITY

Fixed Jib Lifting Capacity (Without Main Hook)

Unit: lbs

Counterweight: 199,300 lbs, Carbody weight: 60,500 lbs

170' Boom

40 ft Jib						60 ft Jib						80 ft Jib						100 ft Jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
48.2	80.0	58,400*				55.1	80.0	46,700*				61.7	80.0	26,600*				68.6	80.0	14,900*			
50.0	**79.5**	**57,800***				**60.0**	**78.7**	**45,300***				**65.0**	**79.3**	**26,300***				**70.0**	**79.7**	**14,800***			
55.0	78.1	56,400*				65.0	77.4	44,000*				70.0	78.1	25,600*				75.0	78.6	14,200*			
60.0	**76.7**	**55,100***	**60.0**	**80.0**	**42,300***	**70.0**	**76.2**	**42,900***	**73.1**	**80.0**	**29,700***	**75.0**	**76.9**	**24,900***				**80.0**	**77.5**	**13,800***			
65.0	75.3	53,900*	65.0	78.6	41,700*	75.0	74.9	41,800*	75.0	79.5	29,700*	80.0	75.7	24,300*				85.0	76.4	13,400*			
70.0	**73.9**	**52,400***	**70.0**	**77.2**	**41,000***	**80.0**	**73.6**	**40,700***	**80.0**	**78.1**	**29,600***	**85.0**	**74.5**	**23,800***	**85.9**	**80.0**	**17,800***	**90.0**	**75.3**	**13,100***			
75.0	72.4	51,100*	75.0	75.7	40,300*	85.0	72.2	39,900*	85.0	76.8	29,300*	90.0	73.3	23,300*	90.0	79.0	17,500*	95.0	74.2	12,700*	98.7	80.0	9,200*
80.0	**71.0**	**49,900***	**80.0**	**74.2**	**39,300***	**90.0**	**70.9**	**38,900***	**90.0**	**75.4**	**29,000***	**95.0**	**72.1**	**22,800***	**95.0**	**77.7**	**17,300***	**100.0**	**73.1**	**12,400***	**100.0**	**79.7**	**9,200***
85.0	69.5	48,700*	85.0	72.7	38,200*	95.0	69.6	38,000*	95.0	74.0	28,600*	100.0	70.8	22,300*	100.0	76.5	17,000*	110.0	70.8	11,700*	110.0	77.4	9,200*
90.0	**68.1**	**47,700***	**90.0**	**71.2**	**37,100***	**100.0**	**68.2**	**37,200***	**100.0**	**72.7**	**28,100***	**110.0**	**68.4**	**21,300***	**110.0**	**73.9**	**16,400***	**120.0**	**68.5**	**11,100***	**120.0**	**75.0**	**8,900***
95.0	66.6	46,700*	95.0	69.7	36,200*	110.0	65.5	35,700*	110.0	69.8	26,600*	120.0	65.8	20,300*	120.0	71.3	15,900*	130.0	66.1	10,600*	130.0	72.5	8,600*
100.0	**65.1**	**45,700**	**100.0**	**68.2**	**35,400***	**120.0**	**62.7**	**34,200***	**120.0**	**66.9**	**25,500***	**130.0**	**63.2**	**19,500***	**130.0**	**68.6**	**15,400***	**140.0**	**63.7**	**10,200***	**140.0**	**70.0**	**8,300***
110.0	62.0	43,700	110.0	65.0	33,700*	130.0	59.8	32,000*	130.0	63.9	24,300*	140.0	60.5	18,800*	140.0	65.8	15,100*	150.0	61.2	9,700*	150.0	67.4	8,100*
120.0	**58.8**	**41,300**	**120.0**	**61.6**	**32,300***	**140.0**	**56.8**	**29,900***	**140.0**	**60.8**	**23,300***	**150.0**	**57.8**	**18,100***	**150.0**	**62.9**	**14,800***	**160.0**	**58.7**	**9,300***	**160.0**	**64.8**	**7,800***
130.0	55.5	36,600	130.0	58.4	31,200*	150.0	53.6	28,100*	150.0	57.6	22,500*	160.0	54.9	17,400*	160.0	60.0	14,400*	170.0	56.1	9,000*	170.0	62.0	7,700*
140.0	**52.1**	**32,500**	**140.0**	**54.8**	**30,000***	**160.0**	**50.4**	**26,500**	**160.0**	**54.2**	**21,700***	**170.0**	**52.0**	**16,700***	**170.0**	**56.9**	**14,100***	**180.0**	**53.3**	**8,700***	**180.0**	**59.2**	**7,400***
150.0	48.4	29,100	150.0	51.1	29,100	170.0	46.9	24,600	170.0	50.6	20,900*	180.0	48.9	16,300*	180.0	53.6	13,700*	190.0	50.5	8,300*	190.0	56.2	7,400*
160.0	**44.6**	**25,200**	**160.0**	**47.1**	**26,800**	**180.0**	**43.3**	**22,300**	**180.0**	**46.7**	**20,500***	**190.0**	**45.6**	**15,800***	**190.0**	**50.1**	**13,600***	**200.0**	**47.5**	**8,100***	**200.0**	**53.0**	**7,200***
170.0	40.4	23,700	170.0	42.7	24,100	190.0	39.3	20,300	190.0	42.5	20,000*	200.0	42.1	15,400*	200.0	46.4	13,400*	210.0	44.4	7,900*	210.0	49.7	7,200*
180.0	**35.8**	**21,400**	**180.0**	**37.8**	**21,800**	**200.0**	**34.9**	**18,400**	**200.0**	**37.7**	**19,200***	**210.0**	**38.3**	**14,900***	**210.0**	**42.3**	**13,200***	**220.0**	**41.0**	**7,700***	**220.0**	**46.1**	**7,000***
190.0	30.6	19,400	190.0	32.3	19,600	209.9	30.0	16,900	210.0	32.3	17,400	220.0	34.1	14,600*	220.0	37.6	13,200*	230.0	37.4	7,400*	230.0	42.1	7,000
191.2	**30.0**	**19,100**	**193.5**	**30.0**	**18,900**				**213.5**	**30.0**	**16,700**	**228.5**	**30.0**	**14,300***	**230.0**	**32.2**	**13,200***	**240.0**	**33.4**	**7,200***	**240.0**	**37.6**	**6,700**
															233.5	30.0	13,200*	247.3	30.0	6,600*	250.0	32.2	6,100
																					253.6	**30.0**	**5,900**
Reeves		**2**	**Reeves**		**2**	**Reeves**		**2**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**

180' Boom

40 ft Jib						60 ft Jib						80 ft Jib						100 ft Jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
49.9	80.0	58,200*				56.8	80.0	46,500*				63.6	80.0	26,600*				70.5	80.0	14,900*			
50.0	**79.9**	**58,100***				**60.0**	**79.2**	**45,800***				**65.0**	**79.7**	**26,500***				**75.0**	**79.0**	**14,400***			
55.0	78.6	57,000*				65.0	78.0	44,600*				70.0	78.5	25,800*				80.0	78.0	14,000*			
60.0	**77.3**	**55,700***	**62.0**	**80.0**	**42,300***	**70.0**	**76.7**	**43,500***	**74.8**	**80.0**	**29,700***	**75.0**	**77.4**	**25,200***				**85.0**	**76.9**	**13,600***			
65.0	76.0	54,500*	65.0	79.2	41,900*	75.0	75.5	42,400*	75.0	79.9	29,700*	80.0	76.3	24,700*				90.0	75.8	13,300*			
70.0	**74.6**	**53,200***	**70.0**	**77.8**	**41,200***	**80.0**	**74.2**	**41,400***	**80.0**	**78.7**	**29,700***	**85.0**	**75.1**	**24,000***	**87.5**	**80.0**	**17,800***	**95.0**	**74.8**	**13,000***			
75.0	73.3	52,000*	75.0	76.4	40,600*	85.0	73.0	40,400*	85.0	77.4	29,500*	90.0	74.0	23,500*	90.0	79.4	17,700*	100.0	73.7	12,600*	100.3	80.0	9,400*
80.0	**71.9**	**50,800***	**80.0**	**75.0**	**39,800***	**90.0**	**71.7**	**39,500***	**90.0**	**76.1**	**29,200***	**95.0**	**72.8**	**23,000***	**95.0**	**78.2**	**17,400***	**110.0**	**71.5**	**12,000***	**110.0**	**77.9**	**9,300***
85.0	70.5	49,600*	85.0	73.6	38,900*	95.0	70.5	38,700*	95.0	74.8	28,700*	100.0	71.6	22,600*	100.0	77.0	17,000*	120.0	69.3	11,400*	120.0	75.6	8,900*
90.0	**69.1**	**48,600***	**90.0**	**72.2**	**37,800***	**100.0**	**69.2**	**37,800***	**100.0**	**73.4**	**28,200***	**110.0**	**69.2**	**21,700***	**110.0**	**74.5**	**15,500***	**130.0**	**67.0**	**10,800***	**130.0**	**73.2**	**8,600***
95.0	67.7	47,600*	95.0	70.7	36,800*	110.0	66.6	36,300*	110.0	70.8	27,100*	120.0	66.8	20,700*	120.0	72.1	16,000*	140.0	64.7	10,400*	140.0	70.8	8,300*
100.0	**66.3**	**46,600**	**100.0**	**69.3**	**35,800***	**120.0**	**63.9**	**35,000***	**120.0**	**68.0**	**25,800***	**130.0**	**64.4**	**19,900***	**130.0**	**69.5**	**15,600***	**150.0**	**62.4**	**9,900***	**150.0**	**68.4**	**8,100***
110.0	63.4	44,600	110.0	66.3	34,300*	130.0	61.2	33,100*	130.0	65.2	24,800*	140.0	61.8	19,200*	140.0	66.9	15,100*	160.0	60.0	9,600*	160.0	65.9	8,000*
120.0	**60.4**	**40,700**	**120.0**	**63.2**	**33,000***	**140.0**	**58.3**	**30,900**	**140.0**	**62.3**	**23,800***	**150.0**	**59.2**	**18,300***	**150.0**	**64.2**	**14,600***	**170.0**	**57.5**	**9,200***	**170.0**	**63.3**	**7,700***
130.0	57.3	36,000	130.0	60.1	31,600*	150.0	55.4	29,000	150.0	59.2	22,900*	160.0	56.5	17,900*	160.0	61.4	14,400*	180.0	54.9	8,900*	180.0	60.8	7,600*
140.0	**54.1**	**32,000**	**140.0**	**56.8**	**30,600**	**160.0**	**52.4**	**26,500**	**160.0**	**56.1**	**22,000***	**170.0**	**53.8**	**17,200***	**170.0**	**58.5**	**14,100***	**190.0**	**52.3**	**8,600***	**190.0**	**57.8**	**7,400***
150.0	50.8	28,500	150.0	53.3	29,200	170.0	49.2	23,900	170.0	52.8	21,400*	180.0	50.9	16,600*	180.0	55.5	14,000*	200.0	49.5	8,200*	200.0	54.9	7,200*
160.0	**47.2**	**25,600**	**160.0**	**49.7**	**26,200**	**180.0**	**45.8**	**21,600**	**180.0**	**49.3**	**20,800***	**190.0**	**47.8**	**16,100***	**190.0**	**52.3**	**13,600***	**210.0**	**45.6**	**8,100***	**210.0**	**51.8**	**7,200***
170.0	43.5	23,000	170.0	45.8	23,500	190.0	42.3	19,600	190.0	45.5	20,300*	200.0	44.6	15,700*	200.0	48.9	13,500*	220.0	43.5	7,800*	220.0	48.5	7,000*
180.0	**39.4**	**20,800**	**180.0**	**41.5**	**21,100**	**200.0**	**38.4**	**17,700**	**200.0**	**41.3**	**18,600***	**210.0**	**41.2**	**15,200***	**210.0**	**45.2**	**13,400***	**230.0**	**40.2**	**7,700***	**230.0**	**45.0**	**7,000***
190.0	35.0	18,700	190.0	36.8	19,000	210.0	34.1	16,300	210.0	36.8	16,900	220.0	37.5	14,800*	220.0	41.2	13,200*	240.0	36.6	7,400*	240.0	41.0	6,900*
199.8	**30.0**	**17,100**	**200.0**	**31.3**	**17,100**	**218.5**	**30.0**	**14,900**	**220.0**	**31.3**	**15,300**	**230.0**	**33.4**	**14,200***	**230.0**	**36.7**	**13,200***	**250.0**	**32.7**	**7,200***	**250.0**	**36.6**	**6,500**
			202.0	30.0	16,700				222.1	30.0	14,900	237.5	30.0	13,400*	240.0	31.3	13,200	256.2	30.0	7,000*	260.0	31.3	6,200
															242.1	**30.0**	**13,200**				**252.1**	**30.0**	**6,100**
Reeves		**2**	**Reeves**		**2**	**Reeves**		**2**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**

Note: Designed and rated to comply with ANSI Code B30.5

Capacities based on factors other than machine stability such as structural competence are shown by asterisk * in the charts. Refer to notes P12 and P13

Fixed Jib Lifting Capacity (Without Main Hook)

Unit: lbs

Counterweight: 199,300 lbs, Carbody weight: 60,500 lbs

190' Boom

40 ft Jib						60 ft Jib						80 ft Jib						100 ft Jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
51.5	80.0	58,400*				58.4	80.0	46,500*				65.3	80.0	26,600*				72.2	80.0	14,700*			
55.0	**79.1**	**57,500***				**60.0**	**79.6**	**46,200***				**70.0**	**79.0**	**25,000***				**75.0**	**79.4**	**14,500***			
60.0	77.9	56,200*	63.6	80.0	42,300*	65.0	78.5	45,100*				75.0	77.9	25,500*				80.0	78.4	14,200*			
65.0	**76.6**	**55,000***	**65.0**	**79.6**	**42,100***	**70.0**	**77.3**	**43,900***				**80.0**	**76.8**	**24,900***				**85.0**	**77.4**	**13,600***			
70.0	75.3	53,700*	70.0	78.3	41,500*	75.0	76.1	42,800*	76.4	80.0	29,700*	85.0	75.7	24,200*	89.2	80.0	17,800*	90.0	76.4	13,300*			
75.0	**74.0**	**52,400***	**75.0**	**77.0**	**40,900***	**80.0**	**74.9**	**41,800***	**80.0**	**79.1**	**29,700***	**90.0**	**74.6**	**23,700***	**90.0**	**79.9**	**17,700***	**95.0**	**75.3**	**13,000***			
80.0	72.7	51,300*	80.0	75.7	40,300*	85.0	73.7	40,800*	85.0	77.9	29,700*	95.0	73.5	23,300*	95.0	78.7	17,500*	100.0	74.3	12,600*	102.3	80.0	9,400*
85.0	**71.4**	**50,300***	**85.0**	**74.3**	**39,300***	**90.0**	**72.5**	**39,500***	**90.0**	**76.7**	**29,400***	**100.0**	**72.3**	**22,900***	**100.0**	**77.5**	**17,300***	**110.0**	**72.2**	**12,100***	**110.0**	**78.3**	**9,300***
90.0	70.1	49,300*	90.0	73.0	38,200*	95.0	71.3	39,100*	95.0	75.4	29,000*	110.0	70.1	21,900*	110.0	75.2	16,600*	120.0	70.1	11,500*	120.0	76.1	8,900*
95.0	**68.7**	**48,300***	**95.0**	**71.6**	**37,300***	**100.0**	**70.1**	**38,300***	**100.0**	**74.2**	**28,500***	**120.0**	**67.7**	**21,000***	**120.0**	**72.8**	**16,200***	**130.0**	**67.9**	**11,000***	**130.0**	**73.9**	**8,600***
100.0	67.4	47,300	100.0	70.3	36,500*	110.0	67.6	36,800*	110.0	71.6	27,500*	130.0	65.4	20,100*	130.0	70.4	15,700*	140.0	65.7	10,500*	140.0	71.6	8,500*
110.0	**64.6**	**45,100**	**110.0**	**67.4**	**34,800***	**120.0**	**65.0**	**35,400***	**120.0**	**69.0**	**26,200***	**140.0**	**63.0**	**19,400***	**140.0**	**67.9**	**15,300***	**150.0**	**63.4**	**10,100***	**150.0**	**69.3**	**8,100***
120.0	61.8	40,000	120.0	64.6	33,400*	130.0	62.4	34,100*	130.0	66.3	25,200*	150.0	60.5	18,800*	150.0	65.3	15,000*	160.0	61.1	9,600*	160.0	66.9	8,000*
130.0	**58.9**	**35,300**	**130.0**	**61.5**	**32,100***	**140.0**	**59.8**	**31,800**	**140.0**	**63.5**	**24,200***	**160.0**	**58.0**	**18,100***	**160.0**	**62.7**	**14,600***	**170.0**	**58.8**	**9,400***	**170.0**	**64.4**	**7,700***
140.0	55.9	31,300	140.0	58.5	31,000	150.0	57.0	28,900	150.0	60.7	23,200*	170.0	55.3	17,400*	170.0	60.0	14,300*	180.0	56.4	8,900*	180.0	61.9	7,700*
150.0	**52.8**	**27,800**	**150.0**	**55.3**	**28,700**	**160.0**	**54.2**	**25,900**	**160.0**	**57.8**	**22,500***	**180.0**	**52.6**	**17,000***	**180.0**	**57.1**	**14,000***	**190.0**	**53.8**	**8,600***	**190.0**	**59.3**	**7,500***
160.0	49.5	24,800	160.0	52.0	25,600	170.0	51.2	23,200	170.0	54.7	21,800*	190.0	49.8	16,500*	190.0	54.2	13,800*	200.0	51.2	8,400*	200.0	56.5	7,300*
170.0	**46.1**	**22,400**	**170.0**	**48.4**	**22,800**	**180.0**	**48.1**	**21,000**	**180.0**	**51.5**	**21,100***	**200.0**	**46.8**	**15,900***	**200.0**	**51.0**	**13,600***	**210.0**	**48.5**	**8,100***	**210.0**	**53.7**	**7,200***
180.0	42.4	20,100	180.0	44.6	20,500	190.0	44.8	19,000	190.0	48.0	20,100*	210.0	43.7	15,600*	210.0	47.7	13,400*	220.0	45.7	8,000*	220.0	50.6	7,200*
190.0	**38.5**	**18,100**	**190.0**	**40.5**	**18,300**	**200.0**	**41.3**	**17,100**	**200.0**	**44.3**	**18,100**	**220.0**	**40.3**	**14,900***	**220.0**	**44.1**	**13,300***	**230.0**	**42.7**	**7,700***	**230.0**	**47.4**	**7,000***
200.0	34.1	16,200	200.0	35.8	16,400	210.0	37.6	15,400	210.0	40.3	16,300	230.0	36.7	13,600	230.0	40.2	13,200*	240.0	39.4	7,500*	240.0	43.9	6,900*
208.3	**30.0**	**14,900**	**210.0**	**30.5**	**14,700**	**220.0**	**33.4**	**14,000**	**220.0**	**35.8**	**14,600**	**240.0**	**32.7**	**12,400**	**240.0**	**35.7**	**12,800***	**250.0**	**35.9**	**7,400***	**250.0**	**40.1**	**6,500**
			210.9	30.0	14,700	227.3	30.0	13,000	230.0	30.5	13,100	246.0	30.0	11,600	250.0	30.5	11,500	260.0	32.0	7,100*	260.0	35.7	6,300
									230.9	**30.0**	**13,000**				**250.9**	**30.0**	**11,400**	**264.7**	**30.0**	**6,800***	**270.0**	**30.5**	**6,000**
																					270.9	30.0	5,900
Reeves		**2**	**Reeves**		**2**	**Reeves**		**2**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**

200' Boom

40 ft Jib						60 ft Jib						80 ft Jib						100 ft Jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
53.5	80.0	58,400*				60.0	80.0	46,500*				66.9	80.0	26,600*				73.8	80.0	14,700*			
55.0	**79.6**	**58,000***				**65.0**	**78.9**	**45,500***				**70.0**	**79.4**	**26,200***				**75.0**	**79.8**	**14,600***			
60.0	78.4	56,600*				70.0	77.6	44,300*				75.0	78.3	25,700*				80.0	78.8	14,200*			
65.0	**77.2**	**55,400***	**65.2**	**80.0**	**42,300***	**75.0**	**76.7**	**43,300***	**78.0**	**80.0**	**29,700***	**80.0**	**77.3**	**25,100***				**85.0**	**77.8**	**13,900***			
70.0	75.9	54,400*	70.0	76.8	41,700*	80.0	75.5	42,300*	80.0	79.6	29,700*	85.0	76.2	24,500*				90.0	76.8	13,500*			
75.0	**74.7**	**53,200***	**75.0**	**77.6**	**41,100***	**85.0**	**74.4**	**41,400***	**85.0**	**78.4**	**29,700***	**90.0**	**75.1**	**24,100***	**91.2**	**80.0**	**17,800***	**95.0**	**75.8**	**13,200***			
80.0	73.5	51,900*	80.0	76.3	40,600*	90.0	73.2	40,400*	90.0	77.2	29,400*	95.0	74.1	23,700*	95.0	79.1	17,600*	100.0	74.8	12,900*	104.0	80.0	9,400*
85.0	**72.2**	**50,900***	**85.0**	**75.0**	**39,900***	**95.0**	**72.0**	**39,500***	**95.0**	**76.0**	**29,100***	**100.0**	**73.0**	**23,200***	**100.0**	**78.0**	**17,300***	**110.0**	**72.8**	**12,200***	**110.0**	**78.7**	**9,300***
90.0	70.9	49,900*	90.0	73.8	38,900*	100.0	70.9	38,800*	100.0	74.8	28,700*	110.0	70.6	22,200*	110.0	75.8	16,800*	120.0	70.8	11,700*	120.0	76.6	8,900*
95.0	**69.7**	**48,900***	**95.0**	**72.5**	**37,900***	**110.0**	**68.5**	**37,200***	**110.0**	**72.4**	**27,900***	**120.0**	**68.6**	**21,400***	**120.0**	**73.5**	**16,200***	**130.0**	**68.7**	**11,200***	**130.0**	**74.5**	**8,800***
100.0	68.4	47,900	100.0	71.1	36,900*	120.0	66.1	35,900*	120.0	69.9	26,700*	130.0	66.3	20,500*	130.0	71.2	15,900*	140.0	66.6	10,700*	140.0	72.3	8,500*
110.0	**65.8**	**44,900**	**110.0**	**68.5**	**35,400***	**130.0**	**63.6**	**34,700***	**130.0**	**67.4**	**25,500***	**140.0**	**64.0**	**19,800***	**140.0**	**68.8**	**15,500***	**150.0**	**64.4**	**10,300***	**150.0**	**70.1**	**8,300***
120.0	63.1	39,600	120.0	65.8	33,900*	140.0	61.1	31,800	140.0	64.8	24,500*	150.0	61.7	19,000*	150.0	66.4	15,000*	160.0	62.2	9,800*	160.0	67.8	8,000*
130.0	**60.4**	**34,900**	**130.0**	**63.0**	**32,700***	**150.0**	**58.5**	**28,500**	**150.0**	**62.1**	**23,600***	**160.0**	**59.3**	**18,400***	**160.0**	**63.9**	**14,600***	**170.0**	**60.0**	**9,400***	**170.0**	**65.4**	**7,900***
140.0	57.5	30,900	140.0	60.1	31,200	160.0	55.8	25,500	160.0	59.3	22,800*	170.0	56.8	17,800*	170.0	61.3	14,500*	180.0	57.7	9,100*	180.0	63.0	7,700*
150.0	**54.6**	**27,400**	**150.0**	**57.1**	**28,300**	**170.0**	**53.0**	**22,800**	**170.0**	**56.4**	**22,000***	**180.0**	**54.2**	**17,300***	**180.0**	**58.6**	**14,200***	**190.0**	**55.3**	**8,800***	**190.0**	**60.6**	**7,500***
160.0	51.6	24,400	160.0	54.0	25,300	180.0	50.1	20,500	180.0	53.4	21,400*	190.0	51.6	16,700*	190.0	55.8	13,800*	200.0	52.8	8,500*	200.0	58.0	7,300*
170.0	**48.4**	**21,900**	**170.0**	**50.7**	**22,600**	**190.0**	**47.1**	**18,500**	**190.0**	**50.3**	**19,600***	**200.0**	**48.8**	**16,300***	**200.0**	**52.9**	**13,700***	**210.0**	**50.3**	**8,300***	**210.0**	**55.3**	**7,200***
180.0	45.1	19,700	180.0	47.2	20,200	200.0	43.9	16,600	200.0	46.9	17,700*	210.0	45.9	15,900*	210.0	49.9	13,600*	220.0	47.6	8,000*	220.0	52.5	7,200*
190.0	**41.5**	**17,600**	**190.0**	**43.5**	**18,100**	**210.0**	**40.5**	**14,900**	**210.0**	**43.3**	**16,000**	**220.0**	**42.8**	**14,700***	**220.0**	**46.6**	**13,400***	**230.0**	**44.8**	**7,900***	**230.0**	**49.5**	**7,000***
200.0	37.6	15,700	200.0	39.4	16,200	220.0	36.7	13,600	220.0	39.3	14,400	230.0	39.5	13,100	230.0	43.1	13,200*	240.0	41.8	7,700*	240.0	46.3	7,000*
210.0	**33.4**	**14,300**	**210.0**	**35.0**	**14,500**	**230.0**	**32.7**	**12,200**	**230.0**	**34.9**	**12,900**	**240.0**	**36.0**	**12,000**	**240.0**	**39.2**	**12,400**	**250.0**	**38.7**	**7,400***	**250.0**	**42.9**	**7,000***
217.1	30.0	13,200	219.4	30.0	12,000	235.8	30.0	11,400	239.5	30.0	11,600	250.0	32.0	10,900	250.0	34.9	11,100	260.0	35.2	7,300*	260.0	39.1	6,600
												254.5	**30.0**	**10,300**	**259.5**	**30.0**	**10,100**	**270.0**	**31.4**	**7,100***	**270.0**	**34.8**	**6,300**
																		273.6	30.0	6,600*	279.5	30.0	5,900
Reeves		**2**	**Reeves**		**2**	**Reeves**		**2**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**

Note: Designed and rated to comply with ANSI Code B30.5

Capacities based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.

Refer to notes P12 and P13.

LIFTING CAPACITY

Fixed Jib Lifting Capacity (Without Main Hook)

Unit: lbs

Counterweight: 199,300 lbs, Carbody weight: 60,500 lbs

210' Boom

40 ft Jib						60 ft Jib						80 ft Jib						100 ft Jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
55.1	80.0	58,400*				62.0	80.0	46,500*				68.9	80.0	26,600*				75.5	80.0	14,700*			
60.0	**78.9**	**57,000***				**65.0**	**79.3**	**45,700***				**70.0**	**79.8**	**26,500***				**80.0**	**79.2**	**14,400***			
65.0	77.7	55,900*	67.2	80.0	42,300*	70.0	78.3	44,700*				75.0	78.7	25,900*				85.0	78.2	14,100*			
70.0	**76.5**	**54,800***	**70.0**	**79.3**	**41,900***	**75.0**	**77.2**	**43,700***				**80.0**	**77.7**	**25,400***				**90.0**	**77.3**	**13,700***			
75.0	75.3	53,600*	75.0	78.1	41,300*	80.0	76.1	42,700*	80.0	80.0	29,700*	85.0	76.7	24,900*				95.0	76.3	13,400*			
80.0	**74.1**	**52,800***	**80.0**	**76.9**	**40,800***	**85.0**	**75.0**	**41,900***	**85.0**	**78.9**	**29,700***	**90.0**	**75.7**	**24,400***	**92.8**	**80.0**	**17,800***	**100.0**	**75.3**	**13,100***	**105.6**	**80.0**	**9,400***
85.0	72.9	51,800*	85.0	75.7	40,300*	90.0	73.9	40,900*	90.0	77.7	29,600*	95.0	74.6	23,900*	95.0	79.5	17,600*	110.0	73.4	12,400*	110.0	79.1	9,300*
90.0	**71.7**	**51,000***	**90.0**	**74.4**	**39,300***	**95.0**	**72.7**	**40,100***	**95.0**	**76.6**	**29,300***	**100.0**	**73.6**	**23,400***	**100.0**	**78.5**	**17,300***	**120.0**	**71.4**	**11,800***	**120.0**	**77.1**	**9,100***
95.0	70.5	50,000	95.0	73.2	38,400*	100.0	71.6	39,400*	100.0	75.4	28,900*	110.0	71.5	22,500*	110.0	76.3	16,800*	130.0	69.4	11,300*	130.0	75.0	6,800*
100.0	**69.3**	**49,000**	**100.0**	**72.0**	**37,600***	**110.0**	**69.3**	**37,900***	**110.0**	**73.1**	**28,300***	**120.0**	**69.4**	**21,600***	**120.0**	**74.1**	**16,400***	**140.0**	**67.4**	**10,900***	**140.0**	**72.9**	**8,500***
110.0	66.8	44,600	110.0	69.4	35,900*	120.0	67.0	36,500*	120.0	70.7	27,000*	130.0	67.2	20,800*	130.0	71.9	15,900*	150.0	65.3	10,400*	150.0	70.8	8,400*
120.0	**64.3**	**38,900**	**120.0**	**66.8**	**34,500***	**130.0**	**64.7**	**34,800***	**130.0**	**68.3**	**25,900***	**140.0**	**65.0**	**20,100***	**140.0**	**69.6**	**15,500***	**160.0**	**63.2**	**10,000***	**160.0**	**68.6**	**8,100***
130.0	61.7	34,200	130.0	64.2	33,200	140.0	62.3	31,200	140.0	65.6	24,900*	150.0	62.6	19,400*	150.0	67.3	15,200*	170.0	61.1	9,700*	170.0	66.4	7,900*
140.0	**59.0**	**30,200**	**140.0**	**61.5**	**31,300**	**150.0**	**59.8**	**27,800**	**150.0**	**63.3**	**24,000***	**160.0**	**60.5**	**18,700***	**160.0**	**64.9**	**14,900***	**180.0**	**58.9**	**9,300***	**180.0**	**64.1**	**7,800***
150.0	56.3	26,700	150.0	58.6	27,600	160.0	57.3	24,800	160.0	60.7	23,100*	170.0	58.1	18,100*	170.0	62.5	14,500*	190.0	56.6	9,000*	190.0	61.7	7,500*
160.0	**53.4**	**23,700**	**160.0**	**55.7**	**24,600**	**170.0**	**54.6**	**22,100**	**170.0**	**58.0**	**22,500***	**180.0**	**55.7**	**17,500***	**180.0**	**60.0**	**14,300***	**200.0**	**54.3**	**8,700***	**200.0**	**59.3**	**7,400***
170.0	50.5	21,300	170.0	52.7	21,900	180.0	51.9	19,900	180.0	55.2	21,300*	190.0	53.2	16,900*	190.0	57.4	14,100*	210.0	51.9	8,500*	210.0	56.8	7,400*
180.0	**47.4**	**18,900**	**180.0**	**49.5**	**19,600**	**190.0**	**49.1**	**17,900**	**190.0**	**52.2**	**19,200***	**200.0**	**50.6**	**16,600***	**200.0**	**54.6**	**13,800***	**220.0**	**49.4**	**8,200***	**220.0**	**54.1**	**7,200***
190.0	44.1	17,000	190.0	46.1	17,400	200.0	46.1	16,000	200.0	49.1	17,200	210.0	47.9	15,400*	210.0	51.8	13,600*	230.0	46.7	7,900*	230.0	51.4	7,200*
200.0	**40.6**	**15,100**	**200.0**	**42.5**	**15,500**	**210.0**	**43.0**	**14,300**	**210.0**	**45.8**	**15,400**	**220.0**	**45.0**	**14,000**	**220.0**	**46.8**	**13,400***	**240.0**	**44.0**	**7,800***	**240.0**	**48.5**	**7,000***
210.0	36.8	13,400	210.0	38.5	13,800	220.0	39.6	12,900	220.0	42.3	13,700	230.0	42.0	12,500	230.0	45.6	13,400	250.0	41.1	7,600*	250.0	45.4	7,000*
220.0	**32.5**	**12,100**	**220.0**	**34.1**	**12,300**	**230.0**	**36.0**	**11,600**	**230.0**	**38.4**	**12,200**	**240.0**	**38.5**	**11,300**	**240.0**	**42.1**	**12,000**	**260.0**	**38.0**	**7,400***	**260.0**	**42.0**	**6,900***
225.7	30.0	11,200	225.3	30.0	11,200	240.0	32.0	10,400	240.0	34.1	10,900	250.0	35.3	10,200	250.0	38.3	10,700	270.0	34.6	7,400*	270.0	38.3	6,500
						244.7	**30.0**	**9,900**	**248.3**	**30.0**	**9,900**	**260.0**	**31.4**	**9,000**	**260.0**	**34.0**	**9,500**	**280.0**	**30.9**	**7,100***	**280.0**	**34.0**	**6,300**
												263.4	30.0	8,800	268.3	30.0	8,500	282.1	30.0	7,000*	288.0	30.0	6,100
Reeves		**2**	**Reeves**		**2**	**Reeves**		**2**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**

220' Boom

40 ft Jib						60 ft Jib						80 ft Jib						100 ft Jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
56.6	80.0	58,200*				63.6	80.0	46,500*				70.5	80.0	26,600*				77.4	80.0	14,700*			
60.0	**79.3**	**57,500***				**65.0**	**79.7**	**46,200***				**75.0**	**79.1**	**26,100***				**80.0**	**79.5**	**14,400***			
65.0	78.2	56,300*	68.6	80.0	42,100*	70.0	78.7	45,100*				80.0	78.1	25,600*				85.0	78.6	14,100*			
70.0	**77.0**	**55,300***	**70.0**	**79.7**	**42,000***	**75.0**	**77.6**	**44,100***				**85.0**	**77.2**	**24,900***				**90.0**	**77.7**	**13,700***			
75.0	75.9	54,300*	75.0	78.6	41,600*	80.0	76.6	43,200*	81.6	80.0	29,700*	90.0	76.2	24,500*	94.4	80.0	17,800*	95.0	76.7	13,400*			
80.0	**74.8**	**53,300***	**80.0**	**77.4**	**41,000***	**85.0**	**75.5**	**42,300***	**85.0**	**79.3**	**29,700***	**95.0**	**75.2**	**24,100***	**95.0**	**79.9**	**17,800***	**100.0**	**75.8**	**13,100***	**107.2**	**80.0**	**9,200***
85.0	73.6	52,500*	85.0	76.3	40,500*	90.0	74.4	41,300*	90.0	78.2	29,700*	100.0	74.2	23,600*	100.0	78.9	17,500*	110.0	73.9	12,600*	110.0	79.5	9,200*
90.0	**72.5**	**51,300***	**90.0**	**75.1**	**39,700***	**95.0**	**73.4**	**40,500***	**95.0**	**77.1**	**29,500***	**110.0**	**72.2**	**22,800***	**110.0**	**76.8**	**17,000***	**120.0**	**72.0**	**12,000***	**120.0**	**77.5**	**9,100***
95.0	71.3	50,100	95.0	73.9	38,900*	100.0	72.3	39,800*	100.0	76.0	29,100*	120.0	70.1	21,900*	120.0	74.7	16,400*	130.0	70.1	11,500*	130.0	75.6	8,800*
100.0	**70.1**	**48,800**	**100.0**	**72.7**	**38,000***	**110.0**	**70.1**	**38,300***	**110.0**	**73.8**	**28,400***	**130.0**	**68.0**	**21,000***	**130.0**	**72.6**	**16,100***	**140.0**	**68.1**	**11,000***	**140.0**	**73.5**	**8,500***
110.0	67.7	43,900	110.0	70.3	36,400*	120.0	67.9	37,000*	120.0	71.5	27,300*	140.0	65.9	20,300*	140.0	70.4	15,700*	150.0	66.2	10,600*	150.0	71.5	8,400*
120.0	**65.3**	**38,200**	**120.0**	**67.8**	**35,000***	**130.0**	**65.6**	**34,500***	**130.0**	**69.2**	**26,300***	**150.0**	**63.8**	**19,600***	**150.0**	**68.2**	**15,400***	**160.0**	**64.1**	**10,200***	**160.0**	**69.4**	**8,100***
130.0	62.9	33,600	130.0	65.3	33,600	140.0	63.3	30,700	140.0	66.8	25,300*	160.0	61.6	19,000*	160.0	65.9	15,100*	170.0	62.1	9,700*	170.0	67.3	7,900*
140.0	**60.3**	**29,600**	**140.0**	**62.7**	**30,700**	**150.0**	**61.0**	**27,200**	**150.0**	**64.4**	**24,300***	**170.0**	**59.3**	**18,300***	**170.0**	**63.6**	**14,700***	**180.0**	**60.0**	**9,400***	**180.0**	**65.1**	**7,800***
150.0	57.7	26,100	150.0	60.1	27,200	160.0	58.6	24,200	160.0	61.9	23,600*	180.0	57.0	17,900*	180.0	61.2	14,400*	190.0	57.8	9,200*	190.0	62.8	7,700*
160.0	**55.1**	**23,200**	**160.0**	**57.3**	**24,100**	**170.0**	**56.1**	**21,500**	**170.0**	**59.4**	**22,900***	**190.0**	**54.6**	**17,400***	**190.0**	**58.7**	**14,100***	**200.0**	**55.6**	**8,900***	**200.0**	**60.5**	**7,400***
170.0	52.3	20,600	170.0	54.5	21,300	180.0	53.5	19,200	180.0	56.7	20,900*	200.0	52.2	16,500*	200.0	56.2	14,000*	210.0	53.3	8,500*	210.0	58.1	7,400*
180.0	**49.4**	**18,300**	**180.0**	**51.5**	**19,000**	**190.0**	**50.9**	**17,200**	**190.0**	**54.0**	**18,500**	**210.0**	**49.6**	**14,900**	**210.0**	**53.5**	**13,600***	**220.0**	**50.9**	**8,300***	**220.0**	**55.6**	**7,200***
190.0	46.4	16,300	190.0	48.4	16,800	200.0	48.1	15,300	200.0	51.1	16,600	220.0	47.0	13,400	220.0	50.7	13,500*	230.0	48.5	8,100*	230.0	53.1	7,200*
200.0	**43.2**	**14,400**	**200.0**	**45.1**	**15,000**	**210.0**	**45.2**	**13,600**	**210.0**	**48.1**	**14,900**	**230.0**	**44.2**	**12,000**	**230.0**	**47.8**	**12,900**	**240.0**	**45.9**	**8,000***	**240.0**	**50.3**	**7,000***
210.0	39.8	13,000	210.0	41.5	13,200	220.0	42.1	12,300	220.0	44.8	13,300	240.0	41.2	10,700	240.0	44.6	11,600	250.0	43.2	7,700*	250.0	47.5	7,000*
220.0	**39.8**	**11,400**	**220.0**	**37.6**	**11,700**	**230.0**	**38.9**	**10,900**	**230.0**	**41.4**	**11,800**	**250.0**	**38.1**	**9,600**	**250.0**	**41.2**	**10,200**	**260.0**	**40.4**	**7,500***	**260.0**	**44.4**	**7,000***
230.0	32.0	10,100	230.0	33.3	10,300	240.0	35.3	9,700	240.0	37.6	10,500	260.0	34.6	8,600	260.0	37.5	9,000	270.0	37.3	7,400*	270.0	41.1	7,000*
234.5	**30.0**	**9,700**	**236.8**	**30.0**	**9,400**	**250.0**	**31.4**	**8,500**	**250.0**	**33.3**	**9,100**	**270.0**	**30.8**	**7,500**	**270.0**	**33.3**	**8,000**	**280.0**	**34.0**	**6,900***	**280.0**	**37.4**	**6,600**
						253.2	30.0	8,300	256.8	30.0	8,300	271.9	30.0	7,200	276.9	30.0	7,200	290.0	30.3	6,400*	290.0	33.3	6,300
																		290.6	**30.0**	**6,300***	**296.9**	**30.0**	**5,900**
Reeves		**2**	**Reeves**		**2**	**Reeves**		**2**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**

Note: Designed and rated to comply with ANSI Code B30.5

Capacities based on factors other than machine stability such as structural competence are shown by asterisk * in the charts. Refer to notes P12 and P13.

Fixed Jib Lifting Capacity (Without Main Hook)

Unit: lbs

Counterweight: 199,300 lbs, Carbody weight: 60,500 lbs

230' Boom

40 ft Jib						60 ft Jib						80 ft Jib						100 ft Jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
58.7	80.0	58,200*				65.3	80.0	46,500*				72.2	80.0	26,400*				79.1	80.0	14,700*			
60.0	**79.7**	**57,900***				**70.0**	**79.1**	**45,600***				**75.0**	**79.5**	**26,100***				**80.0**	**79.8**	**14,700***			
65.0	78.6	56,800*				75.0	78.1	44,600*				80.0	78.5	25,600*				85.0	78.9	14,300*			
70.0	**77.5**	**55,700***	**70.5**	**80.0**	**42,100***	**80.0**	**77.0**	**43,600***	**83.3**	**80.0**	**29,700***	**85.0**	**77.6**	**25,100***				**90.0**	**78.1**	**14,000***			
75.0	76.4	54,700*	75.0	79.0	41,800*	85.0	76.0	42,600*	85.0	79.7	29,700*	90.0	76.6	24,600*				95.0	77.2	13,600*			
80.0	**75.3**	**53,800***	**80.0**	**77.9**	**41,300***	**90.0**	**75.0**	**41,700***	**90.0**	**78.6**	**29,700***	**95.0**	**75.7**	**24,100***	**95.4**	**80.0**	**17,800***	**100.0**	**76.3**	**13,300***	**109.2**	**80.0**	**9,400***
85.0	74.2	52,900*	85.0	76.6	40,800*	95.0	74.0	41,000*	95.0	77.6	29,500*	100.0	74.7	23,700*	100.0	79.3	17,500*	110.0	74.4	12,800*	110.0	79.8	9,400*
90.0	**73.1**	**51,900***	**90.0**	**75.7**	**40,100***	**100.0**	**72.9**	**40,200***	**100.0**	**76.5**	**29,200***	**110.0**	**72.8**	**22,800***	**110.0**	**77.3**	**17,000***	**120.0**	**72.6**	**12,200***	**120.0**	**78.0**	**9,100***
95.0	72.0	51,100	95.0	74.5	39,300*	110.0	70.8	38,700*	110.0	74.4	28,500*	120.0	70.8	22,100*	120.0	75.2	16,600*	130.0	70.7	11,700*	130.0	76.0	8,800*
100.0	**70.9**	**49,500**	**100.0**	**73.4**	**38,500***	**120.0**	**68.7**	**37,300***	**120.0**	**72.2**	**27,800***	**130.0**	**68.8**	**21,200***	**130.0**	**73.2**	**16,100***	**140.0**	**68.9**	**11,100***	**140.0**	**74.1**	**8,700***
110.0	66.8	43,200	110.0	71.1	36,800*	130.0	66.5	34,000	130.0	70.0	26,600*	140.0	66.8	20,500*	140.0	71.1	15,700*	150.0	66.9	10,800*	150.0	72.1	8,400*
120.0	**66.3**	**37,600**	**120.0**	**68.7**	**35,400**	**140.0**	**64.3**	**30,000**	**140.0**	**67.7**	**25,500***	**150.0**	**64.7**	**19,900***	**150.0**	**69.0**	**15,400***	**160.0**	**65.0**	**10,400***	**160.0**	**70.1**	**8,200***
130.0	64.0	32,900	130.0	66.3	33,900	150.0	62.1	26,500	150.0	65.4	24,700*	160.0	62.6	19,200*	160.0	66.8	15,100*	170.0	63.0	9,900*	170.0	68.1	8,100*
140.0	**61.5**	**28,900**	**140.0**	**63.9**	**30,000**	**160.0**	**59.8**	**23,500**	**160.0**	**63.1**	**23,800***	**170.0**	**60.4**	**18,500***	**170.0**	**64.6**	**14,700***	**180.0**	**61.0**	**9,600***	**180.0**	**66.0**	**7,800***
150.0	59.1	25,400	150.0	61.3	26,500	170.0	57.4	20,800	170.0	60.6	22,500*	180.0	58.2	18,100*	180.0	62.3	14,500*	190.0	58.9	9,200*	190.0	63.8	7,700*
160.0	**56.5**	**22,400**	**160.0**	**58.6**	**23,400**	**180.0**	**55.0**	**18,600**	**180.0**	**58.1**	**20,200***	**190.0**	**56.0**	**17,600***	**190.0**	**60.0**	**14,300***	**200.0**	**56.8**	**9,100***	**200.0**	**61.6**	**7,600***
170.0	53.9	19,900	170.0	56.1	20,600	190.0	52.5	16,500	190.0	55.5	18,100	200.0	53.6	16,000*	200.0	57.5	14,000*	210.0	54.6	8,800*	210.0	59.4	7,400*
180.0	**51.2**	**17,600**	**180.0**	**53.3**	**18,200**	**200.0**	**49.9**	**14,600**	**200.0**	**52.8**	**16,100**	**210.0**	**51.2**	**14,300**	**210.0**	**55.0**	**13,800***	**220.0**	**52.4**	**8,400***	**220.0**	**57.0**	**7,300***
190.0	48.4	15,700	190.0	50.4	16,100	210.0	47.2	13,000	210.0	50.0	14,300	220.0	48.7	12,700	220.0	52.4	13,500*	230.0	50.1	8,300*	230.0	54.8	7,200*
200.0	**45.4**	**13,800**	**200.0**	**47.3**	**14,200**	**220.0**	**44.4**	**11,600**	**220.0**	**47.1**	**12,600**	**230.0**	**46.1**	**11,400**	**230.0**	**49.7**	**12,200**	**240.0**	**47.7**	**8,000***	**240.0**	**52.0**	**7,200***
210.0	42.3	12,100	210.0	44.1	12,500	230.0	41.4	10,300	230.0	43.9	11,100	240.0	43.4	10,000	240.0	46.8	10,900	250.0	45.1	7,900*	250.0	49.4	7,000*
220.0	**38.9**	**10,700**	**220.0**	**40.6**	**11,100**	**240.0**	**38.1**	**8,900**	**240.0**	**40.5**	**9,800**	**250.0**	**40.5**	**8,900**	**250.0**	**43.7**	**9,600**	**260.0**	**42.5**	**7,500***	**260.0**	**46.5**	**7,000***
230.0	35.3	9,400	230.0	36.8	9,600	250.0	34.6	7,800	250.0	36.8	8,500	260.0	37.4	7,900	260.0	40.4	8,400	270.0	39.7	7,200*	270.0	43.5	7,000*
240.0	**31.3**	**8,200**	**240.0**	**32.6**	**8,400**	**260.0**	**30.8**	**6,800**	**260.0**	**32.6**	**7,500**	**270.0**	**34.0**	**6,900**	**270.0**	**36.7**	**7,300**	**280.0**	**36.7**	**6,500***	**280.0**	**40.3**	**6,700**
243.1	30.0	7,900	245.4	30.0	7,700	261.8	30.0	6,600	265.4	30.0	6,800	280.0	30.3	6,000	280.0	32.6	6,300	290.0	33.4	5,800	290.0	36.7	6,100
												280.8	**30.0**	**5,900**	**285.4**	**30.0**	**5,700**	**299.5**	**30.0**	**5,000**	**300.0**	**32.5**	**5,400**
																					305.4	30.0	4,800
Reeves		**2**	**Reeves**		**2**	**Reeves**		**2**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**

240' Boom

40 ft Jib						60 ft Jib						80 ft Jib						100 ft Jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
60.4	80.0	58,200*				67.3	80.0	46,500*				73.8	80.0	26,600*				80.7	80.0	14,700*			
65.0	**79.0**	**57,200***				**70.0**	**79.4**	**45,900***				**75.0**	**79.8**	**26,500***				**85.0**	**79.3**	**14,300***			
70.0	78.0	56,200*	72.1	80.0	42,100*	75.0	78.5	44,800*				80.0	78.9	25,800*				90.0	78.4	14,000*			
75.0	**76.9**	**55,200***	**75.0**	**79.4**	**41,800***	**80.0**	**77.5**	**43,800***				**85.0**	**78.0**	**25,300***				**95.0**	**77.5**	**13,700***			
80.0	75.9	54,200*	80.0	78.4	41,300*	85.0	76.5	43,000*	85.3	80.0	29,700*	90.0	77.1	24,800*				100.0	76.7	13,500*			
85.0	**74.8**	**53,400***	**85.0**	**77.3**	**41,000***	**90.0**	**75.5**	**42,200***	**90.0**	**79.0**	**29,700***	**95.0**	**76.1**	**24,400***	**98.0**	**80.0**	**17,800***	**110.0**	**74.9**	**12,800***	**110.8**	**80.0**	**9,400***
90.0	73.8	52,500*	90.0	76.2	40,500*	95.0	74.5	41,300*	95.0	78.0	29,600*	100.0	75.2	24,000*	100.0	79.6	17,500*	120.0	73.1	12,200*	120.0	78.3	9,100*
95.0	**72.7**	**51,000**	**95.0**	**75.1**	**39,800***	**100.0**	**73.5**	**40,500***	**100.0**	**77.0**	**29,400***	**110.0**	**73.3**	**23,200***	**110.0**	**77.7**	**17,200***	**130.0**	**71.3**	**11,700***	**130.0**	**76.5**	**9,000***
100.0	71.6	48,700	100.0	74.0	38,900*	110.0	71.5	39,200*	110.0	74.9	28,700*	120.0	71.4	22,300*	120.0	75.7	16,600*	140.0	69.5	11,300*	140.0	74.6	8,700*
110.0	**69.4**	**42,400**	**110.0**	**71.8**	**37,200***	**120.0**	**69.5**	**37,500***	**120.0**	**72.8**	**28,000***	**130.0**	**69.5**	**21,600***	**130.0**	**73.8**	**16,300***	**150.0**	**67.7**	**10,800***	**150.0**	**72.7**	**8,400***
120.0	67.2	37,100	120.0	69.5	35,900	130.0	67.4	33,600	130.0	70.7	27,000*	140.0	67.5	21,000*	140.0	71.8	16,000*	160.0	65.8	10,400*	160.0	70.8	8,300*
130.0	**65.0**	**32,500**	**130.0**	**67.3**	**33,500**	**140.0**	**65.3**	**29,600**	**140.0**	**68.6**	**26,000***	**150.0**	**65.6**	**20,300***	**150.0**	**69.7**	**15,600***	**170.0**	**63.9**	**10,100***	**170.0**	**68.8**	**8,100***
140.0	62.7	28,500	140.0	64.9	29,800	150.0	63.1	26,100	150.0	66.3	25,000*	160.0	63.5	19,600*	160.0	67.6	15,300*	180.0	62.0	9,800*	180.0	66.8	7,900*
150.0	**60.3**	**25,000**	**150.0**	**62.5**	**26,100**	**160.0**	**60.9**	**23,100**	**160.0**	**64.1**	**24,300***	**170.0**	**61.5**	**19,000***	**170.0**	**65.5**	**15,000***	**190.0**	**60.0**	**9,400***	**190.0**	**64.7**	**7,700***
160.0	57.9	22,000	160.0	60.1	23,100	170.0	58.7	20,400	170.0	61.8	22,400*	180.0	59.4	18,400*	180.0	63.3	14,600*	200.0	57.9	9,100*	200.0	62.6	7,600*
170.0	**55.4**	**19,500**	**170.0**	**57.5**	**20,400**	**180.0**	**56.4**	**18,100**	**180.0**	**59.4**	**19,800**	**190.0**	**57.2**	**17,200***	**190.0**	**61.1**	**14,300***	**210.0**	**55.9**	**8,800***	**210.0**	**60.5**	**7,400***
180.0	52.9	17,100	180.0	54.9	18,000	190.0	54.0	16,100	190.0	57.0	17,600	200.0	55.0	15,500*	200.0	58.8	14,200*	220.0	53.7	8,700*	220.0	58.3	7,300*
190.0	**50.2**	**15,200**	**190.0**	**52.2**	**15,900**	**200.0**	**51.5**	**14,200**	**200.0**	**54.4**	**15,700**	**210.0**	**52.7**	**13,800**	**210.0**	**56.4**	**13,800***	**230.0**	**51.5**	**8,300***	**230.0**	**56.0**	**7,200***
200.0	47.4	13,300	200.0	49.3	14,000	210.0	49.0	12,500	210.0	51.9	13,800	220.0	50.3	12,300	220.0	54.0	13,400*	240.0	49.2	8,200*	240.0	53.6	7,200*
210.0	**44.6**	**11,600**	**210.0**	**46.4**	**12,300**	**220.0**	**46.3**	**11,200**	**220.0**	**49.0**	**12,300**	**230.0**	**47.9**	**10,900**	**230.0**	**51.4**	**12,000**	**250.0**	**46.9**	**7,900***	**250.0**	**51.1**	**7,000***
220.0	41.5	10,300	220.0	43.2	10,700	230.0	43.6	9,800	230.0	46.1	10,900	240.0	45.3	9,700	240.0	48.7	10,700	260.0	44.4	7,600*	260.0	48.4	7,000*
230.0	**38.2**	**8,900**	**230.0**	**39.8**	**9,200**	**240.0**	**40.6**	**8,500**	**240.0**	**43.0**	**9,500**	**250.0**	**42.6**	**8,500**	**250.0**	**45.9**	**9,300**	**270.0**	**41.8**	**7,100***	**270.0**	**45.7**	**7,000***
240.0	34.6	7,700	240.0	36.0	7,800	250.0	37.4	7,400	250.0	39.7	8,200	260.0	39.8	7,500	260.0	42.8	8,100	280.0	39.0	6,100	280.0	42.7	6,500
250.0	**30.7**	**6,500**	**250.0**	**31.9**	**6,700**	**260.0**	**34.0**	**6,400**	**260.0**	**36.0**	**7,000**	**270.0**	**36.7**	**6,500**	**270.0**	**39.6**	**7,100**	**290.0**	**36.1**	**5,100**	**290.0**	**39.5**	**5,800**
251.6	30.0	6,300	254.2	30.0	6,300	270.0	30.2	5,500	270.0	31.9	6,000	280.0	33.4	5,600	280.0	36.0	6,100	300.0	32.9	4,300	300.0	35.9	5,100
						270.6	**30.0.**	**5,500**	**274.2**	**30.0**	**5,500**	**289.3**	**30.0**	**4,800**	**290.0**	**31.9**	**5,100**	**308.0**	**30.0**	**3,900**	**310.0**	**31.9**	**4,200**
															294.2	30.0	4,600				314.3	30.0	3,700
Reeves		**2**	**Reeves**		**2**	**Reeves**		**2**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**

Note: Designed and rated to comply with ANSI Code B30.5

Capacities based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.

Refer to notes P12 and P13.

LIFTING CAPACITY

Fixed Jib Lifting Capacity (Without Main Hook)

250' Boom

40 ft Jib						60 ft Jib						80 ft Jib						100 ft Jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
62.0	80.0	58,200*				68.9	80.0	46,500*				75.8	80.0	26,400*				82.7	80.0	14,700*			
65.0	**79.4**	**57,600***				**70.0**	**79.8**	**46,200***				**80.0**	**79.2**	**26,100***				**85.0**	**79.5**	**14,500***			
70.0	78.4	56,600*	74.1	80.0	42,100*	75.0	78.8	45,200*				85.0	78.3	25,600*				90.0	78.8	14,200*			
75.0	**77.4**	**55,500***	**75.0**	**79.8**	**42,000***	**80.0**	**77.9**	**44,300***				**90.0**	**77.5**	**25,000***				**95.0**	**77.9**	**13,800***			
80.0	76.4	54,600*	80.0	78.8	41,500*	85.0	76.9	43,400*	86.9	80.0	29,700*	95.0	76.6	24,700*	99.7	80.0	17,600*	100.0	77.1	13,500*			
85.0	**75.4**	**53,800***	**85.0**	**77.7**	**41,200***	**90.0**	**76.0**	**42,600***	**90.0**	**79.4**	**29,700***	**100.0**	**75.7**	**24,300***	**100.0**	**79.9**	**17,600***	**110.0**	**75.4**	**13,000***	**112.5**	**80.0**	**9,400***
90.0	74.3	53,000*	90.0	76.7	40,700*	95.0	75.0	41,800*	95.0	78.4	29,600*	110.0	73.8	23,400*	110.0	78.1	17,200*	120.0	73.6	12,500*	120.0	78.7	9,200*
95.0	**73.3**	**50,300**	**95.0**	**75.7**	**40,100***	**100.0**	**74.1**	**41,000***	**100.0**	**77.4**	**29,400***	**120.0**	**72.0**	**22,500***	**120.0**	**76.2**	**16,800***	**130.0**	**71.9**	**11,900***	**130.0**	**76.9**	**9,000***
100.0	72.2	46,800	100.0	74.6	39,400*	110.0	72.1	39,600*	110.0	75.4	28,900*	130.0	70.1	21,900*	130.0	74.3	16,300*	140.0	70.1	11,500*	140.0	75.1	8,700*
110.0	**70.2**	**41,100**	**110.0**	**72.5**	**37,700***	**120.0**	**70.2**	**37,500***	**120.0**	**73.4**	**28,300***	**140.0**	**68.3**	**21,200***	**140.0**	**72.4**	**16,000***	**150.0**	**68.4**	**11,000***	**150.0**	**73.3**	**8,500***
120.0	68.0	36,300	120.0	70.3	36,300	130.0	68.2	32,900	130.0	71.4	27,200*	150.0	66.4	20,500*	150.0	70.4	15,600*	160.0	66.5	10,700*	160.0	71.4	8,300*
130.0	**65.9**	**31,800**	**130.0**	**68.1**	**33,300**	**140.0**	**66.1**	**28,900**	**140.0**	**69.3**	**26,200***	**160.0**	**64.4**	**19,800***	**160.0**	**68.4**	**15,300***	**170.0**	**64.7**	**10,300***	**170.0**	**69.5**	**8,100***
140.0	63.7	27,800	140.0	65.9	29,100	150.0	64.1	25,400	150.0	67.2	25,400*	170.0	62.4	19,200*	170.0	66.4	15,000*	180.0	62.8	9,800*	180.0	67.6	8,000*
150.0	**61.4**	**24,300**	**150.0**	**63.6**	**25,600**	**160.0**	**62.0**	**22,400**	**160.0**	**65.1**	**24,100***	**180.0**	**60.4**	**18,400***	**180.0**	**64.3**	**14,700***	**190.0**	**60.9**	**9,700***	**190.0**	**65.6**	**7,700***
160.0	59.1	21,300	160.0	61.2	22,400	170.0	59.8	19,700	170.0	62.8	21,700*	190.0	58.4	16,800*	190.0	62.2	14,500*	200.0	59.0	9,300*	200.0	63.6	7,700*
170.0	**56.8**	**18,800**	**170.0**	**58.8**	**19,700**	**180.0**	**57.6**	**17,500**	**180.0**	**60.6**	**19,300**	**200.0**	**56.2**	**14,900**	**200.0**	**60.0**	**14,200***	**210.0**	**57.0**	**9,000***	**210.0**	**61.5**	**7,400***
180.0	54.4	16,500	180.0	56.4	17,400	190.0	55.4	15,400	190.0	58.3	17,000	210.0	54.1	13,200	210.0	57.7	14,100*	220.0	55.0	8,700*	220.0	59.4	7,300*
190.0	**51.9**	**14,300**	**190.0**	**53.8**	**15,200**	**200.0**	**53.0**	**13,500**	**200.0**	**55.9**	**15,100**	**220.0**	**51.8**	**11,600**	**220.0**	**55.4**	**12,900**	**230.0**	**52.9**	**8,500***	**230.0**	**57.2**	**7,200***
200.0	49.3	12,600	200.0	51.1	13,300	210.0	50.6	11,900	210.0	53.4	13,400	230.0	49.5	10,300	230.0	53.0	11,400	240.0	50.7	8,200*	240.0	54.9	7,200*
210.0	**46.5**	**11,000**	**210.0**	**48.4**	**11,600**	**220.0**	**48.1**	**10,400**	**220.0**	**50.8**	**11,700**	**240.0**	**47.1**	**9,000**	**240.0**	**50.5**	**10,000**	**250.0**	**48.5**	**8,100***	**250.0**	**52.6**	**7,200***
220.0	43.7	9,500	220.0	45.4	9,900	230.0	45.5	9,000	230.0	48.1	10,300	250.0	44.6	7,800	250.0	47.8	8,700	260.0	46.1	7,400*	260.0	50.1	7,000*
230.0	**40.7**	**8,100**	**230.0**	**42.3**	**8,500**	**240.0**	**42.8**	**7,800**	**240.0**	**45.2**	**8,900**	**260.0**	**41.9**	**6,800**	**260.0**	**45.0**	**7,600**	**270.0**	**43.7**	**6,500**	**270.0**	**47.6**	**6,900***
240.0	37.5	6,900	240.0	39.0	7,300	250.0	39.9	6,700	250.0	42.2	7,600	270.0	39.1	5,800	270.0	42.0	6,500	280.0	41.1	5,600	280.0	44.8	6,300*
250.0	**34.0**	**5,800**	**250.0**	**35.3**	**6,100**	**260.0**	**36.8**	**5,700**	**260.0**	**38.9**	**6,500**	**280.0**	**36.1**	**4,900**	**280.0**	**38.8**	**5,500**	**290.0**	**38.4**	**4,700**	**290.0**	**41.9**	**5,600**
260.0	30.2	4,800	260.0	31.2	5,000	270.0	33.4	4,700	270.0	35.3	5,400	290.0	32.9	4,100	290.0	35.3	4,500	300.0	35.5	3,900	300.0	38.7	4,700
260.4	**30.0**	**4,800**	**262.7**	**30.0**	**4,800**	**279.1**	**30.0**	**3,900**	**280.0**	**31.2**	**4,400**	**297.9**	**30.0**	**3,300**	**300.0**	**31.2**	**3,500**	**310.0**	**32.3**	**3,400**	**310.0**	**35.2**	**3,800**
									282.8	30.0	4,100				302.8	30.0	3,300	316.9	30.0	2,800	320.0	31.2	3,100
																					322.8	**30.0**	**2,800**
Reeves		**2**	**Reeves**		**2**	**Reeves**		**2**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**

Note: Designed and rated to comply with ANSI Code B30.5
Capacities based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.
Refer to notes P12 and P13.

Fixed Jib Lifting Capacity (With 77 US t/39 US t Main Hook)

Unit: lbs

Counterweight: 199,300 lbs, Carbody weight: 60,500 lbs

90' Boom

40 ft Jib						60 ft Jib						80 ft Jib						100 ft Jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
34.1	80.0	59,500*				41.0	80.0	46,700*				47.9	80.0	26,600*				54.8	80.0	14,900*			
36.0	**79.2**	**58,300***				**42.0**	**79.6**	**46,300***				**48.0**	**79.9**	**26,600***				**55.0**	**79.9**	**14,900***			
38.0	78.3	57,000*				44.0	78.9	45,600*				50.0	79.3	26,300*				60.0	78.4	14,200*			
40.0	**77.4**	**55,900***				**46.0**	**78.1**	**44,900***				**55.0**	**77.5**	**25,500***				**65.0**	**76.8**	**13,700***			
42.0	76.5	55,100*				48.0	77.3	44,200*				60.0	75.8	24,500*				70.0	75.2	13,200*			
44.0	**75.6**	**54,300***				**50.0**	**76.5**	**43,400***				**65.0**	**74.0**	**23,600***				**75.0**	**73.6**	**12,700***			
46.0	74.7	53,500*	46.2	80.0	42,500*	55.0	74.5	41,700*	59.0	80.0	29,700*	70.0	72.2	23,000*	71.8	80.1	18,000*	80.0	72.0	12,200*	84.9	80.0	9,700*
48.0	**73.8**	**52,600***	**48.0**	**79.2**	**42,100***	**60.0**	**72.5**	**40,200***	**60.0**	**79.6**	**29,700***	**75.0**	**70.4**	**22,300***	**75.0**	**78.9**	**17,700***	**85.0**	**70.4**	**11,700***	**85.0**	**79.9**	**9,700***
50.0	72.8	51,700*	50.0	78.2	41,700*	65.0	70.4	38,700*	65.0	77.5	29,700*	80.0	68.5	21,600*	80.0	76.9	17,200*	90.0	68.7	11,300*	90.0	78.2	9,300*
55.0	**70.5**	**49,600***	**55.0**	**75.8**	**40,500***	**70.0**	**68.4**	**37,500***	**70.0**	**75.4**	**29,100***	**85.0**	**66.7**	**20,700***	**85.0**	**75.0**	**16,700***	**95.0**	**67.0**	**11,000***	**95.0**	**76.5**	**9,100***
60.0	68.1	47,700*	60.0	73.4	39,100*	75.0	66.2	36,300*	75.0	73.2	28,400*	90.0	64.8	20,200*	90.0	73.0	16,400*	100.0	65.3	10,600*	100.0	74.7	8,900*
65.0	**65.7**	**45,800***	**65.0**	**70.9**	**37,200***	**80.0**	**64.1**	**35,100***	**80.0**	**70.9**	**27,500***	**95.0**	**62.8**	**19,500***	**95.0**	**71.0**	**16,100***	**110.0**	**61.8**	**10,000***	**110.0**	**71.0**	**8,400***
70.0	63.2	44,300*	70.0	68.3	35,700*	85.0	61.9	34,000*	85.0	68.6	26,500*	100.0	60.8	19,000*	100.0	68.9	15,700*	120.0	58.1	9,400*	120.0	67.2	8,100*
75.0	**60.7**	**42,700***	**75.0**	**65.7**	**34,300***	**90.0**	**59.6**	**32,200***	**90.0**	**66.3**	**25,500***	**110.0**	**56.7**	**18,000***	**110.0**	**64.6**	**15,000***	**130.0**	**54.2**	**8,900***	**130.0**	**63.1**	**7,900***
80.0	58.1	41,300*	80.0	62.9	33,200*	95.0	57.3	30,500*	95.0	63.8	24,600*	120.0	52.3	17,000*	120.0	59.9	14,400*	140.0	50.1	8,500*	140.0	58.7	7,600*
85.0	**55.4**	**39,900***	**85.0**	**60.1**	**32,000***	**100.0**	**54.9**	**29,100***	**100.0**	**61.3**	**23,700***	**130.0**	**47.6**	**16,200***	**130.0**	**54.9**	**13,900***	**150.0**	**45.7**	**8,100***	**150.0**	**54.0**	**7,300***
90.0	52.5	38,600*	90.0	57.2	31,000*	110.0	49.8	26,500*	110.0	56.0	22,200*	140.0	42.4	15,500*	140.0	49.4	13,600*	160.0	40.8	7,800*	160.0	48.7	7,200*
95.0	**49.6**	**37,500***	**95.0**	**54.1**	**30,100***	**120.0**	**44.3**	**24,500***	**120.0**	**50.0**	**21,100***	**150.0**	**36.6**	**15,000***	**150.0**	**42.8**	**13,400***	**170.0**	**35.3**	**7,300***	**170.0**	**42.5**	**7,000***
100.0	46.5	36,400*	100.0	50.9	29,300*	130.0	38.0	22,800*	130.0	43.2	20,300*	159.4	30.0	14,500*	160.0	34.4	13,400*	178.1	30.0	6,800*	180.0	34.6	6,500
110.0	**39.8**	**34,400***	**110.0**	**43.6**	**28,100***	**140.0**	**30.6**	**21,400***	**140.0**	**34.5**	**19,700***				**164.3**	**30.0**	**13,400***				**184.2**	**30.0**	**5,100**
120.0	31.7	32,300*	120.0	34.6	27,400*	140.7	30.0	21,300*	144.3	30.0	19,600*												
121.7	**30.0**	**31,900***	**124.3**	**30.0**	**27,300***																		
Reeves		**2**	**Reeves**		**2**	**Reeves**		**2**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**

100' Boom

40 ft Jib						60 ft Jib						80 ft Jib						100 ft Jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
36.1	80.0	58,200				43.0	80.0	46,700*				49.5	80.0	26,600*				56.4	80.0	14,900*			
38.0	**79.2**	**57,500**				**44.0**	**79.6**	**46,300***				**50.0**	**79.9**	**26,600***				**60.0**	**79.0**	**14,400***			
40.0	78.3	56,800				46.0	78.8	45,600*				55.0	78.3	25,800*				65.0	77.5	13,900*			
42.0	**77.5**	**56,000**				**48.0**	**78.1**	**44,900***				**60.0**	**76.6**	**24,900***				**70.0**	**76.0**	**13,400***			
44.0	76.6	55,200				50.0	77.4	44,200*				65.0	74.9	24,100*				75.0	74.5	12,900*			
46.0	**75.8**	**54,400**	**47.9**	**80.0**	**42,500***	**55.0**	**75.5**	**42,600***				**70.0**	**73.2**	**23,400***	**73.8**	**80.0**	**18,000***	**80.0**	**72.9**	**12,400***			
48.0	75.0	53,700	48.0	79.9	42,500*	60.0	73.6	41,100*	61.0	80.0	29,700*	75.0	71.5	22,700*	75.0	79.5	17,900*	85.0	71.4	12,100*	86.6	80.0	9,700*
50.0	**74.1**	**53,000**	**50.0**	**79.1**	**42,100***	**65.0**	**71.7**	**39,600***	**65.0**	**78.4**	**29,700***	**80.0**	**69.8**	**22,000***	**80.0**	**77.8**	**17,500***	**90.0**	**69.8**	**11,600***	**90.0**	**78.9**	**9,500***
55.0	71.9	51,400	55.0	76.9	41,100*	70.0	69.8	38,400*	70.0	76.4	29,300*	85.0	68.1	21,400*	85.0	75.9	17,000*	95.0	68.3	11,200*	95.0	77.2	9,200*
60.0	**69.8**	**49,700**	**60.0**	**74.7**	**40,000***	**75.0**	**67.8**	**37,200***	**75.0**	**74.4**	**28,800***	**90.0**	**66.3**	**20,700***	**90.0**	**74.1**	**16,600***	**100.0**	**66.5**	**10,900***	**100.0**	**75.6**	**8,900***
65.0	67.6	48,400	65.0	72.4	38,300*	80.0	65.9	36,100*	80.0	72.3	28,100*	95.0	64.5	20,000*	95.0	72.2	16,300*	110.0	63.4	10,200*	110.0	72.1	8,600*
70.0	**65.3**	**46,900**	**70.0**	**70.1**	**36,800***	**85.0**	**63.8**	**35,100***	**85.0**	**70.2**	**27,100***	**100.0**	**62.6**	**19,400***	**100.0**	**70.3**	**15,900***	**120.0**	**60.0**	**9,600***	**120.0**	**68.6**	**8,300***
75.0	63.0	45,500	75.0	67.7	35,300*	90.0	61.8	33,700*	90.0	68.0	26,100*	110.0	58.8	18,400*	110.0	66.3	15,300*	130.0	56.4	9,100*	130.0	64.8	7,900*
80.0	**60.6**	**44,200**	**80.0**	**65.2**	**34,000***	**95.0**	**59.6**	**32,200***	**95.0**	**65.8**	**25,200***	**120.0**	**54.9**	**17,500***	**120.0**	**62.1**	**14,700***	**140.0**	**52.7**	**8,700***	**140.0**	**60.9**	**7,700***
85.0	58.2	43,000	85.0	62.7	32,900*	100.0	57.5	30,600*	100.0	63.6	24,400*	130.0	50.6	16,800*	130.0	57.7	14,100*	150.0	48.7	8,400*	150.0	56.7	7,500*
90.0	**55.7**	**41,700**	**90.0**	**60.1**	**32,000***	**110.0**	**52.9**	**27,900***	**110.0**	**58.8**	**22,900***	**140.0**	**46.1**	**15,900***	**140.0**	**52.8**	**13,800***	**160.0**	**44.4**	**8,000***	**160.0**	**52.0**	**7,200***
95.0	53.1	40,300	95.0	57.4	31,100*	120.0	48.0	25,800*	120.0	53.6	21,800*	150.0	41.1	15,400*	150.0	47.4	13,400*	170.0	39.7	7,700*	170.0	48.9	7,200*
100.0	**50.4**	**39,000**	**100.0**	**54.6**	**30,200***	**130.0**	**42.7**	**24,000***	**130.0**	**47.9**	**20,800***	**160.0**	**35.4**	**14,800***	**160.0**	**41.0**	**13,400***	**180.0**	**34.3**	**7,300***	**180.0**	**40.7**	**6,800***
110.0	44.7	36,500	110.0	48.5	28,800*	140.0	36.6	22,400*	140.0	41.3	20,100*	167.9	30.0	14,500*	170.0	33.0	13,400*	187.0	30.0	6,600*	190.0	33.0	6,400
120.0	**38.2**	**34,100**	**120.0**	**41.6**	**27,800***	**149.2**	**30.0**	**21,300***	**150.0**	**33.0**	**19,600***				**172.9**	**30.0**	**13,400***				**192.9**	**30.0**	**6,100**
130.0	30.4	32,000	130.0	33.0	27,300*				152.8	30.0	19,600*												
130.5	**30.0**	**31,900**	**132.8**	**30.0**	**27,300***																		
Reeves		**2**	**Reeves**		**2**	**Reeves**		**2**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**

Note: Designed and rated to comply with ANSI Code B30.5

Capacities based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.

Refer to notes P12 and P13.

LIFTING CAPACITY

Fixed Jib Lifting Capacity (With 77 US t/39 US t Main Hook)

Unit: lbs

Counterweight: 199,300 lbs, Carbody weight: 60,500 lbs

110' Boom

40 ft Jib						60 ft Jib						80 ft Jib						100 ft Jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
37.7	80.0	58,400*				44.6	80.0	46,700*				51.5	80.0	26,600*				58.4	80.0	14,700*			
38.0	**79.9**	**58,300***				**45.0**	**79.5**	**46,200***				**55.0**	**78.9**	**26,200***				**60.0**	**79.5**	**14,600***			
40.0	79.1	57,700*				48.0	78.8	45,600*				60.0	77.3	25,400*				65.0	78.1	14,100*			
42.0	**78.3**	**56,900***				**50.0**	**78.1**	**44,900***				**65.0**	**75.8**	**24,500***				**70.0**	**76.7**	**13,600***			
44.0	77.6	56,100*				55.0	76.4	43,300*				70.0	74.2	23,800*				75.0	75.2	13,100*			
46.0	**76.8**	**55,300***				**60.0**	**74.6**	**41,800***	**62.6**	**80.0**	**29,700***	**75.0**	**72.6**	**23,200***	**75.4**	**80.0**	**17,800***	**80.0**	**73.8**	**12,700***			
48.0	76.0	54,600*	49.8	80.0	42,500*	65.0	72.8	40,500*	65.0	79.1	29,700*	80.0	70.9	22,500*	80.0	78.5	17,500*	85.0	72.3	12,300*	88.2	80.0	9,700*
50.0	**75.2**	**53,900***	**50.0**	**79.9**	**42,500***	**70.0**	**71.1**	**39,300***	**70.0**	**77.3**	**29,600***	**85.0**	**69.3**	**21,800***	**85.0**	**76.8**	**17,200***	**90.0**	**70.9**	**11,800***	**90.0**	**79.5**	**9,500***
55.0	73.2	52,300*	55.0	77.9	41,400*	75.0	69.2	38,100*	75.0	75.4	29,100*	90.0	67.6	21,100*	90.0	75.0	16,800*	95.0	69.4	11,400*	95.0	77.9	9,300*
60.0	**71.2**	**50,800***	**60.0**	**75.8**	**40,500***	**80.0**	**67.4**	**37,000***	**80.0**	**73.5**	**28,400***	**95.0**	**66.0**	**20,600***	**95.0**	**73.3**	**16,400***	**100.0**	**67.9**	**11,100***	**100.0**	**76.4**	**9,100***
65.0	69.1	49,300*	65.0	73.7	39,100*	85.0	65.5	35,900*	85.0	71.5	27,800*	100.0	64.2	20,000*	100.0	71.5	16,000*	110.0	64.8	10,400*	110.0	73.2	8,600*
70.0	**67.1**	**47,900***	**70.0**	**71.5**	**37,600***	**90.0**	**63.6**	**34,900***	**90.0**	**69.5**	**26,800***	**110.0**	**60.7**	**18,800***	**110.0**	**67.8**	**15,500***	**120.0**	**61.6**	**9,800***	**120.0**	**69.8**	**8,300***
75.0	64.9	46,600*	75.0	69.4	36,200*	95.0	61.6	33,600*	95.0	67.5	25,900*	120.0	57.1	18,100*	120.0	64.0	14,900*	130.0	58.3	9,300*	130.0	66.4	8,100*
80.0	**62.8**	**45,300***	**80.0**	**67.1**	**35,000***	**100.0**	**59.7**	**32,100***	**100.0**	**65.4**	**25,000***	**130.0**	**53.2**	**17,200***	**130.0**	**59.9**	**14,400***	**140.0**	**54.8**	**8,900***	**140.0**	**62.7**	**7,800***
85.0	60.6	44,100*	85.0	64.9	34,000*	110.0	55.5	29,400*	110.0	61.1	23,500*	140.0	49.1	16,300*	140.0	55.6	14,000*	150.0	51.2	8,400*	150.0	58.9	7,500*
90.0	**58.3**	**43,100***	**90.0**	**62.5**	**33,000***	**120.0**	**51.2**	**27,100***	**120.0**	**56.6**	**22,400***	**150.0**	**44.7**	**15,700***	**150.0**	**50.9**	**13,500***	**160.0**	**47.3**	**8,200***	**160.0**	**54.8**	**7,400***
95.0	56.0	42,000*	95.0	60.1	31,900*	130.0	46.5	25,100*	130.0	51.6	21,200*	160.0	39.8	15,200*	160.0	45.6	13,400*	170.0	43.2	7,900*	170.0	50.3	7,200*
100.0	**53.6**	**40,800***	**100.0**	**57.6**	**31,000***	**140.0**	**41.3**	**23,500***	**140.0**	**46.1**	**20,500***	**170.0**	**34.3**	**14,700***	**170.0**	**39.4**	**13,400***	**180.0**	**38.6**	**7,500***	**180.0**	**45.2**	**7,100***
110.0	48.5	38,500*	110.0	52.3	29,700*	150.0	35.4	22,100*	150.0	39.6	19,900*	176.8	30.0	14,500*	180.0	31.5	13,400*	190.0	33.3	7,000*	190.0	39.3	6,600*
120.0	**43.0**	**36,000***	**120.0**	**46.5**	**28,400***	**158.1**	**30.0**	**21,300***	**160.0**	**31.5**	**19,600***				**181.7**	**30.0**	**13,400***	**195.5**	**30.0**	**6,600***	**200.0**	**31.5**	**6,000**
130.0	36.8	33,500*	130.0	39.8	27,600*				161.7	30.0	19,600*										201.4	30.0	5,900
139.1	**30.0**	**30,600***	**140.0**	**31.5**	**27,300***																		
			141.7	30.0	27,300*																		
Reeves		**2**	**Reeves**		**2**	**Reeves**		**2**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**

120' Boom

40 ft Jib						60 ft Jib						80 ft Jib						100 ft Jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
39.4	80.0	58,600*				46.3	80.0	46,700*				53.1	80.0	26,600*				60.0	80.0	14,900*			
40.0	**79.8**	**58,400***				**48.0**	**79.4**	**46,100***				**55.0**	**79.5**	**26,300***				**65.0**	**78.7**	**14,400***			
42.0	79.1	57,600*				50.0	78.8	45,500*				60.0	78.0	25,600*				70.0	77.3	13,800*			
44.0	**78.3**	**56,900***				**55.0**	**77.2**	**43,900***				**65.0**	**76.5**	**24,700***				**75.0**	**75.9**	**13,300***			
46.0	77.6	56,100*				60.0	75.5	42,500*	64.3	80.0	29,700*	70.0	75.0	24,100*				80.0	74.6	12,900*			
48.0	**76.9**	**55,500***				**65.0**	**73.8**	**41,100***	**65.0**	**79.8**	**29,700***	**75.0**	**73.5**	**23,400***	**77.0**	**80.0**	**17,800***	**85.0**	**73.2**	**12,500***			
50.0	76.1	54,800*	51.5	80.0	42,500*	70.0	72.2	39,900*	70.0	78.0	29,700*	80.0	72.0	22,800*	80.0	79.1	17,700*	90.0	71.8	12,000*	90.2	80.0	9,400*
55.0	**74.3**	**53,200***	**55.0**	**78.7**	**41,900***	**75.0**	**70.5**	**38,700***	**75.0**	**76.3**	**29,300***	**85.0**	**70.4**	**22,200***	**85.0**	**77.5**	**17,400***	**95.0**	**70.4**	**11,600***	**95.0**	**78.6**	**9,300***
60.0	72.4	51,700*	60.0	76.7	41,000*	80.0	68.7	37,600*	80.0	74.5	28,700*	90.0	68.8	21,600*	90.0	75.9	16,900*	100.0	68.9	11,300*	100.0	77.1	9,200*
65.0	**70.5**	**50,200***	**65.0**	**74.8**	**40,000***	**85.0**	**67.0**	**36,600***	**85.0**	**72.7**	**28,200***	**95.0**	**67.3**	**21,000***	**95.0**	**74.3**	**16,500***	**110.0**	**66.0**	**10,600***	**110.0**	**74.0**	**8,800***
70.0	68.6	48,800*	70.0	72.8	38,500*	90.0	65.2	35,800*	90.0	70.8	27,400*	100.0	65.7	20,500*	100.0	72.6	16,200*	120.0	63.0	10,000*	120.0	70.9	8,500*
75.0	**66.6**	**47,600***	**75.0**	**70.8**	**37,100***	**95.0**	**63.4**	**34,800***	**95.0**	**69.0**	**26,500***	**110.0**	**62.4**	**19,300***	**110.0**	**69.2**	**15,700***	**130.0**	**60.0**	**9,500***	**130.0**	**67.7**	**8,100***
80.0	64.6	46,400*	80.0	68.7	35,800*	100.0	61.6	33,600*	100.0	67.1	25,700*	120.0	59.0	18,500*	120.0	65.6	15,100*	140.0	56.7	9,100*	140.0	64.3	7,800*
85.0	**62.6**	**45,200***	**85.0**	**66.7**	**34,600***	**110.0**	**57.8**	**30,800***	**110.0**	**63.1**	**24,200***	**130.0**	**55.4**	**17,700***	**130.0**	**61.9**	**14,600***	**150.0**	**53.4**	**8,800***	**150.0**	**60.8**	**7,700***
90.0	60.6	44,000*	90.0	64.5	33,600*	120.0	53.6	28,400*	120.0	59.0	22,900*	140.0	51.7	16,800*	140.0	57.9	14,200*	160.0	49.9	8,300*	160.0	57.0	7,400*
95.0	**58.4**	**42,900***	**95.0**	**62.3**	**32,700***	**130.0**	**49.5**	**26,400***	**130.0**	**54.5**	**21,900***	**150.0**	**47.7**	**16,100***	**150.0**	**53.7**	**13,900***	**170.0**	**46.1**	**8,100***	**170.0**	**53.0**	**7,200***
100.0	56.3	41,700*	100.0	60.1	31,900*	140.0	45.0	24,600*	140.0	49.7	21,000*	160.0	43.4	15,700*	160.0	49.1	13,500*	180.0	42.0	7,800*	180.0	48.6	7,100*
110.0	**51.7**	**39,500***	**110.0**	**55.4**	**30,400***	**150.0**	**40.0**	**23,200***	**150.0**	**44.3**	**20,300***	**170.0**	**38.7**	**15,000***	**170.0**	**44.0**	**13,400***	**190.0**	**37.5**	**7,500***	**190.0**	**43.7**	**6,800***
120.0	46.9	37,100*	120.0	50.3	29,100*	160.0	34.3	22,000*	160.0	38.0	19,800*	180.0	33.3	14,600*	180.0	37.9	13,400*	200.0	32.4	7,200*	200.0	37.8	6,500
130.0	**41.5**	**33,700***	**130.0**	**44.7**	**28,300***	**166.6**	**30.0**	**21,100***	**170.0**	**30.2**	**19,600***	**185.3**	**30.0**	**14,300***	**190.0**	**30.2**	**13,400***	**204.3**	**30.0**	**6,800***	**210.0**	**30.2**	**6,100**
140.0	35.5	31,700	140.0	38.2	27,600*				170.2	30.0	19,600*				190.2	30.0	13,400*				210.3	30.0	6,100
147.9	**30.0**	**30,200**	**150.0**	**30.2**	**27,300***																		
			150.2	30.0	27,300*																		
Reeves		**2**	**Reeves**		**2**	**Reeves**		**2**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**

Note: Designed and rated to comply with ANSI Code B30.5

Capacities based on factors other than machine stability such as structural competence are shown by asterisk * in the charts. Refer to notes P12 and P13.

Fixed Jib Lifting Capacity (With 77 US t/39 US t Main Hook)

Unit: lbs

Counterweight: 199,300 lbs, Carbody weight: 60,500 lbs

130' Boom

40 ft Jib						60 ft Jib						80 ft Jib						100 ft Jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
41.3	80.0	58,400*				47.9	80.0	46,700*				54.8	80.0	26,600*				61.7	80.0	14,900*			
42.0	**79.7**	**58,100***				**48.0**	**79.9**	**46,700***				**55.0**	**79.9**	**26,600***				**65.0**	**79.2**	**14,600***			
44.0	79.0	57,500*				50.0	79.4	46,100*				60.0	78.6	25,600*				70.0	77.9	14,100*			
46.0	**78.4**	**56,800***				**55.0**	**77.8**	**44,600***				**65.0**	**77.2**	**25,200***				**75.0**	**76.5**	**13,600***			
48.0	77.7	56,100*				60.0	76.3	43,100*				70.0	75.7	24,500*				80.0	75.3	13,100*			
50.0	**77.0**	**55,500***	**53.1**	**80.0**	**42,300***	**65.0**	**74.7**	**41,800***	**65.9**	**80.1**	**29,700***	**75.0**	**74.3**	**23,800***	**79.0**	**80.0**	**17,800***	**85.0**	**74.0**	**12,800***			
55.0	75.2	53,900*	55.0	79.4	42,000*	70.0	73.1	40,600*	70.0	78.7	29,700*	80.0	72.9	23,100*	80.0	79.7	17,700*	90.0	72.6	12,300*	91.8	80.0	9,700*
60.0	**73.5**	**52,400***	**60.0**	**77.6**	**41,300***	**75.0**	**71.5**	**39,400***	**75.0**	**77.1**	**29,400***	**85.0**	**71.4**	**22,500***	**85.0**	**78.2**	**17,400***	**95.0**	**71.3**	**11,900***	**95.0**	**79.1**	**9,400***
65.0	71.7	51,000*	65.0	75.7	40,600*	80.0	69.9	38,300*	80.0	75.4	29,000*	90.0	69.9	22,000*	90.0	76.6	17,100*	100.0	69.9	11,500*	100.0	77.7	9,200*
70.0	**69.9**	**49,700***	**70.0**	**73.9**	**39,200***	**85.0**	**68.3**	**37,300***	**85.0**	**73.7**	**28,600***	**95.0**	**68.4**	**21,500***	**95.0**	**75.1**	**16,700***	**110.0**	**67.2**	**10,900***	**110.0**	**74.8**	**8,800***
75.0	68.1	48,400*	75.0	72.0	37,900*	90.0	66.6	36,400*	90.0	72.0	27,800*	100.0	66.9	20,900*	100.0	73.5	16,400*	120.0	64.4	10,400*	120.0	71.9	8,500*
80.0	**66.2**	**47,100***	**80.0**	**70.1**	**36,700***	**95.0**	**64.9**	**35,600***	**95.0**	**70.2**	**27,000***	**110.0**	**63.8**	**19,700***	**110.0**	**70.3**	**15,900***	**130.0**	**61.4**	**9,700***	**130.0**	**68.9**	**8,100***
85.0	64.4	45,900*	85.0	68.2	35,500*	100.0	63.2	34,600*	100.0	68.5	26,200*	120.0	60.7	18,900*	120.0	67.0	15,300*	140.0	58.4	9,400*	140.0	65.7	8,000*
90.0	**62.5**	**44,500***	**90.0**	**66.3**	**34,500***	**110.0**	**59.7**	**32,100***	**110.0**	**64.8**	**24,700***	**130.0**	**57.4**	**18,100***	**130.0**	**63.6**	**14,800***	**150.0**	**55.3**	**9,000***	**150.0**	**62.5**	**7,700***
95.0	60.5	43,400*	95.0	64.2	33,500*	120.0	56.0	29,600*	120.0	61.0	23,500*	140.0	53.9	17,200*	140.0	59.9	14,400*	160.0	52.1	8,500*	160.0	59.0	7,600*
100.0	**58.5**	**42,300***	**100.0**	**62.2**	**32,600***	**130.0**	**52.2**	**27,500***	**130.0**	**57.0**	**22,300***	**150.0**	**50.3**	**16,500***	**150.0**	**56.1**	**14,100***	**170.0**	**48.6**	**8,300***	**170.0**	**55.4**	**7,400***
110.0	54.4	39,300*	110.0	57.9	31,100*	140.0	48.1	25,700*	140.0	52.7	21,600*	160.0	46.4	16,900*	160.0	52.0	13,900*	180.0	44.9	8,000*	180.0	51.4	7,200*
120.0	**50.0**	**36,200**	**120.0**	**53.4**	**29,700***	**150.0**	**43.7**	**24,100***	**150.0**	**48.0**	**20,700***	**170.0**	**42.2**	**15,400***	**170.0**	**47.5**	**13,400***	**190.0**	**41.0**	**7,700***	**190.0**	**47.1**	**7,200***
130.0	45.3	34,000	130.0	48.5	28,700*	160.0	38.8	22,800*	160.0	42.6	20,100*	180.0	37.6	15,000*	180.0	42.5	13,400*	200.0	36.6	7,400*	200.0	42.2	6,900*
140.0	**40.2**	**32,000**	**140.0**	**43.0**	**28,000***	**170.0**	**33.3**	**21,600***	**170.0**	**36.7**	**19,800***	**190.0**	**32.4**	**14,500***	**190.0**	**36.6**	**13,400***	**210.0**	**31.6**	**7,200***	**210.0**	**36.5**	**6,600**
150.0	34.3	29,900	150.0	36.8	27,300*	175.1	30.0	21,100*	178.8	30.0	19,600*	194.2	30.0	14,300*	198.8	30.0	13,400*	212.9	30.0	6,600*	218.8	30.0	5,900
156.4	**30.0**	**28,200**	**158.7**	**30.0**	**25,700***																		
Reeves		**2**	**Reeves**		**2**	**Reeves**		**2**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**

140' Boom

40 ft Jib						60 ft Jib						80 ft Jib						100 ft Jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
43.0	80.0	58,400*				49.9	80.0	46,700*				56.8	80.0	26,600*				63.3	80.0	14,900*			
44.0	**79.7**	**58,100***				**50.0**	**79.9**	**46,600***				**60.0**	**79.1**	**26,200***				**65.0**	**79.6**	**14,800***			
46.0	79.0	57,500*				55.0	78.5	45,100*				65.0	77.8	25,400*				70.0	78.4	14,300*			
48.0	**78.4**	**56,800***				**60.0**	**77.0**	**43,800***				**70.0**	**76.4**	**24,700***				**75.0**	**77.2**	**13,800***			
50.0	77.7	56,100*				65.0	75.5	42,400*	67.9	80.0	29,700*	75.0	75.0	24,000*				80.0	75.9	13,300*			
55.0	**76.1**	**54,600***	**55.1**	**80.0**	**42,300***	**70.0**	**74.0**	**41,200***	**70.0**	**79.3**	**29,700***	**80.0**	**73.7**	**23,400***	**80.7**	**80.0**	**17,800***	**85.0**	**74.7**	**13,000***			
60.0	74.4	53,300*	60.0	78.3	41,700*	75.0	72.5	40,100*	75.0	77.8	29,500*	85.0	72.3	22,900*	85.0	78.8	17,600*	90.0	73.4	12,500*	93.5	80.0	9,700*
65.0	**72.8**	**51,900***	**65.0**	**76.6**	**41,000***	**80.0**	**71.0**	**38,900***	**80.0**	**76.2**	**29,200***	**90.0**	**70.9**	**22,400***	**90.0**	**77.3**	**17,300***	**95.0**	**72.1**	**12,100***	**95.0**	**79.6**	**9,600***
70.0	71.1	50,600*	70.0	74.9	39,900*	85.0	69.4	37,900*	85.0	74.6	28,900*	95.0	69.5	21,600*	95.0	75.9	16,900*	100.0	70.8	11,700*	100.0	78.3	9,400*
75.0	**69.4**	**49,400***	**75.0**	**73.1**	**38,700***	**90.0**	**67.9**	**37,100***	**90.0**	**73.0**	**28,400***	**100.0**	**68.1**	**21,200***	**100.0**	**74.4**	**16,600***	**110.0**	**68.2**	**11,100***	**110.0**	**75.6**	**9,000***
80.0	67.6	48,400*	80.0	71.4	37,400*	95.0	66.3	36,200*	95.0	71.4	27,600*	110.0	65.1	20,200*	110.0	71.4	15,900*	120.0	66.5	10,600*	120.0	72.8	8,700*
85.0	**65.9**	**47,400***	**85.0**	**69.6**	**36,200***	**100.0**	**64.7**	**35,400***	**100.0**	**69.7**	**26,800***	**120.0**	**62.2**	**19,200***	**120.0**	**68.3**	**15,500***	**130.0**	**62.8**	**10,100***	**130.0**	**69.9**	**8,400***
90.0	64.1	46,100*	90.0	67.7	35,200*	110.0	61.4	33,400*	110.0	66.3	25,300*	130.0	59.1	18,400*	130.0	65.0	15,000*	140.0	60.0	9,600*	140.0	67.0	8,000*
95.0	**62.3**	**44,800***	**95.0**	**65.9**	**34,300***	**120.0**	**58.0**	**30,800***	**120.0**	**62.8**	**24,000***	**140.0**	**55.9**	**17,700***	**140.0**	**61.7**	**14,600***	**150.0**	**57.0**	**9,200***	**150.0**	**63.9**	**7,900***
100.0	60.5	43,700*	100.0	64.0	33,400*	130.0	54.4	28,600*	130.0	59.1	23,000*	150.0	52.5	17,000*	150.0	58.2	14,100*	160.0	54.0	8,700*	160.0	60.7	7,700*
110.0	**56.7**	**40,400**	**110.0**	**60.1**	**31,700***	**140.0**	**50.7**	**26,700***	**140.0**	**55.2**	**22,000***	**160.0**	**49.0**	**16,300***	**160.0**	**54.4**	**14,000***	**170.0**	**50.8**	**8,300***	**170.0**	**57.4**	**7,500***
120.0	52.7	37,900	120.0	56.0	30,400*	150.0	46.7	25,200*	150.0	51.0	21,200*	170.0	45.2	15,800*	170.0	50.4	13,600*	180.0	47.4	8,200*	180.0	53.8	7,200*
130.0	**48.5**	**35,700**	**130.0**	**51.6**	**29,400***	**160.0**	**42.4**	**23,900***	**160.0**	**46.4**	**20,500***	**180.0**	**41.1**	**15,300***	**180.0**	**46.1**	**13,400***	**190.0**	**43.9**	**7,900***	**190.0**	**49.9**	**7,200***
140.0	43.9	32,400	140.0	46.8	28,500*	170.0	37.7	22,500*	170.0	41.4	20,000*	190.0	36.7	15,000*	190.0	41.2	13,400*	200.0	40.0	7,700*	200.0	45.7	7,000*
150.0	**39.0**	**29,500**	**150.0**	**41.6**	**27,400***	**180.0**	**32.3**	**21,200***	**180.0**	**35.4**	**19,700***	**200.0**	**31.5**	**14,500***	**200.0**	**35.3**	**13,400***	**210.0**	**35.7**	**7,400***	**210.0**	**41.0**	**7,000**
160.0	33.3	26,500	160.0	35.4	25,600	184.0	30.0	20,500*	187.6	30.0	19,600*	202.7	30.0	14,500*	207.6	30.0	13,400*	220.0	30.8	6,800*	220.0	35.3	6,400
165.0	**30.0**	**25,100**	**167.6**	**30.0**	**24,900**													**221.4**	**30.0**	**6,600***	**227.6**	**30.0**	**5,900**
Reeves		**2**	**Reeves**		**2**	**Reeves**		**2**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**

Note: Designed and rated to comply with ANSI Code B30.5

Capacities based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.

Refer to notes P12 and P13.

LIFTING CAPACITY

Fixed Jib Lifting Capacity (With 77 US t/39 US t Main Hook) Unit: lbs

Counterweight: 199,300 lbs, Carbody weight: 60,500 lbs

150' Boom

40 ft Jib						60 ft Jib						80 ft Jib						100 ft Jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
44.6	80.0	58,400*				51.5	80.0	46,700*				58.4	80.0	26,600*				65.3	80.0	14,700*			
46.0	**79.6**	**57,900***				**55.0**	**79.0**	**45,600***				**60.0**	**79.6**	**26,500***				**70.0**	**78.9**	**14,300***			
48.0	79.0	57,300*				60.0	77.6	44,300*				65.0	78.3	25,600*				75.0	77.7	13,900*			
50.0	**76.4**	**56,700***				**65.0**	**76.2**	**43,100***	**69.5**	**80.0**	**29,700***	**70.0**	**77.0**	**25,100***				**80.0**	**76.5**	**13,500***			
55.0	76.8	55,300*	56.7	80.0	42,300*	70.0	74.8	41,900*	70.0	79.9	29,700*	75.0	75.7	24,500*				85.0	75.3	13,000*			
60.0	**75.3**	**53,900***	**60.0**	**78.9**	**41,900***	**75.0**	**73.4**	**40,700***	**75.0**	**78.4**	**29,600***	**80.0**	**74.4**	**23,800***	**82.3**	**80.0**	**17,800***	**90.0**	**74.1**	**12,600***			
65.0	73.7	52,600*	65.0	77.3	41,300*	80.0	71.9	39,600*	80.0	76.9	29,400*	85.0	73.1	23,100*	85.0	79.3	17,600*	95.0	72.9	12,300*	95.1	80.0	9,700*
70.0	**72.1**	**51,200***	**70.0**	**75.7**	**40,400***	**85.0**	**70.5**	**38,600***	**85.0**	**75.4**	**29,100***	**90.0**	**71.8**	**22,600***	**90.0**	**77.9**	**17,300***	**100.0**	**71.6**	**12,000***	**100.0**	**78.8**	**9,400***
75.0	70.5	49,900*	75.0	74.1	39,300*	90.0	69.0	37,700*	90.0	73.9	28,600*	95.0	70.4	22,100*	95.0	76.5	16,900*	110.0	69.1	11,300*	110.0	76.2	9,000*
80.0	**68.9**	**48,600***	**80.0**	**72.4**	**38,000***	**95.0**	**67.5**	**36,900***	**95.0**	**72.4**	**28,000***	**100.0**	**69.1**	**21,600***	**100.0**	**75.1**	**16,700***	**120.0**	**66.6**	**10,800***	**120.0**	**73.6**	**8,700***
85.0	67.3	47,400*	85.0	70.8	36,800*	100.0	66.0	36,100*	100.0	70.8	27,200*	110.0	66.3	20,600*	110.0	72.3	16,100*	130.0	64.0	10,200*	130.0	70.9	8,400*
90.0	**65.6**	**46,100***	**90.0**	**69.1**	**35,800***	**110.0**	**62.9**	**34,500***	**110.0**	**67.6**	**25,700***	**120.0**	**63.5**	**19,700***	**120.0**	**69.4**	**15,500***	**140.0**	**61.3**	**9,800***	**140.0**	**68.1**	**8,100***
95.0	63.9	44,800*	95.0	67.5	34,900*	120.0	59.7	32,100*	120.0	64.3	24,500*	130.0	60.6	18,800*	130.0	66.3	15,200*	150.0	58.6	9,300*	150.0	65.2	7,900*
100.0	**62.2**	**43,500***	**100.0**	**65.6**	**34,100***	**130.0**	**56.4**	**29,700***	**130.0**	**60.9**	**23,400***	**140.0**	**57.6**	**18,100***	**140.0**	**63.2**	**14,600***	**160.0**	**55.7**	**8,900***	**160.0**	**62.2**	**7,700***
110.0	58.7	39,800	110.0	62.0	32,400*	140.0	53.0	27,800*	140.0	57.3	22,400*	150.0	54.5	17,400*	150.0	60.0	14,300*	170.0	52.8	8,600*	170.0	59.1	7,500*
120.0	**55.0**	**37,000**	**120.0**	**58.2**	**31,100***	**150.0**	**49.4**	**26,100***	**150.0**	**53.5**	**21,600***	**160.0**	**51.2**	**16,800***	**160.0**	**56.5**	**14,000***	**180.0**	**49.6**	**8,300***	**180.0**	**55.8**	**7,400***
130.0	51.2	34,500	130.0	54.2	29,900*	160.0	45.5	24,700*	160.0	49.4	20,900*	170.0	47.8	16,100*	170.0	52.9	13,800*	190.0	46.4	8,100*	190.0	52.3	7,200*
140.0	**47.1**	**31,800**	**140.0**	**49.9**	**29,000***	**170.0**	**41.3**	**22,800***	**170.0**	**45.0**	**20,300***	**180.0**	**44.1**	**15,600***	**180.0**	**49.0**	**13,500***	**200.0**	**42.9**	**7,800***	**200.0**	**48.5**	**7,200***
150.0	42.7	28,500	150.0	45.3	27,100*	180.0	36.7	21,000	180.0	40.0	19,900*	190.0	40.1	15,200*	190.0	44.7	13,400*	210.0	39.1	7,400*	210.0	44.4	7,000*
160.0	**37.8**	**25,500**	**160.0**	**40.2**	**25,600**	**190.0**	**31.5**	**19,800**	**190.0**	**34.3**	**19,600***	**200.0**	**35.7**	**14,800***	**200.0**	**39.9**	**13,400***	**220.0**	**34.9**	**7,300***	**220.0**	**39.7**	**5,700**
170.0	32.3	23,000	170.0	34.9	23,500	192.5	30.0	19,800	196.1	30.0	19,400	210.0	30.8	14,500*	210.0	34.3	13,400*	230.0	30.1	6,800*	230.0	34.2	6,300
173.8	**30.0**	**22,400**	**175.1**	**30.0**	**21,800**							**211.2**	**30.0**	**14,300***	**216.2**	**30.0**	**13,400***	**230.3**	**30.0**	**6,800***	**236.2**	**30.0**	**6,100**
Reeves		**2**	**Reeves**		**2**	**Reeves**		**2**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**

160' Boom

40 ft Jib						60 ft Jib						80 ft Jib						100 ft Jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
46.3	80.0	58,400*				53.1	80.0	46,700*				60.0	80.0	26,600*				66.9	80.0	14,700*			
48.0	**79.5**	**57,900***				**55.0**	**79.5**	**46,200***				**65.0**	**78.8**	**26,000***				**70.0**	**79.3**	**14,500***			
50.0	79.0	57,300*				60.0	78.2	44,900*				70.0	77.6	25,400*				75.0	78.2	14,100*			
55.0	**77.5**	**55,900***	**58.3**	**80.0**	**42,300***	**65.0**	**76.9**	**43,500***				**75.0**	**76.3**	**24,700***				**80.0**	**77.0**	**13,700***			
60.0	76.0	54,600*	60.0	79.5	42,200*	70.0	75.5	42,300*	71.1	80.0	29,700*	80.0	75.1	24,100*	63.9	80.0	17,800*	85.0	75.9	13,200*			
65.0	**74.5**	**53,200***	**65.0**	**78.0**	**41,500***	**75.0**	**72.7**	**41,300***	**75.0**	**79.0**	**29,700***	**85.0**	**73.8**	**23,600***	**85.0**	**79.8**	**17,800***	**90.0**	**74.7**	**12,900***			
70.0	73.0	51,800*	70.0	76.5	40,800*	80.0	72.8	40,300*	80.0	77.6	29,600*	90.0	72.6	23,100*	90.0	78.5	17,500*	95.0	73.6	12,500*	97.1	80.0	9,200*
75.0	**71.5**	**50,300***	**75.0**	**74.9**	**39,900***	**85.0**	**71.4**	**39,300***	**85.0**	**76.1**	**29,300***	**95.0**	**71.3**	**22,500***	**95.0**	**77.2**	**17,200***	**100.0**	**72.4**	**12,200***	**100.0**	**79.3**	**9,200***
80.0	70.0	49,000*	80.0	73.4	38,700*	90.0	70.0	38,400*	90.0	74.7	28,800*	100.0	70.0	22,100*	100.0	75.8	16,800*	110.0	70.0	11,500*	110.0	76.6	9,000*
85.0	**68.5**	**47,700***	**85.0**	**71.8**	**37,500***	**95.0**	**68.6**	**37,600***	**95.0**	**73.2**	**28,300***	**110.0**	**67.4**	**21,000***	**110.0**	**73.1**	**16,300***	**120.0**	**67.6**	**10,900***	**120.0**	**74.3**	**8,700***
90.0	66.9	46,500*	90.0	70.2	36,500*	100.0	67.2	36,700*	100.0	71.8	27,700*	120.0	64.7	20,000*	120.0	70.4	15,800*	130.0	65.1	10,400*	130.0	71.7	8,400*
95.0	**65.3**	**45,400***	**95.0**	**68.6**	**35,600***	**110.0**	**64.3**	**35,000***	**110.0**	**68.8**	**26,200***	**130.0**	**62.0**	**19,200***	**130.0**	**67.5**	**15,200***	**140.0**	**62.6**	**10,000***	**140.0**	**69.1**	**8,300***
100.0	63.7	44,000	100.0	66.9	34,700*	120.0	61.3	33,200*	120.0	65.7	24,900*	140.0	59.1	18,500*	140.0	64.6	14,900*	150.0	60.0	9,500*	150.0	66.4	7,900*
110.0	**60.4**	**40,600**	**110.0**	**63.6**	**33,100***	**130.0**	**58.2**	**30,900***	**130.0**	**62.5**	**23,900***	**150.0**	**56.2**	**17,600***	**150.0**	**61.5**	**14,500***	**160.0**	**57.3**	**9,100***	**160.0**	**63.6**	**7,800***
120.0	57.0	36,500	120.0	60.1	31,700*	140.0	55.0	28,900*	140.0	59.2	22,900*	160.0	53.2	17,100*	160.0	58.3	14,200*	170.0	54.5	8,800*	170.0	60.7	7,500*
130.0	**53.5**	**35,500**	**130.0**	**56.4**	**30,500***	**150.0**	**51.6**	**27,200***	**150.0**	**55.7**	**22,100***	**170.0**	**50.0**	**16,500***	**170.0**	**55.0**	**13,900***	**180.0**	**51.6**	**8,500***	**180.0**	**57.6**	**7,400***
140.0	49.8	31,400	140.0	52.6	29,300*	160.0	48.1	24,900*	160.0	52.0	21,400*	180.0	46.6	15,900*	180.0	51.4	13,600*	190.0	48.6	8,100*	190.0	54.4	7,200*
150.0	**45.8**	**28,000**	**150.0**	**48.4**	**27,300**	**170.0**	**44.3**	**22,800**	**170.0**	**48.0**	**20,700***	**190.0**	**43.1**	**15,400***	**190.0**	**47.6**	**13,400***	**200.0**	**45.3**	**8,000***	**200.0**	**51.0**	**7,200***
160.0	41.5	25,100	160.0	44.0	25,700	180.0	40.3	21,300	180.0	43.7	20,100*	200.0	39.2	15,100*	200.0	43.4	13,400*	210.0	41.9	7,700*	210.0	47.3	7,000*
170.0	**36.8**	**22,600**	**170.0**	**39.0**	**23,000**	**190.0**	**35.8**	**19,400**	**190.0**	**38.9**	**19,800***	**210.0**	**34.9**	**14,700***	**210.0**	**38.8**	**13,400***	**220.0**	**38.2**	**7,500***	**220.0**	**43.2**	**6,900***
180.0	31.4	20,300	180.0	33.2	20,600	200.0	30.7	17,600	200.0	33.2	18,300*	220.0	30.1	14,300*	220.0	33.1	13,400*	230.0	34.1	7,400*	230.0	38.6	6,600
182.4	**30.0**	**19,800**	**185.0**	**30.0**	**19,600**	**201.4**	**30.0**	**17,400**	**205.0**	**30.0**	**17,100***	**220.1**	**30.0**	**14,300***	**225.0**	**30.0**	**13,400***	**238.8**	**30.0**	**6,800***	**240.0**	**33.1**	**6,200**
																					244.7	30.0	5,900
Reeves		**2**	**Reeves**		**2**	**Reeves**		**2**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**

Note: Designed and rated to comply with ANSI Code B30.5

Capacities based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.

Refer to notes P12 and P13

Fixed Jib Lifting Capacity (With 77 US t/39 US t Main Hook) Unit: lbs

Counterweight: 199,300 lbs, Carbody weight: 60,500 lbs

170' Boom

40 ft Jib						60 ft Jib						80 ft Jib						100 ft Jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
48.2	80.0	58,400*				55.1	80.0	46,700*				61.7	80.0	28,600*				68.6	80.0	14,900*			
50.0	**79.5**	**57,800***				**60.0**	**78.7**	**45,300***				**65.0**	**79.3**	**26,300***				**70.0**	**79.7**	**14,800***			
55.0	78.1	56,400*				65.0	77.4	44,000*				70.0	78.1	25,690*				75.0	78.6	14,200*			
60.0	**76.7**	**55,100***	**60.0**	**80.0**	**42,300***	**70.0**	**76.2**	**42,900***	**73.1**	**80.0**	**29,700***	**75.0**	**76.9**	**24,900***				**80.0**	**77.5**	**13,800***			
65.0	75.3	53,900*	65.0	78.6	41,700*	75.0	74.9	41,800*	75.0	79.5	29,700*	80.0	75.7	24,300*				85.0	76.4	13,400*			
70.0	**73.9**	**52,400***	**70.0**	**77.2**	**41,000***	**80.0**	**73.6**	**40,700***	**80.0**	**78.1**	**29,600***	**85.0**	**74.5**	**23,800***	**85.9**	**80.0**	**17,800***	**90.0**	**75.3**	**13,100***			
75.0	72.4	51,100*	75.0	75.7	40,300*	85.0	72.2	39,900*	85.0	76.8	29,300*	90.0	73.3	23,300*	90.0	79.0	17,500*	95.0	74.2	12,700*	98.7	80.0	9,200*
80.0	**71.0**	**49,900***	**80.0**	**74.2**	**39,300***	**90.0**	**70.9**	**38,900***	**90.0**	**75.4**	**29,000***	**95.0**	**72.1**	**22,800***	**95.0**	**77.7**	**17,300***	**100.0**	**73.1**	**12,400***	**100.0**	**79.7**	**9,200***
85.0	69.5	48,700*	85.0	72.7	38,200*	95.0	69.6	38,000*	95.0	74.0	28,600*	100.0	70.8	22,300*	100.0	76.5	17,000*	110.0	70.8	11,700*	110.0	77.4	9,200*
90.0	**68.1**	**47,700***	**90.0**	**71.2**	**37,100***	**100.0**	**68.2**	**37,200***	**100.0**	**72.7**	**28,100***	**110.0**	**68.4**	**21,300***	**110.0**	**73.9**	**16,400***	**120.0**	**68.5**	**11,100***	**120.0**	**75.0**	**8,900***
95.0	66.6	46,700*	95.0	69.7	36,200*	110.0	65.5	35,700*	110.0	69.8	26,600*	120.0	65.8	20,300*	120.0	71.3	15,900*	130.0	66.1	10,600*	130.0	72.5	8,600*
100.0	**65.1**	**45,300**	**100.0**	**68.2**	**35,400***	**120.0**	**62.7**	**34,200***	**120.0**	**66.9**	**25,500***	**130.0**	**63.2**	**19,500***	**130.0**	**68.5**	**15,400***	**140.0**	**63.7**	**10,200***	**140.0**	**70.0**	**8,300***
110.0	62.0	41,800	110.0	65.0	33,700*	130.0	59.8	32,000*	130.0	63.9	24,300*	140.0	60.5	18,800*	140.0	65.8	15,100*	150.0	61.2	9,700*	150.0	67.4	8,100*
120.0	**58.8**	**39,400**	**120.0**	**61.8**	**32,300***	**140.0**	**56.8**	**29,900***	**140.0**	**60.8**	**23,300***	**150.0**	**57.8**	**18,100***	**150.0**	**62.9**	**14,800***	**160.0**	**58.7**	**9,300***	**160.0**	**64.8**	**7,800***
130.0	55.5	34,900	130.0	58.4	31,200*	150.0	53.6	27,100*	150.0	57.6	22,500*	160.0	54.9	17,400*	160.0	60.0	14,400*	170.0	56.1	9,000*	170.0	62.0	7,700*
140.0	**52.1**	**30,900**	**140.0**	**54.8**	**29,500***	**160.0**	**50.4**	**24,800**	**160.0**	**54.2**	**21,700***	**170.0**	**52.0**	**16,700***	**170.0**	**56.9**	**14,100***	**180.0**	**53.3**	**8,700***	**180.0**	**59.2**	**7,400***
150.0	48.4	27,400	150.0	51.1	27,400	170.0	46.9	23,000	170.0	50.6	20,900*	180.0	48.9	16,300*	180.0	53.6	13,700*	190.0	50.5	8,300*	190.0	56.2	7,400*
160.0	**44.6**	**24,400**	**160.0**	**47.1**	**25,200**	**180.0**	**43.3**	**20,600**	**180.0**	**46.7**	**20,500***	**190.0**	**45.6**	**15,800***	**190.0**	**50.1**	**13,600***	**200.0**	**47.5**	**8,100***	**200.0**	**53.0**	**7,200***
170.0	40.4	21,700	170.0	42.7	22,400	190.0	39.3	18,700	190.0	42.5	20,000*	200.0	42.1	15,400*	200.0	46.4	13,400*	210.0	44.4	7,900*	210.0	49.7	7,200*
180.0	**35.8**	**19,700**	**180.0**	**37.8**	**20,100**	**200.0**	**34.9**	**16,700**	**200.0**	**37.7**	**17,800***	**210.0**	**38.3**	**14,900***	**210.0**	**42.3**	**13,200***	**220.0**	**41.0**	**7,700***	**220.0**	**46.1**	**7,000***
190.0	30.6	17,600	190.0	32.3	17,900	209.9	30.0	15,200	210.0	32.3	15,800	220.0	34.1	14,600*	220.0	37.6	13,200*	230.0	37.4	7,400*	230.0	42.1	7,000
191.2	**30.0**	**17,600**	**193.5**	**30.0**	**17,100**				**213.5**	**30.0**	**15,200**	**228.6**	**30.0**	**14,300***	**230.0**	**32.2**	**13,200***	**240.0**	**33.4**	**7,200***	**240.0**	**37.6**	**6,700**
															233.5	30.0	13,200*	247.3	30.0	6,600*	250.0	32.2	6,100
																					253.6	**30.0**	**5,900**
Reeves		2	Reeves		2	Reeves		2	Reeves		1	Reeves		1	Reeves		1	Reeves		1	Reeves		1

180' Boom

40 ft Jib						60 ft Jib						80 ft Jib						100 ft Jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
49.9	80.0	58,200*				56.8	80.0	46,500*				63.6	80.0	26,600*				70.5	80.0	14,900*			
50.0	**79.9**	**58,100***				**60.0**	**79.2**	**45,800***				**65.0**	**79.7**	**26,500***				**75.0**	**79.0**	**14,400***			
55.0	78.6	57,000*				65.0	78.0	44,600*				70.0	78.5	25,800*				80.0	78.0	14,000*			
60.0	**77.3**	**55,700***	**62.0**	**80.0**	**42,300***	**70.0**	**76.7**	**43,500***	**74.8**	**80.0**	**29,700***	**75.0**	**77.4**	**25,200***				**85.0**	**76.9**	**13,600***			
65.0	76.0	54,500*	65.0	79.2	41,900*	75.0	75.5	42,400*	75.0	79.9	29,700*	80.0	76.3	24,700*				90.0	75.8	13,300*			
70.0	**74.6**	**53,200***	**70.0**	**77.8**	**41,200***	**80.0**	**74.3**	**41,400***	**80.0**	**78.7**	**29,700***	**85.0**	**75.1**	**24,000***	**87.5**	**80.0**	**17,800***	**95.0**	**74.8**	**13,000***			
75.0	73.3	52,000*	75.0	76.4	40,600*	85.0	73.0	40,400*	85.0	77.4	29,500*	90.0	74.0	23,500*	90.0	79.4	17,700*	100.0	73.7	12,600*	100.3	80.0	9,400*
80.0	**71.9**	**50,800***	**80.0**	**75.0**	**39,800***	**90.0**	**71.7**	**39,500***	**90.0**	**76.1**	**29,200***	**95.0**	**72.8**	**23,000***	**95.0**	**78.2**	**17,400***	**110.0**	**71.5**	**12,000***	**110.0**	**77.9**	**9,300***
85.0	70.5	49,600*	85.0	73.6	38,800*	95.0	70.5	38,700*	95.0	74.8	28,700*	100.0	71.6	22,600*	100.0	77.0	17,000*	120.0	69.3	11,400*	120.0	75.6	8,900*
90.0	**69.1**	**48,600***	**90.0**	**72.2**	**37,800***	**100.0**	**69.2**	**37,800***	**100.0**	**73.4**	**28,200***	**110.0**	**69.2**	**21,700***	**110.0**	**74.6**	**16,500***	**130.0**	**67.0**	**10,800***	**130.0**	**73.2**	**8,600***
95.0	67.7	47,600*	95.0	70.7	36,800*	110.0	66.6	36,300*	110.0	70.8	27,100*	120.0	66.8	20,700*	120.0	72.1	16,000*	140.0	64.7	10,400*	140.0	70.8	8,300*
100.0	**66.3**	**46,200**	**100.0**	**69.3**	**35,800***	**120.0**	**63.9**	**35,000***	**120.0**	**68.0**	**25,800***	**130.0**	**64.4**	**19,900***	**130.0**	**69.5**	**15,600***	**150.0**	**62.4**	**9,900***	**150.0**	**68.4**	**8,100***
110.0	63.4	42,600	110.0	66.3	34,300*	130.0	61.2	33,100*	130.0	65.2	24,600*	140.0	61.6	19,200*	140.0	66.9	15,100*	160.0	60.0	9,600*	160.0	65.9	8,000*
120.0	**60.4**	**38,700**	**120.0**	**63.2**	**33,000***	**140.0**	**58.3**	**29,900**	**140.0**	**62.3**	**23,800***	**150.0**	**59.2**	**18,300***	**150.0**	**64.2**	**14,800***	**170.0**	**57.5**	**9,200***	**170.0**	**63.3**	**7,700***
130.0	57.3	34,200	130.0	60.1	31,600*	150.0	55.4	27,300	150.0	59.2	22,900*	160.0	56.5	17,900*	160.0	61.4	14,400*	180.0	54.9	8,900*	180.0	60.6	7,600*
140.0	**54.1**	**30,200**	**140.0**	**56.8**	**29,300**	**160.0**	**52.4**	**24,700**	**160.0**	**56.1**	**22,000***	**170.0**	**53.8**	**17,200***	**170.0**	**58.5**	**14,100***	**190.0**	**52.3**	**8,600***	**190.0**	**57.8**	**7,400***
150.0	50.8	26,700	150.0	53.3	27,400	170.0	49.2	22,200	170.0	52.8	21,400*	180.0	50.9	16,600*	180.0	55.5	14,000*	200.0	49.5	8,200*	200.0	54.9	7,200*
160.0	**47.2**	**23,900**	**160.0**	**49.7**	**24,400**	**180.0**	**45.8**	**19,900**	**180.0**	**49.3**	**20,800***	**190.0**	**47.8**	**16,100***	**190.0**	**52.3**	**13,500***	**210.0**	**46.6**	**8,100***	**210.0**	**51.8**	**7,200***
170.0	43.5	21,100	170.0	45.8	21,700	190.0	42.3	18,100	190.0	45.5	19,800*	200.0	44.8	15,700*	200.0	48.9	13,500*	220.0	43.5	7,800*	220.0	48.5	7,000*
180.0	**39.4**	**18,900**	**180.0**	**41.5**	**19,300**	**200.0**	**38.4**	**16,000**	**200.0**	**41.3**	**17,100***	**210.0**	**41.2**	**15,200***	**210.0**	**45.2**	**13,400***	**230.0**	**40.2**	**7,700***	**230.0**	**45.0**	**7,000***
190.0	35.0	17,000	190.0	36.8	17,200	210.0	34.1	14,500	210.0	36.8	15,400	220.0	37.5	14,800*	220.0	41.2	13,200*	240.0	36.6	7,400*	240.0	41.0	6,900*
199.8	**30.0**	**15,200**	**200.0**	**31.3**	**15,400**	**218.5**	**30.0**	**13,200**	**220.0**	**31.3**	**13,700**	**230.0**	**33.4**	**13,500***	**230.0**	**36.7**	**13,200***	**250.0**	**32.7**	**7,200***	**250.0**	**36.5**	**6,500**
			202.0	30.0	14,900				222.1	30.0	13,400	237.5	30.0	11,600*	240.0	31.3	12,300	256.2	30.0	7,000*	260.0	31.3	6,200
															242.1	**30.0**	**11,900**				**262.1**	**30.0**	**6,100**
Reeves		2	Reeves		2	Reeves		2	Reeves		1	Reeves		1	Reeves		1	Reeves		1	Reeves		1

Note: Designed and rated to comply with ANSI Code B30.5

Capacities based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.

Refer to notes P12 and P13.

LIFTING CAPACITY

Fixed Jib Lifting Capacity (With 77 US t/39 US t Main Hook) Unit: lbs

Counterweight: 199,300 lbs, Carbody weight: 60,500 lbs

190' Boom

40 ft Jib						60 ft Jib						80 ft Jib						100 ft Jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
51.5	80.0	58,400*				58.4	80.0	46,500*				65.3	80.0	26,600*				72.2	80.0	14,700*			
55.0	**79.1**	**57,500***				**60.0**	**79.6**	**46,200***				**70.0**	**79.0**	**26,000***				**75.0**	**79.4**	**14,500***			
60.0	77.9	56,200*	63.6	80.0	42,300*	65.0	78.5	45,100*				75.0	77.9	25,500*				80.0	78.4	14,200*			
65.0	**76.6**	**55,000***	**65.0**	**79.6**	**42,100***	**70.0**	**77.3**	**43,900***				**80.0**	**76.8**	**24,900***				**85.0**	**77.4**	**13,600***			
70.0	75.3	53,700*	70.0	78.3	41,500*	75.0	76.1	42,800*	76.4	80.0	29,700*	85.0	75.7	24,200*	89.2	80.0	17,800*	90.0	76.4	13,300*			
75.0	**74.0**	**52,400***	**75.0**	**77.0**	**40,900***	**80.0**	**74.9**	**41,800***	**80.0**	**79.1**	**29,700***	**90.0**	**74.6**	**23,700***	**90.0**	**79.9**	**17,700***	**95.0**	**75.3**	**13,000***			
80.0	72.7	51,300*	80.0	75.7	40,300*	85.0	73.7	40,800*	85.0	77.9	29,700*	95.0	73.5	23,300*	95.0	78.7	17,500*	100.0	74.3	12,600*	102.3	80.0	9,400*
85.0	**71.4**	**50,300***	**85.0**	**74.3**	**39,300***	**90.0**	**72.5**	**39,900***	**90.0**	**76.7**	**29,400***	**100.0**	**72.3**	**22,900***	**100.0**	**77.5**	**17,300***	**110.0**	**72.2**	**12,100***	**110.0**	**78.3**	**9,300***
90.0	70.1	49,300*	90.0	73.0	38,200*	95.0	71.3	39,100*	95.0	75.4	29,000*	110.0	70.1	21,900*	110.0	75.2	16,600*	120.0	70.1	11,500*	120.0	76.1	8,900*
95.0	**68.7**	**47,900***	**95.0**	**71.6**	**37,300***	**100.0**	**70.1**	**38,300***	**100.0**	**74.2**	**28,500***	**120.0**	**67.7**	**21,000***	**120.0**	**72.8**	**16,200***	**130.0**	**67.9**	**11,000***	**130.0**	**73.9**	**8,600***
100.0	67.4	46,300	100.0	70.3	36,500*	110.0	67.6	36,800*	110.0	71.6	27,500*	130.0	65.4	20,100*	130.0	70.4	15,700*	140.0	65.7	10,500*	140.0	71.6	8,500*
110.0	**64.6**	**43,300**	**110.0**	**67.4**	**34,800***	**120.0**	**65.0**	**35,400***	**120.0**	**69.0**	**26,200***	**140.0**	**63.0**	**19,400***	**140.0**	**67.9**	**15,300***	**150.0**	**63.4**	**10,100***	**150.0**	**69.3**	**8,100***
120.0	61.8	38,200	120.0	64.6	33,400*	130.0	62.4	34,100*	130.0	66.3	25,200*	150.0	60.5	18,800*	150.0	65.3	15,000*	160.0	61.1	9,600*	160.0	66.9	8,000*
130.0	**58.9**	**33,300**	**130.0**	**61.6**	**31,700***	**140.0**	**59.8**	**30,400**	**140.0**	**63.6**	**24,200***	**160.0**	**58.0**	**18,100***	**160.0**	**62.7**	**14,600***	**170.0**	**58.8**	**9,400***	**170.0**	**64.4**	**7,700***
140.0	55.9	29,300	140.0	58.5	29,300	150.0	57.0	27,300	150.0	60.7	23,200*	170.0	55.3	17,400*	170.0	60.0	14,300*	180.0	56.4	8,900*	180.0	61.9	7,700*
150.0	**52.8**	**25,800**	**150.0**	**55.3**	**26,900**	**160.0**	**54.2**	**24,200**	**160.0**	**57.8**	**22,500***	**180.0**	**52.6**	**17,000***	**180.0**	**57.1**	**14,000***	**190.0**	**53.8**	**8,600***	**190.0**	**59.3**	**7,500***
160.0	49.5	22,900	160.0	52.0	23,800	170.0	51.2	21,500	170.0	54.7	21,800*	190.0	49.6	16,500*	190.0	54.2	13,800*	200.0	51.2	8,400*	200.0	56.5	7,300*
170.0	**46.1**	**20,600**	**170.0**	**48.4**	**20,800**	**180.0**	**48.1**	**19,300**	**180.0**	**51.5**	**21,000***	**200.0**	**46.8**	**15,900***	**200.0**	**51.0**	**13,600***	**210.0**	**48.5**	**8,100***	**210.0**	**53.7**	**7,200***
180.0	42.4	18,200	180.0	44.6	18,700	190.0	44.8	17,200	190.0	48.0	16,800*	210.0	43.7	15,600*	210.0	47.7	13,400*	220.0	45.7	8,000*	220.0	50.6	7,200*
190.0	**38.5**	**16,100**	**190.0**	**40.5**	**16,500**	**200.0**	**41.3**	**15,400**	**200.0**	**44.3**	**16,500**	**220.0**	**40.3**	**14,600***	**220.0**	**44.1**	**13,300***	**230.0**	**42.7**	**7,700***	**230.0**	**47.4**	**7,000***
200.0	34.1	14,200	200.0	35.8	14,400	210.0	37.6	13,600	210.0	40.3	14,700	230.0	36.7	12,000	230.0	40.2	13,100*	240.0	39.4	7,500*	240.0	43.9	6,900*
208.3	**30.0**	**12,700**	**210.0**	**30.5**	**12,700**	**220.0**	**33.4**	**12,100**	**220.0**	**35.8**	**12,800**	**240.0**	**32.7**	**10,400**	**240.0**	**35.7**	**11,200***	**250.0**	**35.9**	**7,400***	**250.0**	**40.1**	**6,500**
			210.9	30.0	12,500	227.3	30.0	11,000	230.0	30.5	11,100	246.0	30.0	9,700	250.0	30.5	9,800	260.0	32.0	7,100*	260.0	35.7	6,300
									230.9	**30.0**	**11,000**				**250.9**	**30.0**	**9,700**	**264.7**	**30.0**	**6,800***	**270.0**	**30.5**	**6,000**
																					270.9	30.0	5,900
Reeves		**2**	**Reeves**		**2**	**Reeves**		**2**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**

200' Boom

40 ft Jib						60 ft Jib						80 ft Jib						100 ft Jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
53.5	80.0	58,400*				60.0	80.0	46,500*				66.9	80.0	26,600*				73.8	80.0	14,700*			
55.0	**79.6**	**58,000***				**65.0**	**78.9**	**45,500***				**70.0**	**79.4**	**26,200***				**75.0**	**79.8**	**14,600***			
60.0	78.4	56,600*				70.0	77.8	44,300*				75.0	78.3	25,700*				80.0	78.8	14,200*			
65.0	**77.2**	**55,400***	**65.2**	**80.0**	**42,300***	**75.0**	**76.7**	**43,300***	**78.0**	**80.0**	**29,700***	**80.0**	**77.3**	**25,100***				**85.0**	**77.8**	**13,900***			
70.0	75.9	54,400*	70.0	76.8	41,700*	80.0	75.5	42,300*	80.0	79.6	29,700*	85.0	76.2	24,500*				90.0	76.8	13,500*			
75.0	**74.7**	**53,200***	**75.0**	**77.6**	**41,100***	**85.0**	**74.4**	**41,400***	**85.0**	**78.4**	**29,700***	**90.0**	**75.1**	**24,100***	**91.2**	**80.0**	**17,800***	**95.0**	**75.8**	**13,200***			
80.0	73.5	51,900*	80.0	76.3	40,600*	90.0	73.2	40,400*	90.0	77.2	29,400*	95.0	74.1	23,700*	95.0	79.1	17,600*	100.0	74.8	12,900*	104.0	80.0	9,400*
85.0	**72.2**	**50,900***	**85.0**	**75.0**	**39,900***	**95.0**	**72.0**	**39,500***	**95.0**	**76.0**	**29,100***	**100.0**	**73.0**	**23,200***	**100.0**	**78.0**	**17,300***	**110.0**	**72.8**	**12,200***	**110.0**	**78.7**	**9,300***
90.0	70.9	49,900*	90.0	73.6	38,900*	100.0	70.9	38,600*	100.0	74.8	28,700*	110.0	70.8	22,200*	110.0	75.8	16,800*	120.0	70.8	11,700*	120.0	76.6	8,900*
95.0	**69.7**	**48,100***	**95.0**	**72.5**	**37,900***	**110.0**	**68.5**	**37,200***	**110.0**	**72.4**	**27,900***	**120.0**	**68.6**	**21,400***	**120.0**	**73.5**	**16,200***	**130.0**	**68.7**	**11,200***	**130.0**	**74.5**	**8,800***
100.0	68.4	46,100	100.0	71.1	36,900*	120.0	66.1	35,900*	120.0	69.9	26,700*	130.0	66.3	20,500*	130.0	71.2	15,900*	140.0	66.6	10,700*	140.0	72.3	8,500*
110.0	**65.8**	**43,000**	**110.0**	**68.5**	**35,400***	**130.0**	**63.6**	**34,700***	**130.0**	**67.4**	**25,500***	**140.0**	**64.0**	**19,800***	**140.0**	**68.8**	**15,500***	**150.0**	**64.4**	**10,300***	**150.0**	**70.1**	**8,300***
120.0	63.1	37,600	120.0	65.8	33,900*	140.0	61.1	30,100	140.0	64.8	24,500*	150.0	61.7	19,000*	150.0	66.4	15,000*	160.0	62.2	9,800*	160.0	67.8	8,000*
130.0	**60.4**	**33,100**	**130.0**	**63.0**	**31,600***	**150.0**	**58.5**	**26,700**	**150.0**	**62.1**	**23,600***	**160.0**	**59.3**	**18,400***	**160.0**	**63.9**	**14,600***	**170.0**	**60.0**	**9,400***	**170.0**	**65.4**	**7,900***
140.0	57.5	29,000	140.0	60.1	29,300	160.0	55.8	23,700	160.0	59.3	22,800*	170.0	56.8	17,800*	170.0	61.3	14,500*	180.0	57.7	9,100*	180.0	63.0	7,700*
150.0	**54.6**	**25,400**	**150.0**	**57.1**	**26,500**	**170.0**	**53.0**	**21,100**	**170.0**	**56.4**	**22,000***	**180.0**	**54.2**	**17,300***	**180.0**	**58.6**	**14,200***	**190.0**	**55.3**	**8,800***	**190.0**	**60.6**	**7,500***
160.0	51.6	22,600	160.0	54.0	23,400	180.0	50.1	18,800	180.0	53.4	21,000*	190.0	51.6	16,700*	190.0	55.8	13,800*	200.0	52.8	8,500*	200.0	58.0	7,300*
170.0	**48.4**	**20,000**	**170.0**	**50.7**	**20,600**	**190.0**	**47.1**	**16,800**	**190.0**	**50.3**	**18,100***	**200.0**	**48.8**	**16,300***	**200.0**	**52.9**	**13,700***	**210.0**	**50.3**	**8,300***	**210.0**	**55.3**	**7,200***
180.0	45.1	17,800	180.0	47.2	18,400	200.0	43.9	14,700	200.0	46.9	16,100	210.0	45.9	15,800*	210.0	49.9	13,600*	220.0	47.6	8,000*	220.0	52.5	7,200*
190.0	**41.5**	**15,700**	**190.0**	**43.5**	**16,300**	**210.0**	**40.5**	**13,000**	**210.0**	**43.3**	**14,500**	**220.0**	**42.8**	**13,800***	**220.0**	**46.6**	**13,400***	**230.0**	**44.8**	**7,900***	**230.0**	**49.5**	**7,000***
200.0	37.6	13,500	200.0	39.4	14,300	220.0	36.7	11,600	220.0	39.3	12,500	230.0	39.5	11,400	230.0	43.1	12,700*	240.0	41.8	7,700*	240.0	46.3	7,000*
210.0	**33.4**	**12,100**	**210.0**	**35.0**	**12,300**	**230.0**	**32.7**	**10,300**	**230.0**	**34.9**	**10,900**	**240.0**	**36.0**	**10,000**	**240.0**	**39.2**	**10,700**	**250.0**	**38.7**	**7,400***	**250.0**	**42.9**	**7,000***
217.1	30.0	11,000	219.4	30.0	10,800	235.8	30.0	9,400	239.5	30.0	9,700	250.0	32.0	9,100	250.0	34.9	9,400	260.0	35.2	7,300*	260.0	39.1	6,600
												254.5	**30.0**	**8,300**	**259.5**	**30.0**	**8,300**	**270.0**	**31.4**	**7,100***	**270.0**	**34.8**	**6,300**
																		273.6	30.0	6,600*	279.5	30.0	5,900
Reeves		**2**	**Reeves**		**2**	**Reeves**		**2**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**

Note: Designed and rated to comply with ANSI Code B30.5
Capacities based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.
Refer to notes P12 and P13.

Fixed Jib Lifting Capacity (With 77 US t/39 US t Main Hook)

Unit: lbs

Counterweight: 199,300 lbs, Carbody weight: 60,500 lbs

210' Boom

40 ft Jib						60 ft Jib						80 ft Jib						100 ft Jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
55.1	80.0	58,400*				62.0	80.0	46,500*				68.9	80.0	26,600*				75.5	80.0	14,700*			
60.0	**78.9**	**57,000***				**65.0**	**79.3**	**45,700***				**70.0**	**79.8**	**26,500***				**80.0**	**79.2**	**14,400***			
65.0	77.7	55,900*	67.2	80.0	42,300*	70.0	78.3	44,700*				75.0	78.7	25,900*				85.0	78.2	14,100*			
70.0	**76.5**	**54,800***	**70.0**	**79.3**	**41,900***	**75.0**	**77.2**	**43,700***				**80.0**	**77.7**	**25,400***				**90.0**	**77.3**	**13,700***			
75.0	75.2	53,800*	75.0	78.1	41,300*	80.0	76.1	42,700*	80.0	80.0	29,700*	85.0	76.7	24,900*				95.0	76.3	13,400*			
80.0	**74.1**	**52,800***	**80.0**	**76.9**	**40,800***	**85.0**	**75.0**	**41,900***	**85.0**	**78.9**	**29,700***	**90.0**	**75.7**	**24,400***	**92.8**	**80.0**	**17,800***	**100.0**	**75.3**	**13,100***	**105.6**	**80.0**	**9,400***
85.0	72.9	51,800*	85.0	75.7	40,300*	90.0	73.9	40,900*	90.0	77.7	29,600*	95.0	74.6	23,900*	95.0	79.5	17,600*	110.0	73.4	12,400*	110.0	79.1	9,300*
90.0	**71.7**	**51,000***	**90.0**	**74.4**	**39,300***	**95.0**	**72.7**	**40,100***	**95.0**	**76.6**	**29,300***	**100.0**	**73.6**	**23,400***	**100.0**	**78.5**	**17,300***	**120.0**	**71.4**	**11,800***	**120.0**	**77.1**	**9,100***
95.0	70.5	49,100	95.0	73.2	38,400*	100.0	71.6	39,400*	100.0	75.4	28,900*	110.0	71.5	22,500*	110.0	76.3	16,800*	130.0	69.4	11,300*	130.0	75.0	6,800*
100.0	**69.3**	**47,000**	**100.0**	**72.0**	**37,600***	**110.0**	**69.3**	**37,900***	**110.0**	**73.1**	**28,300***	**120.0**	**69.4**	**21,600***	**120.0**	**74.1**	**16,400***	**140.0**	**67.4**	**10,900***	**140.0**	**72.9**	**8,500***
110.0	66.6	42,700	110.0	69.4	35,900*	120.0	67.0	36,500*	120.0	70.7	27,000*	130.0	67.2	20,800*	130.0	71.9	15,900*	150.0	65.3	10,400*	150.0	70.8	8,400*
120.0	**64.3**	**37,000**	**120.0**	**66.8**	**34,500***	**130.0**	**64.7**	**34,100***	**130.0**	**68.3**	**25,900***	**140.0**	**65.0**	**20,100***	**140.0**	**69.6**	**15,500***	**160.0**	**63.2**	**10,000***	**160.0**	**68.6**	**8,100***
130.0	61.7	32,300	130.0	64.2	31,700	140.0	62.3	29,400	140.0	65.6	24,900*	150.0	62.8	19,400*	150.0	67.3	15,200*	170.0	61.1	9,700*	170.0	66.4	7,900*
140.0	**59.0**	**26,200**	**140.0**	**61.5**	**29,500**	**150.0**	**59.8**	**26,100**	**150.0**	**63.3**	**24,000***	**160.0**	**60.5**	**18,700***	**160.0**	**64.9**	**14,900***	**180.0**	**58.9**	**9,300***	**180.0**	**64.1**	**7,800***
150.0	56.3	24,700	150.0	58.6	25,900	160.0	57.3	23,100	160.0	60.7	23,100*	170.0	58.1	18,100*	170.0	62.5	14,500*	190.0	56.6	9,000*	190.0	61.7	7,500*
160.0	**53.4**	**21,800**	**160.0**	**55.7**	**22,900**	**170.0**	**54.6**	**20,400**	**170.0**	**58.0**	**22,500***	**180.0**	**55.7**	**17,500***	**180.0**	**60.0**	**14,300***	**200.0**	**54.3**	**8,700***	**200.0**	**59.3**	**7,400***
170.0	50.5	19,500	170.0	52.7	20,200	180.0	51.9	18,100	180.0	55.2	20,400*	190.0	53.2	16,900*	190.0	57.4	14,100*	210.0	51.9	8,500*	210.0	56.8	7,400*
180.0	**47.4**	**17,000**	**180.0**	**49.5**	**17,800**	**190.0**	**49.1**	**16,100**	**190.0**	**52.2**	**17,600***	**200.0**	**50.6**	**16,500***	**200.0**	**54.6**	**13,800***	**220.0**	**49.4**	**8,200***	**220.0**	**54.1**	**7,200***
190.0	44.1	15,000	190.0	46.1	15,700	200.0	46.1	14,200	200.0	49.1	15,500	210.0	47.9	14,900*	210.0	51.8	13,600*	230.0	46.7	7,900*	230.0	51.4	7,200*
200.0	**40.6**	**13,000**	**200.0**	**42.5**	**13,400**	**210.0**	**43.0**	**12,300**	**210.0**	**45.8**	**13,600**	**220.0**	**45.0**	**12,400**	**220.0**	**48.8**	**13,400***	**240.0**	**44.0**	**7,800***	**240.0**	**48.5**	**7,000***
210.0	36.8	11,200	210.0	38.5	11,800	220.0	39.6	10,800	220.0	42.3	11,800	230.0	42.0	10,700	230.0	45.6	12,200	250.0	41.1	7,600*	250.0	45.4	7,000*
220.0	**32.6**	**9,800**	**220.0**	**34.1**	**10,100**	**230.0**	**36.0**	**9,600**	**230.0**	**38.4**	**10,300**	**240.0**	**38.8**	**9,600**	**240.0**	**42.1**	**10,200**	**260.0**	**38.0**	**7,400***	**260.0**	**42.0**	**6,900***
225.7	30.0	9,000	226.3	30.0	9,000	240.0	32.0	8,400	240.0	34.1	8,900	250.0	35.3	8,400	250.0	38.3	8,900	270.0	34.6	7,400*	270.0	38.3	6,500
						244.7	**30.0**	**7,900**	**248.3**	**30.0**	**8,100**	**260.0**	**31.4**	**7,200**	**260.0**	**34.0**	**7,800**	**280.0**	**30.9**	**6,800***	**280.0**	**34.0**	**6,300**
												263.4	30.0	7,000	268.3	30.0	6,800	282.1	30.0	6,600*	288.0	30.0	5,700
Reeves		**2**	**Reeves**		**2**	**Reeves**		**2**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**

220' Boom

40 ft Jib						60 ft Jib						80 ft Jib						100 ft Jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
56.8	80.0	58,200*				63.6	80.0	46,500*				70.5	80.0	26,600*				77.4	80.0	14,700*			
60.0	**79.3**	**57,500***				**65.0**	**79.7**	**46,200***				**75.0**	**79.1**	**26,100***				**80.0**	**79.5**	**14,400***			
65.0	78.2	56,300*	68.8	80.0	42,100*	70.0	78.7	45,100*				80.0	78.1	25,600*				85.0	78.6	14,100*			
70.0	**77.0**	**55,300***	**70.0**	**79.7**	**42,000***	**75.0**	**77.6**	**44,100***				**85.0**	**77.2**	**24,900***				**90.0**	**77.7**	**13,700***			
75.0	75.9	54,300*	75.0	78.6	41,600*	80.0	76.6	43,200*	81.6	80.0	29,700*	90.0	76.2	24,500*	94.4	80.0	17,600*	95.0	76.7	13,400*			
80.0	**74.8**	**53,300***	**80.0**	**77.4**	**41,000***	**85.0**	**75.5**	**42,300***	**85.0**	**79.3**	**29,700***	**95.0**	**75.2**	**24,100***	**95.0**	**79.9**	**17,600***	**100.0**	**75.8**	**13,100***	**107.2**	**80.0**	**9,200***
85.0	73.6	52,500*	85.0	76.3	40,500*	90.0	74.4	41,300*	90.0	78.2	29,700*	100.0	74.2	23,600*	100.0	78.9	17,500*	110.0	73.9	12,600*	110.0	79.5	9,200*
90.0	**72.5**	**51,300***	**90.0**	**75.1**	**39,700***	**95.0**	**73.4**	**40,500***	**95.0**	**77.1**	**29,500***	**110.0**	**72.2**	**22,800***	**110.0**	**76.8**	**17,000***	**120.0**	**72.0**	**12,000***	**120.0**	**77.5**	**9,100***
95.0	71.3	49,200	95.0	73.9	38,900*	100.0	72.3	39,800*	100.0	76.0	29,100*	120.0	70.1	21,900*	120.0	74.7	16,400*	130.0	70.1	11,500*	130.0	75.6	8,800*
100.0	**70.1**	**46,800**	**100.0**	**72.7**	**38,000***	**110.0**	**70.1**	**38,300***	**110.0**	**73.8**	**28,400***	**130.0**	**68.0**	**21,000***	**130.0**	**72.6**	**16,100***	**140.0**	**68.1**	**11,000***	**140.0**	**73.5**	**8,500***
110.0	67.7	41,900	110.0	70.3	36,400*	120.0	67.9	37,000*	120.0	71.5	27,300*	140.0	65.9	20,300*	140.0	70.4	15,700*	150.0	66.2	10,600*	150.0	71.5	8,400*
120.0	**65.3**	**36,300**	**120.0**	**67.8**	**34,700***	**130.0**	**65.6**	**33,300***	**130.0**	**69.2**	**26,300***	**150.0**	**63.8**	**19,600***	**150.0**	**68.2**	**15,400***	**160.0**	**64.1**	**10,200***	**160.0**	**69.4**	**8,100***
130.0	62.9	31,600	130.0	65.3	32,000	140.0	63.3	28,900	140.0	66.8	25,300*	160.0	61.6	19,000*	160.0	65.9	15,100*	170.0	62.1	9,700*	170.0	67.3	7,900*
140.0	**60.3**	**27,500**	**140.0**	**62.7**	**28,900**	**150.0**	**61.0**	**25,400**	**150.0**	**64.4**	**24,300***	**170.0**	**59.3**	**18,300***	**170.0**	**63.6**	**14,700***	**180.0**	**60.0**	**9,400***	**180.0**	**63.9**	**7,800***
150.0	57.7	24,100	150.0	60.1	25,400	160.0	56.6	22,400	160.0	61.9	23,600*	180.0	57.0	17,800*	180.0	61.2	14,400*	190.0	57.8	9,200*	190.0	62.8	7,700*
150.0	**55.1**	**21,200**	**160.0**	**57.3**	**22,300**	**170.0**	**56.1**	**19,700**	**170.0**	**59.4**	**22,900***	**190.0**	**54.6**	**17,400***	**190.0**	**58.7**	**14,100***	**200.0**	**55.6**	**8,900***	**200.0**	**60.5**	**7,400***
170.0	52.3	18,600	170.0	54.5	19,300	180.0	53.5	17,300	180.0	56.7	19,400*	200.0	52.2	16,400*	200.0	56.2	14,000*	210.0	53.3	8,500*	210.0	58.1	7,400*
180.0	**49.4**	**16,300**	**180.0**	**51.5**	**17,200**	**190.0**	**50.9**	**15,400**	**190.0**	**54.0**	**17,000**	**210.0**	**49.6**	**13,800**	**210.0**	**53.5**	**13,600***	**220.0**	**50.9**	**8,300***	**220.0**	**55.6**	**7,200***
190.0	46.4	14,100	190.0	48.4	14,800	200.0	48.1	13,400	200.0	51.1	15,000	220.0	47.0	11,500	220.0	50.7	13,300*	230.0	48.5	8,100*	230.0	53.1	7,200*
200.0	**43.2**	**12,100**	**200.0**	**45.1**	**12,900**	**210.0**	**45.2**	**11,400**	**210.0**	**48.1**	**13,000**	**230.0**	**44.2**	**10,000**	**230.0**	**47.8**	**11,400**	**240.0**	**45.9**	**8,000***	**240.0**	**50.3**	**7,000***
210.0	39.8	10,700	210.0	41.5	11,000	220.0	42.1	10,300	220.0	44.8	11,200	240.0	41.2	8,700	240.0	44.6	9,800	250.0	43.2	7,700*	250.0	47.5	7,000*
220.0	**36.0**	**9,100**	**220.0**	**37.6**	**9,500**	**230.0**	**38.9**	**8,700**	**230.0**	**41.4**	**9,800**	**250.0**	**38.1**	**7,600**	**250.0**	**41.2**	**8,500**	**260.0**	**40.4**	**7,500***	**260.0**	**44.4**	**7,000***
230.0	32.0	7,900	230.0	33.3	8,100	240.0	35.3	7,500	240.0	37.6	8,500	260.0	34.6	6,700	260.0	37.5	7,300	270.0	37.3	7,300*	270.0	41.1	7,000*
234.5	**30.0**	**7,400**	**236.8**	**30.0**	**7,200**	**250.0**	**31.4**	**6,500**	**250.0**	**33.3**	**7,000**	**270.0**	**30.8**	**5,500**	**270.0**	**33.3**	**6,100**	**280.0**	**34.0**	**5,800***	**280.0**	**37.4**	**6,600**
						253.2	30.0	6,300	256.8	30.0	6,100	271.9	30.0	5,200	276.9	30.0	5,500	290.0	30.3	4,700*	290.0	33.3	5,300
																		290.6	30.0	4,600*	296.9	30.0	4,100
Reeves		**2**	**Reeves**		**2**	**Reeves**		**2**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**

Note: Designed and rated to comply with ANSI Code B30.5

Capacities based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.

Refer to notes P12 and P13.

LIFTING CAPACITY

Fixed Jib Lifting Capacity (With 77 US t/39 US t Main Hook) Unit: lbs

Counterweight: 199,300 lbs, Carbody weight: 60,500 lbs

230' Boom

40 ft Jib						60 ft Jib						80 ft Jib						100 ft Jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
58.7	80.0	58,200*				65.3	80.0	46,500*				72.2	80.0	26,400*				79.1	80.0	14,700*			
60.0	**79.7**	**57,900***				**70.0**	**79.1**	**45,600***				**75.0**	**79.5**	**25,100***				**80.0**	**79.8**	**14,700***			
65.0	78.6	56,800*				75.0	78.1	44,600*				80.0	78.5	25,600*				85.0	78.9	14,300*			
70.0	**77.5**	**55,700***	**70.5**	**80.0**	**42,100***	**80.0**	**77.0**	**43,600***	**83.3**	**80.0**	**29,700***	**85.0**	**77.6**	**25,100***				**90.0**	**78.1**	**14,000***			
75.0	76.4	54,700*	75.0	79.0	41,800*	85.0	76.0	42,600*	85.0	79.7	29,700*	90.0	76.6	24,600*				95.0	77.2	13,600*			
80.0	**75.3**	**53,800***	**80.0**	**77.9**	**41,300***	**90.0**	**75.0**	**41,700***	**90.0**	**78.6**	**29,700***	**95.0**	**75.7**	**24,100***	**96.4**	**80.0**	**17,800***	**100.0**	**76.3**	**13,300***	**109.2**	**80.0**	**9,400***
85.0	74.2	52,900*	85.0	76.8	40,800*	95.0	74.0	41,000*	95.0	77.6	29,500*	100.0	74.7	23,700*	100.0	79.3	17,500*	110.0	74.4	12,800*	110.0	79.8	9,400*
90.0	**73.1**	**51,900***	**90.0**	**75.7**	**40,100***	**100.0**	**72.9**	**40,200***	**100.0**	**76.5**	**29,200***	**110.0**	**72.8**	**22,800***	**110.0**	**77.3**	**17,000***	**120.0**	**72.6**	**12,200***	**120.0**	**78.0**	**9,100***
95.0	72.0	50,300	95.0	74.5	39,300*	110.0	70.8	38,700*	110.0	74.4	28,500*	120.0	70.8	22,100*	120.0	75.2	16,600*	130.0	70.7	11,700*	130.0	76.0	8,800*
100.0	**70.9**	**47,700**	**100.0**	**73.4**	**38,500***	**120.0**	**68.7**	**37,300***	**120.0**	**72.2**	**27,800***	**130.0**	**68.8**	**21,200***	**130.0**	**73.2**	**16,100***	**140.0**	**68.9**	**11,100***	**140.0**	**74.1**	**8,700***
110.0	68.6	41,200	110.0	71.1	36,800*	130.0	66.5	32,600	130.0	70.0	26,600*	140.0	66.8	20,500*	140.0	71.1	15,700*	150.0	66.9	10,800*	150.0	72.1	8,400*
120.0	**66.3**	**35,600**	**120.0**	**68.7**	**34,900**	**140.0**	**64.3**	**28,200**	**140.0**	**67.7**	**25,500***	**150.0**	**64.7**	**19,900***	**150.0**	**69.0**	**15,400***	**160.0**	**65.0**	**10,400***	**160.0**	**70.1**	**8,200***
130.0	64.0	30,900	130.0	66.3	32,100	150.0	62.1	24,700	150.0	65.4	24,700*	160.0	62.6	19,200*	160.0	66.8	15,100*	170.0	63.0	9,900*	170.0	68.1	8,100*
140.0	**61.5**	**26,900**	**140.0**	**63.9**	**28,100**	**160.0**	**59.8**	**21,800**	**160.0**	**63.1**	**23,800***	**170.0**	**60.4**	**18,500***	**170.0**	**64.6**	**14,700***	**180.0**	**61.0**	**9,600***	**180.0**	**66.0**	**7,800***
150.0	59.1	23,400	150.0	61.3	24,700	170.0	57.4	19,100	170.0	60.6	21,700*	180.0	58.2	18,100*	180.0	62.3	14,500*	190.0	58.9	9,200*	190.0	63.8	7,700*
160.0	**56.5**	**20,400**	**160.0**	**58.8**	**21,500**	**180.0**	**55.0**	**16,700**	**180.0**	**58.1**	**18,500***	**190.0**	**56.0**	**17,600***	**190.0**	**60.0**	**14,300***	**200.0**	**56.8**	**9,100***	**200.0**	**61.6**	**7,600***
170.0	53.9	17,900	170.0	56.1	18,900	190.0	52.5	14,800	190.0	55.5	16,500	200.0	53.6	15,400*	200.0	57.5	14,000*	210.0	54.6	8,800*	210.0	59.4	7,400*
180.0	**51.2**	**15,400**	**180.0**	**53.3**	**16,300**	**200.0**	**49.9**	**12,500**	**200.0**	**52.8**	**14,200**	**210.0**	**51.2**	**12,300**	**210.0**	**55.0**	**13,800***	**220.0**	**52.4**	**8,400***	**220.0**	**57.0**	**7,300***
190.0	48.4	13,400	190.0	50.4	13,900	210.0	47.2	10,700	210.0	50.0	12,300	220.0	48.7	10,600	220.0	52.4	12,900*	230.0	50.1	8,300*	230.0	54.6	7,200*
200.0	**45.4**	**11,400**	**200.0**	**47.3**	**12,000**	**220.0**	**44.4**	**9,400**	**220.0**	**47.1**	**10,600**	**230.0**	**46.1**	**9,400**	**230.0**	**49.7**	**10,500**	**240.0**	**47.7**	**8,000***	**240.0**	**52.0**	**7,200***
210.0	42.3	9,600	210.0	44.1	10,300	230.0	41.4	8,100	230.0	43.9	9,200	240.0	43.4	8,000	240.0	46.8	9,000	250.0	45.1	7,900*	250.0	49.4	7,000*
220.0	**38.9**	**8,500**	**220.0**	**40.6**	**8,800**	**240.0**	**38.1**	**6,700**	**240.0**	**40.5**	**7,700**	**250.0**	**40.5**	**6,900**	**250.0**	**43.7**	**7,500**	**260.0**	**42.5**	**7,500***	**260.0**	**46.5**	**7,000***
230.0	35.3	7,200	230.0	36.8	7,200	250.0	34.6	5,600	250.0	36.8	6,500	260.0	37.4	5,900	260.0	40.4	6,500	270.0	39.7	6,200*	270.0	43.5	7,000*
240.0	**31.3**	**6,000**	**240.0**	**32.6**	**6,200**	**260.0**	**30.8**	**4,800**	**260.0**	**32.6**	**5,500**	**270.0**	**34.0**	**4,900**	**270.0**	**36.7**	**5,600**	**280.0**	**36.7**	**4,600***	**280.0**	**40.3**	**6,300**
243.1	30.0	5,700	245.4	30.0	5,500	261.8	30.0	4,600	265.4	30.0	4,600	280.0	30.3	4,000	280.0	32.6	4,500	290.0	33.4	4,100	290.0	36.7	4,700
												280.8	**30.0**	**3,900**	**285.4**	**30.0**	**3,700**	**299.5**	**30.0**	**3,000**	**300.0**	**32.5**	**3,700**
																					305.4	30.0	3,000
Reeves		**2**	**Reeves**		**2**	**Reeves**		**2**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**

240' Boom

40 ft Jib						60 ft Jib						80 ft Jib						100 ft Jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
60.4	80.0	58,200*				67.3	80.0	46,500*				73.8	80.0	26,600*				80.7	80.0	14,700*			
65.0	**79.0**	**57,200***				**70.0**	**79.4**	**45,900***				**75.0**	**79.8**	**26,500***				**85.0**	**79.3**	**14,300***			
70.0	78.0	56,200*	72.1	80.0	42,100*	75.0	78.5	44,800*				80.0	78.9	25,800*				90.0	78.4	14,000*			
75.0	**76.9**	**55,200***	**75.0**	**79.4**	**41,800***	**80.0**	**77.5**	**43,800***				**85.0**	**78.0**	**25,300***				**95.0**	**77.5**	**13,700***			
80.0	75.8	54,200*	80.0	78.4	41,300*	85.0	76.5	43,000*	85.3	80.0	29,700*	90.0	77.1	24,800*				100.0	76.7	13,500*			
85.0	**74.8**	**53,400***	**85.0**	**77.3**	**41,000***	**90.0**	**75.5**	**42,200***	**90.0**	**79.0**	**29,700***	**95.0**	**76.1**	**24,400***	**98.0**	**80.0**	**17,800***	**110.0**	**74.9**	**12,800***	**110.8**	**80.0**	**9,400***
90.0	73.8	52,400*	90.0	76.2	40,500*	95.0	74.5	41,300*	95.0	78.0	29,600*	100.0	75.2	24,000*	100.0	79.6	17,500*	120.0	73.1	12,200*	120.0	78.3	9,100*
95.0	**72.7**	**50,000**	**95.0**	**75.1**	**39,800***	**100.0**	**73.5**	**40,500***	**100.0**	**77.0**	**29,400***	**110.0**	**73.3**	**23,200***	**110.0**	**77.7**	**17,200***	**130.0**	**71.3**	**11,700***	**130.0**	**76.5**	**9,000***
100.0	71.6	46,700	100.0	74.0	38,900*	110.0	71.5	39,200*	110.0	74.9	28,700*	120.0	71.4	22,300*	120.0	75.7	16,600*	140.0	69.5	11,300*	140.0	74.6	8,700*
110.0	**69.4**	**40,500**	**110.0**	**71.8**	**37,200***	**120.0**	**69.5**	**37,300***	**120.0**	**72.8**	**28,000***	**130.0**	**69.5**	**21,600***	**130.0**	**73.8**	**16,300***	**150.0**	**67.7**	**10,800***	**150.0**	**72.7**	**8,400***
120.0	67.2	35,200	120.0	69.5	35,000	130.0	67.4	32,000	130.0	70.7	27,000*	140.0	67.5	21,000*	140.0	71.8	16,000*	160.0	65.8	10,400*	160.0	70.8	8,200*
130.0	**65.0**	**30,500**	**130.0**	**67.3**	**31,800**	**140.0**	**65.3**	**27,800**	**140.0**	**68.6**	**26,000***	**150.0**	**65.6**	**20,300***	**150.0**	**69.7**	**15,600***	**170.0**	**63.9**	**10,100***	**170.0**	**68.8**	**8,100***
140.0	62.7	26,500	140.0	64.9	28,000	150.0	63.1	24,300	150.0	66.3	25,000*	160.0	63.5	19,600*	160.0	67.6	15,300*	180.0	62.0	9,800*	180.0	66.8	7,900*
150.0	**60.3**	**23,000**	**150.0**	**62.5**	**24,100**	**160.0**	**60.9**	**21,200**	**160.0**	**64.1**	**24,300***	**170.0**	**61.5**	**19,000***	**170.0**	**65.5**	**15,000***	**190.0**	**60.0**	**9,400***	**190.0**	**64.7**	**7,700***
160.0	57.9	20,000	160.0	60.1	21,200	170.0	58.7	18,400	170.0	61.8	21,000*	180.0	59.4	18,400*	180.0	63.3	14,600*	200.0	57.9	9,100*	200.0	62.6	7,600*
170.0	**55.4**	**17,500**	**170.0**	**57.5**	**18,400**	**180.0**	**56.4**	**16,100**	**180.0**	**59.4**	**18,100**	**190.0**	**57.2**	**17,200***	**190.0**	**61.1**	**14,300***	**210.0**	**55.9**	**8,800***	**210.0**	**60.5**	**7,400***
180.0	52.9	14,800	180.0	54.9	15,900	190.0	54.0	14,100	190.0	57.0	15,900	200.0	55.0	14,300*	200.0	58.8	14,200*	220.0	53.7	8,700*	220.0	58.3	7,300*
190.0	**50.2**	**12,800**	**190.0**	**52.2**	**13,700**	**200.0**	**51.5**	**12,000**	**200.0**	**54.4**	**13,900**	**210.0**	**52.7**	**11,800**	**210.0**	**56.4**	**13,800***	**230.0**	**51.5**	**8,300***	**230.0**	**56.0**	**7,200***
200.0	47.4	10,900	200.0	49.3	11,500	210.0	49.0	10,300	210.0	51.8	11,800	220.0	50.3	10,200	220.0	54.0	12,400*	240.0	49.2	8,200*	240.0	53.6	7,200*
210.0	**44.6**	**9,200**	**210.0**	**46.4**	**10,100**	**220.0**	**46.3**	**9,000**	**220.0**	**49.0**	**10,100**	**230.0**	**47.9**	**8,900**	**230.0**	**51.4**	**10,000**	**250.0**	**46.9**	**7,900***	**250.0**	**51.1**	**7,000***
220.0	41.5	8,000	220.0	43.2	8,300	230.0	43.6	7,600	230.0	46.1	8,700	240.0	45.3	7,700	240.0	48.7	8,700	260.0	44.4	7,100*	260.0	48.4	7,000*
230.0	**38.2**	**6,700**	**230.0**	**39.8**	**6,900**	**240.0**	**40.6**	**6,300**	**240.0**	**43.0**	**7,400**	**250.0**	**42.6**	**6,500**	**250.0**	**45.9**	**7,600**	**270.0**	**41.8**	**5,700***	**270.0**	**45.7**	**6,900***
240.0	34.6	5,500	240.0	36.0	5,400	250.0	37.4	5,200	250.0	39.7	6,000	260.0	39.8	5,500	260.0	42.8	6,200	280.0	39.0	4,100	280.0	42.7	5,800
250.0	**30.7**	**4,100**	**250.0**	**31.9**	**4,300**	**260.0**	**34.0**	**4,300**	**260.0**	**36.0**	**5,000**	**270.0**	**36.7**	**4,500**	**270.0**	**39.6**	**5,100**	**290.0**	**36.1**	**3,300**	**290.0**	**39.5**	**4,000**
251.6	30.0	3,900	254.2	30.0	4,100	270.0	30.2	3,100	270.0	31.9	3,800	280.0	33.4	3,600	280.0	36.0	4,100	295.2	34.4	2,800	300.0	35.9	3,200
						270.6	**30.0**	**3,000**	**274.2**	**30.0**	**3,500**	**289.3**	**30.0**	**2,800**	**290.0**	**31.9**	**3,100**				**301.8**	**35.2**	**3,000**
															294.2	30.0	2,600						
Reeves		**2**	**Reeves**		**2**	**Reeves**		**2**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**

Note: Designed and rated to comply with ANSI Code B30.5

Capacities based on factors other than machine stability such as structural competence are shown by asterisk * in the charts. Refer to notes P12 and P13.

Fixed Jib Lifting Capacity (With 77 US t/39 US t Main Hook)

Unit: lbs

Counterweight: 199,300 lbs, Carbody weight: 60,500 lbs

250' Boom

40 ft Jib						60 ft Jib						80 ft Jib						100 ft Jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
62.0	80.0	58,200*				68.9	80.0	46,500*				75.8	80.0	26,400*				82.7	80.0	14,700*			
65.0	**79.4**	**57,600***				**70.0**	**79.8**	**46,200***				**80.0**	**79.2**	**25,100***				**85.0**	**79.5**	**14,500***			
70.0	79.4	56,600*	74.1	80.0	42,100*	75.0	78.8	45,200*				85.0	78.3	25,600*				90.0	78.8	14,200*			
75.0	**77.4**	**55,600***	**75.0**	**79.8**	**42,000***	**80.0**	**77.9**	**44,300***				**90.0**	**77.5**	**25,000***				**95.0**	**77.9**	**13,800***			
80.0	76.4	54,600*	80.0	78.8	41,500*	85.0	76.9	43,400*	86.9	80.0	29,700*	95.0	76.6	24,700*	99.7	80.0	17,600*	100.0	77.1	13,500*			
85.0	**75.4**	**53,800***	**85.0**	**77.7**	**41,200***	**90.0**	**76.0**	**42,600***	**90.0**	**79.4**	**29,700***	**100.0**	**75.7**	**24,300***	**100.0**	**79.9**	**17,600***	**110.0**	**75.4**	**13,000***	**112.5**	**80.0**	**9,400***
90.0	74.3	52,300*	90.0	76.7	40,700*	95.0	75.0	41,800*	95.0	78.4	29,600*	110.0	73.8	23,400*	110.0	78.1	17,200*	120.0	73.6	12,500*	120.0	78.7	9,200*
95.0	**73.3**	**48,900**	**95.0**	**75.7**	**40,100***	**100.0**	**74.1**	**41,000***	**100.0**	**77.4**	**29,400***	**120.0**	**72.0**	**22,500***	**120.0**	**76.2**	**16,800***	**130.0**	**71.9**	**11,900***	**130.0**	**76.9**	**9,000***
100.0	72.3	44,900	100.0	74.6	39,400*	110.0	72.1	39,800*	110.0	75.4	28,900*	130.0	70.1	21,900*	130.0	74.3	16,300*	140.0	70.1	11,500*	140.0	75.1	8,700*
110.0	**70.2**	**39,100**	**110.0**	**72.5**	**37,700***	**120.0**	**70.2**	**37,100***	**120.0**	**73.4**	**28,300***	**140.0**	**68.3**	**21,200***	**140.0**	**72.4**	**16,000***	**150.0**	**68.4**	**11,000***	**150.0**	**73.3**	**8,500***
120.0	68.0	34,500	120.0	70.3	34,800	130.0	68.2	31,200	130.0	71.4	27,200*	150.0	66.4	20,500*	150.0	70.4	15,600*	160.0	66.5	10,700*	160.0	71.4	8,300*
130.0	**65.9**	**29,800**	**130.0**	**68.1**	**31,600**	**140.0**	**66.1**	**27,300**	**140.0**	**69.3**	**26,200***	**160.0**	**64.4**	**19,800***	**160.0**	**68.4**	**15,300***	**170.0**	**64.7**	**10,300***	**170.0**	**69.5**	**8,100***
140.0	63.7	26,000	140.0	65.9	27,400	150.0	64.1	23,600	150.0	67.2	25,400*	170.0	62.4	19,200*	170.0	66.4	15,000*	180.0	62.8	9,800*	180.0	67.6	8,000*
150.0	**61.4**	**22,500**	**150.0**	**63.5**	**23,700**	**160.0**	**62.0**	**20,700**	**160.0**	**65.1**	**23,800***	**180.0**	**60.4**	**18,400***	**180.0**	**64.3**	**14,700***	**190.0**	**60.9**	**9,700***	**190.0**	**65.6**	**7,700***
160.0	59.1	19,500	160.0	61.2	20,700	170.0	59.8	18,000	170.0	62.8	20,200*	190.0	58.4	16,300*	190.0	62.2	14,500*	200.0	59.0	9,300*	200.0	63.8	7,700*
170.0	**56.8**	**16,600**	**170.0**	**58.8**	**17,800**	**180.0**	**57.6**	**15,600**	**180.0**	**60.6**	**17,800**	**200.0**	**56.2**	**13,100**	**200.0**	**60.0**	**14,200***	**210.0**	**57.0**	**9,000***	**210.0**	**61.5**	**7,400***
180.0	54.4	14,100	180.0	56.4	15,300	190.0	55.4	13,500	190.0	58.3	15,200	210.0	54.1	11,200	210.0	57.7	14,100*	220.0	55.0	8,700*	220.0	59.4	7,300*
190.0	**51.9**	**12,100**	**190.0**	**53.8**	**13,000**	**200.0**	**53.0**	**11,400**	**200.0**	**55.9**	**13,200**	**220.0**	**51.8**	**9,500**	**220.0**	**55.4**	**11,500**	**230.0**	**52.9**	**8,500***	**230.0**	**57.2**	**7,200***
200.0	49.3	10,400	200.0	51.1	11,100	210.0	50.6	9,600	210.0	53.4	11,400	230.0	49.5	8,300	230.0	53.0	9,600	240.0	50.7	8,200*	240.0	54.9	7,200*
210.0	**46.6**	**8,800**	**210.0**	**48.4**	**9,400**	**220.0**	**48.1**	**8,300**	**220.0**	**50.8**	**9,700**	**240.0**	**47.1**	**7,100**	**240.0**	**50.5**	**8,200**	**250.0**	**48.5**	**7,800***	**250.0**	**52.6**	**7,200***
220.0	43.7	7,300	220.0	45.4	7,700	230.0	45.5	6,700	230.0	48.1	8,300	250.0	44.6	5,800	250.0	47.8	6,700	260.0	46.1	6,100*	260.0	50.1	7,000*
230.0	**40.7**	**5,900**	**230.0**	**42.3**	**6,300**	**240.0**	**42.8**	**5,600**	**240.0**	**45.2**	**6,800**	**260.0**	**41.9**	**4,800**	**260.0**	**45.0**	**5,600**	**270.0**	**43.7**	**4,700**	**270.0**	**47.6**	**6,800***
240.0	37.5	4,700	240.0	39.0	5,100	250.0	39.9	4,700	250.0	42.2	5,600	270.0	39.1	3,800	270.0	42.0	4,700	280.0	41.1	3,800	280.0	44.8	5,000*
250.0	**34.0**	**3,600**	**250.0**	**35.3**	**3,900**	**260.0**	**36.8**	**3,700**	**260.0**	**38.9**	**4,500**	**280.0**	**36.1**	**3,000**	**280.0**	**38.8**	**3,500**	**288.7**	**38.8**	**3,000**	**290.0**	**41.9**	**3,800**
260.0	30.2	2,600	260.0	31.2	3,000	269.0	33.8	2,600	270.0	35.3	3,400	282.1	35.4	2,800	288.7	35.8	2,800				300.0	38.7	2,900
260.4	**30.0**	**2,600**	**262.7**	**30.0**	**2,600**				**275.5**	**33.1**	**2,800**										**301.8**	**38.1**	**2,800**
Reeves		**2**	**Reeves**		**2**	**Reeves**		**2**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**

Note: Designed and rated to comply with ANSI Code B30.5

Capacities based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.

Refer to notes P12 and P13.

LIFTING CAPACITY

Fixed Jib Lifting Capacity (With 165 US t/110 US t Main Hook)

Unit: lbs

Counterweight: 199,300 lbs, Carbody weight: 60,500 lbs

90' Boom

40 ft Jib						60 ft Jib						80 ft Jib						100 ft Jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
34.1	80.0	59,500*				41.0	80.0	46,700*				47.9	80.0	26,600*				54.8	80.0	14,900*			
36.0	**79.2**	**58,300***				**42.0**	**79.6**	**46,300***				**48.0**	**79.9**	**25,500***				**55.0**	**79.9**	**14,900***			
38.0	78.3	57,000*				44.0	78.9	45,600*				50.0	79.3	26,300*				60.0	78.4	14,200*			
40.0	**77.4**	**55,900***				**46.0**	**78.1**	**44,900***				**55.0**	**77.5**	**25,500***				**65.0**	**76.8**	**13,700***			
42.0	76.5	55,100*				48.0	77.3	44,200*				60.0	75.8	24,500*				70.0	75.2	13,200*			
44.0	**75.6**	**54,300***				**50.0**	**76.5**	**43,400***				**55.0**	**74.0**	**23,600***				**75.0**	**73.6**	**12,700***			
46.0	74.7	53,500*	46.2	80.0	42,500*	55.0	74.5	41,700*	59.0	80.0	29,700*	70.0	72.2	23,000*	71.8	80.0	18,000*	80.0	72.0	12,200*	84.9	80.0	9,700*
48.0	**73.8**	**52,600***	**48.0**	**79.2**	**42,100***	**60.0**	**72.5**	**40,200***	**60.0**	**79.6**	**29,700***	**75.0**	**70.4**	**22,300***	**75.0**	**78.9**	**17,700***	**85.0**	**70.4**	**11,700***	**85.0**	**79.9**	**9,700***
50.0	72.8	51,700*	50.0	78.2	41,700*	65.0	70.4	38,700*	65.0	77.5	29,700*	80.0	68.5	21,600*	80.0	76.9	17,200*	90.0	68.7	11,300*	90.0	78.2	9,300*
55.0	**70.5**	**49,600***	**55.0**	**75.8**	**40,500***	**70.0**	**68.4**	**37,500***	**70.0**	**75.4**	**29,100***	**85.0**	**66.7**	**20,700***	**85.0**	**75.0**	**16,700***	**95.0**	**67.0**	**11,000***	**95.0**	**76.5**	**9,100***
60.0	68.1	47,700*	60.0	73.4	39,100*	75.0	66.2	36,300*	75.0	73.2	28,400*	90.0	64.8	20,200*	90.0	73.0	16,400*	100.0	65.3	10,600*	100.0	74.7	8,900*
65.0	**65.7**	**45,800***	**65.0**	**70.9**	**37,200***	**80.0**	**64.1**	**35,100***	**80.0**	**70.9**	**27,500***	**95.0**	**62.8**	**19,600***	**95.0**	**71.0**	**15,100***	**110.0**	**61.8**	**10,000***	**110.0**	**71.0**	**8,400***
70.0	63.2	44,300*	70.0	68.3	35,700*	85.0	61.9	34,000*	85.0	68.6	26,500*	100.0	60.8	19,000*	100.0	68.9	15,700*	120.0	58.1	9,400*	120.0	67.2	8,100*
75.0	**60.7**	**42,700***	**75.0**	**65.7**	**34,300***	**90.0**	**59.6**	**32,200***	**90.0**	**66.3**	**25,500***	**110.0**	**56.7**	**18,000***	**110.0**	**64.6**	**15,000***	**130.0**	**54.2**	**8,900***	**130.0**	**63.1**	**7,900***
80.0	58.1	41,300*	80.0	62.9	33,200*	95.0	57.3	30,500*	95.0	63.8	24,600*	120.0	52.3	17,000*	120.0	59.9	14,400*	140.0	50.1	8,500*	140.0	58.7	7,600*
85.0	**55.4**	**39,900***	**85.0**	**60.1**	**32,000***	**100.0**	**54.9**	**29,100***	**100.0**	**61.3**	**23,700***	**130.0**	**47.6**	**16,200***	**130.0**	**54.9**	**13,900***	**150.0**	**45.7**	**8,100***	**150.0**	**54.0**	**7,300***
90.0	52.5	38,600*	90.0	57.2	31,000*	110.0	49.8	26,500*	110.0	56.0	22,200*	140.0	42.4	15,500*	140.0	49.3	13,600*	160.0	40.8	7,800*	160.0	48.7	7,200*
95.0	**49.6**	**37,500***	**95.0**	**54.1**	**30,100***	**120.0**	**44.3**	**24,500***	**120.0**	**50.0**	**21,100***	**150.0**	**36.6**	**15,000***	**150.0**	**42.8**	**13,400***	**170.0**	**35.3**	**7,300***	**170.0**	**42.5**	**7,000***
100.0	46.5	36,400*	100.0	50.9	29,300*	130.0	38.0	22,800*	130.0	43.2	20,300*	159.4	30.0	14,500*	160.0	34.4	13,400*	178.1	30.0	6,900*	180.0	34.4	6,500
110.0	**39.8**	**34,400***	**110.0**	**43.6**	**28,100***	**140.0**	**30.6**	**21,400***	**140.0**	**34.5**	**19,700***				**164.3**	**30.0**	**13,400***				**184.3**	**30.0**	**6,100**
120.0	31.7	32,300*	120.0	34.7	27,400*	140.7	30.0	21,300*	144.3	30.0	19,600*												
121.7	**30.0**	**31,900***	**124.3**	**30.0**	**27,300***																		
Reeves		**2**	**Reeves**		**2**	**Reeves**		**2**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**

100' Boom

40 ft Jib						60 ft Jib						80 ft Jib						100 ft Jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
36.1	80.0	58,200*				43.0	80.0	46,700*				49.5	80.0	26,600*				56.4	80.0	14,900*			
38.0	**79.2**	**57,500***				**44.0**	**79.6**	**46,300***				**50.0**	**79.9**	**26,600***				**60.0**	**79.0**	**14,400***			
40.0	78.3	56,800*				46.0	78.6	45,600*				55.0	78.3	25,600*				65.0	77.5	13,900*			
42.0	**77.5**	**56,000***				**48.0**	**78.1**	**44,900***				**50.0**	**76.6**	**24,900***				**70.0**	**76.0**	**13,400***			
44.0	76.7	55,200*				50.0	77.4	44,200*				65.0	74.9	24,100*				75.0	74.5	12,900*			
46.0	**75.8**	**54,400***	**47.9**	**80.0**	**42,500***	**55.0**	**75.5**	**42,600***				**70.0**	**73.2**	**23,400***	**73.8**	**80.0**	**18,000***	**80.0**	**72.9**	**12,400***			
48.0	75.0	53,700*	48.0	79.9	42,500*	60.0	73.6	41,100*	61.0	80.0	29,700*	75.0	71.5	22,700*	75.0	79.5	17,900*	85.0	71.4	12,100*	86.6	80.0	9,700*
50.0	**74.1**	**53,000***	**50.0**	**79.1**	**42,100***	**65.0**	**71.7**	**39,600***	**65.0**	**78.4**	**29,700***	**80.0**	**69.8**	**22,000***	**80.0**	**77.8**	**17,500***	**90.0**	**69.8**	**11,600***	**90.0**	**78.9**	**9,500***
55.0	71.9	51,400*	55.0	76.9	41,100*	70.0	69.8	38,400*	70.0	76.4	29,300*	85.0	68.1	21,400*	85.0	75.9	17,000*	95.0	68.3	11,200*	95.0	77.2	9,200*
60.0	**69.8**	**49,700***	**60.0**	**74.7**	**40,000***	**75.0**	**67.8**	**37,200***	**75.0**	**74.4**	**28,800***	**90.0**	**66.3**	**20,700***	**90.0**	**74.1**	**16,600***	**100.0**	**66.6**	**10,900***	**100.0**	**75.6**	**8,900***
65.0	67.6	48,400*	65.0	72.4	38,300*	80.0	65.9	36,100*	80.0	72.3	28,100*	95.0	64.5	20,000*	95.0	72.2	16,300*	110.0	63.4	10,200*	110.0	72.1	8,600*
70.0	**65.3**	**46,900***	**70.0**	**70.1**	**36,800***	**85.0**	**63.8**	**35,100***	**85.0**	**70.2**	**27,100***	**100.0**	**62.6**	**19,400***	**100.0**	**70.3**	**15,900***	**120.0**	**60.0**	**9,600***	**120.0**	**68.6**	**8,300***
75.0	63.0	45,500*	75.0	67.7	35,300*	90.0	61.8	33,700*	90.0	68.0	26,100*	110.0	58.8	18,400*	110.0	66.3	15,300*	130.0	56.4	9,100*	130.0	64.8	7,900*
80.0	**60.6**	**44,200***	**80.0**	**65.2**	**34,000***	**95.0**	**59.6**	**32,200***	**95.0**	**65.8**	**25,200***	**120.0**	**54.9**	**17,500***	**120.0**	**62.1**	**14,700***	**140.0**	**52.7**	**8,700***	**140.0**	**60.9**	**7,700***
85.0	58.2	43,000*	85.0	62.7	32,900*	100.0	57.5	30,600*	100.0	63.6	24,400*	130.0	50.6	16,800*	130.0	57.7	14,100*	150.0	48.7	8,400*	150.0	56.7	7,500*
90.0	**55.7**	**41,700***	**90.0**	**60.1**	**32,000***	**110.0**	**52.9**	**27,900***	**110.0**	**58.8**	**22,900***	**140.0**	**46.1**	**15,900***	**140.0**	**52.8**	**13,800***	**160.0**	**44.4**	**8,000***	**160.0**	**52.0**	**7,200***
95.0	53.1	40,300*	95.0	57.4	31,100*	120.0	48.0	25,800*	120.0	53.6	21,800*	150.0	41.1	15,400*	150.0	47.4	13,400*	170.0	39.7	7,700*	170.0	46.9	7,200*
100.0	**50.4**	**39,000***	**100.0**	**54.6**	**30,200***	**130.0**	**42.7**	**24,000***	**130.0**	**47.9**	**20,800***	**160.0**	**35.4**	**14,800***	**160.0**	**41.0**	**13,400***	**180.0**	**34.3**	**7,300***	**180.0**	**40.7**	**6,800***
110.0	44.7	36,500*	110.0	48.5	28,800*	140.0	36.6	22,400*	140.0	41.3	20,100*	167.9	30.0	14,500*	170.0	33.0	13,400*	187.0	30.0	6,600*	190.0	33.0	6,400
120.0	**38.2**	**34,100***	**120.0**	**41.6**	**27,800***	**149.2**	**30.0**	**21,300***	**150.0**	**33.0**	**19,600***				**172.9**	**30.0**	**13,400***				**192.9**	**30.0**	**6,100**
130.0	30.4	32,000*	130.0	33.0	27,300*				152.6	30.0	19,600*												
130.5	**30.0**	**31,900***	**132.8**	**30.0**	**27,300***																		
Reeves		**2**	**Reeves**		**2**	**Reeves**		**2**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**

Note: Designed and rated to comply with ANSI Code B30.5

Capacities based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.

Refer to notes P12 and P13.

Fixed Jib Lifting Capacity (With 165 US t/110 US t Main Hook)

Unit: lbs

Counterweight: 199,300 lbs, Carbody weight: 60,500 lbs

110' Boom

40 ft Jib						60 ft Jib						80 ft Jib						100 ft Jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
37.7	80.0	58,400*				44.6	80.0	46,700*				51.5	80.0	26,600*				58.4	80.0	14,700*			
38.0	**79.9**	**58,300***				**46.0**	**79.5**	**46,200***				**55.0**	**78.9**	**26,200***				**50.0**	**79.5**	**14,600***			
40.0	79.1	57,700*				48.0	78.8	45,600*				60.0	77.3	25,400*				65.0	78.1	14,100*			
42.0	**78.3**	**56,900***				**50.0**	**78.1**	**44,900***				**65.0**	**75.8**	**24,500***				**70.0**	**76.7**	**13,600***			
44.0	77.6	56,100*				55.0	76.4	43,300*				70.0	74.2	23,800*				75.0	75.2	13,100*			
46.0	**76.8**	**55,300***				**60.0**	**74.6**	**41,800***	**62.6**	**80.0**	**29,700***	**75.0**	**72.6**	**23,200***	**75.4**	**80.0**	**17,800***	**80.0**	**73.8**	**12,700***			
48.0	76.0	54,600*	49.8	80.0	42,500*	65.0	72.8	40,500*	65.0	79.1	29,700*	80.0	70.9	22,500*	80.0	78.5	17,500*	85.0	72.3	12,300*	88.2	80.0	9,700*
50.0	**75.2**	**53,900***	**50.0**	**79.9**	**42,500***	**70.0**	**71.1**	**39,300***	**70.0**	**77.3**	**29,600***	**85.0**	**69.3**	**21,800***	**85.0**	**76.8**	**17,200***	**90.0**	**70.9**	**11,800***	**90.0**	**79.5**	**9,500***
55.0	73.2	52,300*	55.0	77.9	41,400*	75.0	69.2	38,100*	75.0	75.4	29,100*	90.0	67.6	21,100*	90.0	75.0	16,800*	95.0	69.4	11,400*	95.0	77.9	9,300*
60.0	**71.2**	**50,800***	**60.0**	**75.8**	**40,500***	**80.0**	**67.4**	**37,000***	**80.0**	**73.5**	**28,400***	**95.0**	**66.0**	**20,600***	**95.0**	**73.3**	**16,400***	**100.0**	**67.9**	**11,100***	**100.0**	**76.4**	**9,100***
65.0	69.1	49,300*	65.0	73.7	39,100*	85.0	65.5	35,900*	85.0	71.5	27,800*	100.0	64.2	20,000*	100.0	71.5	16,000*	110.0	64.8	10,400*	110.0	73.2	8,600*
70.0	**67.1**	**47,900***	**70.0**	**71.5**	**37,600***	**90.0**	**63.6**	**34,900***	**90.0**	**69.5**	**26,800***	**110.0**	**60.7**	**18,800***	**110.0**	**67.8**	**15,500***	**120.0**	**61.6**	**9,800***	**120.0**	**69.8**	**8,300***
75.0	64.9	46,600*	75.0	69.4	36,200*	95.0	61.6	33,600*	95.0	67.5	25,900*	120.0	57.1	16,100*	120.0	64.0	14,900*	130.0	58.3	9,300*	130.0	66.4	8,100*
80.0	**62.8**	**45,300***	**80.0**	**67.1**	**35,000***	**100.0**	**59.7**	**32,100***	**100.0**	**65.4**	**25,000***	**130.0**	**53.2**	**17,200***	**130.0**	**59.9**	**14,400***	**140.0**	**54.8**	**8,900***	**140.0**	**62.7**	**7,800***
85.0	60.6	44,100*	85.0	64.9	34,000*	110.0	55.5	29,400*	110.0	61.1	23,500*	140.0	49.1	16,300*	140.0	55.6	14,000*	150.0	51.2	8,400*	150.0	58.9	7,500*
90.0	**58.3**	**43,100***	**90.0**	**62.5**	**33,000***	**120.0**	**51.2**	**27,100***	**120.0**	**56.5**	**22,400***	**150.0**	**44.7**	**15,700***	**150.0**	**50.9**	**13,600***	**160.0**	**47.3**	**8,200***	**160.0**	**54.8**	**7,400***
95.0	56.0	42,000*	95.0	60.1	31,900*	130.0	46.5	25,100*	130.0	51.6	21,200*	160.0	39.8	15,200*	160.0	45.6	13,400*	170.0	43.2	7,900*	170.0	50.3	7,200*
100.0	**53.6**	**40,800***	**100.0**	**57.6**	**31,000***	**140.0**	**41.3**	**23,500***	**140.0**	**46.0**	**20,500***	**170.0**	**34.3**	**14,700***	**170.0**	**39.4**	**13,400***	**180.0**	**38.5**	**7,600***	**180.0**	**45.2**	**7,100***
110.0	48.5	38,500*	110.0	52.3	29,700*	150.0	35.4	22,100*	150.0	39.6	19,900*	176.8	30.0	14,500*	180.0	31.5	13,400*	190.0	33.3	7,000*	190.0	39.3	6,600*
120.0	**43.0**	**36,000***	**120.0**	**46.5**	**28,400***	**158.1**	**30.0**	**21,300***	**160.0**	**31.5**	**19,600***				**181.7**	**30.0**	**13,400***	**195.5**	**30.0**	**6,500***	**200.0**	**31.5**	**6,000**
130.0	36.8	33,000*	130.0	39.8	27,600*				161.7	30.0	19,600*										201.4	30.0	5,900
139.1	**30.0**	**29,300***	**140.0**	**31.6**	**27,300***																		
			141.7	30.0	27,300*																		
Reeves		**2**	**Reeves**		**2**	**Reeves**		**2**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**

120' Boom

40 ft Jib						60 ft Jib						80 ft Jib						100 ft Jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
39.4	80.0	58,600*				46.2	80.0	46,700*				53.1	80.0	26,600*				60.0	80.0	14,900*			
40.0	**79.8**	**58,400***				**48.0**	**79.4**	**46,100***				**55.0**	**79.5**	**26,300***				**65.0**	**78.7**	**14,400***			
42.0	79.1	57,600*				50.0	78.8	45,500*				60.0	78.0	25,800*				70.0	77.3	13,800*			
44.0	**78.3**	**56,900***				**55.0**	**77.2**	**43,900***				**65.0**	**76.5**	**24,700***				**75.0**	**75.9**	**13,300***			
46.0	77.6	56,100*				60.0	75.5	42,500*	64.3	80.0	29,700*	70.0	75.0	24,100*				80.0	74.6	12,900*			
48.0	**76.9**	**55,500***				**65.0**	**73.8**	**41,100***	**65.0**	**79.8**	**29,700***	**75.0**	**73.5**	**23,400***	**77.0**	**80.0**	**17,800***	**85.0**	**73.2**	**12,500***			
50.0	76.1	54,800*	51.5	80.0	42,500*	70.0	72.2	39,900*	70.0	78.0	29,700*	80.0	72.0	22,800*	80.0	79.1	17,700*	90.0	71.8	12,000*	90.2	80.0	9,400*
55.0	**74.3**	**53,200***	**55.0**	**78.7**	**41,900***	**75.0**	**70.5**	**38,700***	**75.0**	**76.3**	**29,300***	**85.0**	**70.4**	**22,200***	**85.0**	**77.5**	**17,400***	**95.0**	**70.4**	**11,600***	**95.0**	**78.6**	**9,300***
60.0	72.4	51,700*	60.0	76.7	41,000*	80.0	68.7	37,600*	80.0	74.5	28,700*	90.0	68.8	21,600*	90.0	75.9	16,900*	100.0	68.9	11,300*	100.0	77.1	9,200*
65.0	**70.5**	**50,200***	**65.0**	**74.8**	**40,000***	**85.0**	**67.0**	**36,600***	**85.0**	**72.7**	**28,200***	**95.0**	**67.3**	**21,000***	**95.0**	**74.3**	**16,500***	**110.0**	**66.0**	**10,600***	**110.0**	**74.0**	**8,800***
70.0	68.6	48,800*	70.0	72.8	38,500*	90.0	65.2	35,800*	90.0	70.9	27,400*	100.0	65.7	20,500*	100.0	72.6	16,200*	120.0	63.0	10,000*	120.0	70.9	8,500*
75.0	**66.6**	**47,600***	**75.0**	**70.8**	**37,100***	**95.0**	**63.4**	**34,800***	**95.0**	**69.0**	**26,500***	**110.0**	**62.4**	**19,300***	**110.0**	**69.2**	**15,700***	**130.0**	**60.0**	**9,500***	**130.0**	**67.7**	**8,100***
80.0	64.6	46,400*	80.0	68.7	35,800*	100.0	61.6	33,600*	100.0	67.1	25,700*	120.0	59.0	18,500*	120.0	65.6	15,100*	140.0	56.7	9,100*	140.0	64.3	7,800*
85.0	**62.6**	**45,200***	**85.0**	**66.7**	**34,600***	**110.0**	**57.8**	**30,800***	**110.0**	**63.1**	**24,200***	**130.0**	**55.4**	**17,700***	**130.0**	**61.9**	**14,600***	**150.0**	**53.4**	**8,800***	**150.0**	**60.8**	**7,700***
90.0	60.5	44,000*	90.0	64.5	33,600*	120.0	53.8	28,400*	120.0	59.0	22,900*	140.0	51.7	16,800*	140.0	57.9	14,200*	160.0	49.9	8,300*	160.0	57.0	7,400*
95.0	**58.4**	**42,900***	**95.0**	**62.3**	**32,700***	**130.0**	**49.5**	**26,400***	**130.0**	**54.5**	**21,900***	**150.0**	**47.7**	**16,100***	**150.0**	**53.7**	**13,900***	**170.0**	**46.1**	**8,100***	**170.0**	**53.0**	**7,200***
100.0	56.3	41,700*	100.0	60.1	31,900*	140.0	45.0	24,600*	140.0	49.7	21,000*	160.0	43.4	15,700*	160.0	49.1	13,500*	180.0	42.0	7,800*	180.0	48.6	7,100*
110.0	**51.7**	**39,500***	**110.0**	**55.4**	**30,400***	**150.0**	**40.0**	**23,200***	**150.0**	**44.3**	**20,300***	**170.0**	**38.7**	**15,000***	**170.0**	**44.0**	**13,400***	**190.0**	**37.5**	**7,500***	**190.0**	**43.7**	**6,800***
120.0	46.9	36,200*	120.0	50.3	29,100*	160.0	34.3	22,000*	160.0	38.0	19,800*	180.0	33.3	14,600*	180.0	37.9	13,400*	200.0	32.4	7,200*	200.0	37.8	6,500
130.0	**41.5**	**32,400***	**130.0**	**44.7**	**28,300***	**166.6**	**30.0**	**21,100***	**170.0**	**30.2**	**19,600***	**185.3**	**30.0**	**14,300***	**190.0**	**30.2**	**13,400***	**204.3**	**30.0**	**6,800***	**210.0**	**30.2**	**6,100**
140.0	35.5	30,400	140.0	38.2	27,600*				170.2	30.0	19,600*				190.2	30.0	13,400*				210.3	30.0	6,100
147.9	**30.0**	**28,800**	**150.0**	**30.2**	**26,900***																		
			150.2	30.0	26,800*																		
Reeves		**2**	**Reeves**		**2**	**Reeves**		**2**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**

Note: Designed and rated to comply with ANSI Code B30.5

Capacities based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.

Refer to notes P12 and P13.

LIFTING CAPACITY

Fixed Jib Lifting Capacity (With 165 US t/110 US t Main Hook)

Unit: lbs

Counterweight: 199,300 lbs, Carbody weight: 60,500 lbs

130' Boom

40 ft Jib						60 ft Jib						80 ft Jib						100 ft Jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
41.3	80.0	58,400*				47.9	80.0	46,700*				54.8	80.0	26,600*				61.7	80.0	14,900*			
42.0	**79.7**	**58,100***				**48.0**	**79.9**	**46,700***				**55.0**	**79.9**	**26,600***				**55.0**	**79.2**	**14,600***			
44.0	79.0	57,500*				50.0	79.4	46,100*				80.0	78.6	25,800*				70.0	77.9	14,100*			
46.0	**78.4**	**56,800***				**55.0**	**77.8**	**44,600***				**65.0**	**77.2**	**25,200***				**75.0**	**76.6**	**13,600***			
48.0	77.7	56,100*				60.0	76.3	43,100*				70.0	75.7	24,500*				80.0	75.3	13,100*			
50.0	**77.0**	**55,500***	**53.1**	**80.0**	**42,300***	**65.0**	**74.7**	**41,800***	**65.9**	**80.0**	**29,700***	**75.0**	**74.3**	**23,800***	**79.0**	**80.0**	**17,800***	**85.0**	**74.0**	**12,800***			
55.0	75.2	53,900*	55.0	79.4	42,000*	70.0	73.1	40,600*	70.0	78.7	29,700*	80.0	72.9	23,100*	80.0	79.7	17,700*	90.0	72.6	12,300*	91.8	80.0	9,700*
60.0	**73.5**	**52,400***	**60.0**	**77.6**	**41,300***	**75.0**	**71.5**	**39,400***	**75.0**	**77.1**	**29,400***	**85.0**	**71.4**	**22,500***	**85.0**	**78.2**	**17,400***	**95.0**	**71.3**	**11,900***	**95.0**	**79.1**	**9,400***
65.0	71.7	51,000*	65.0	75.7	40,600*	80.0	69.9	38,300*	80.0	75.4	29,000*	90.0	69.9	22,000*	90.0	76.6	17,100*	100.0	69.9	11,500*	100.0	77.7	9,200*
70.0	**69.9**	**49,700***	**70.0**	**73.9**	**39,200***	**85.0**	**68.3**	**37,300***	**85.0**	**73.7**	**28,600***	**95.0**	**68.4**	**21,500***	**95.0**	**75.1**	**16,700***	**110.0**	**67.2**	**10,900***	**110.0**	**74.8**	**8,800***
75.0	68.1	48,400*	75.0	72.0	37,900*	90.0	66.6	36,400*	90.0	72.0	27,800*	100.0	66.9	20,900*	100.0	73.5	16,400*	120.0	64.4	10,400*	120.0	71.9	8,500*
80.0	**66.2**	**47,100***	**80.0**	**70.1**	**36,700***	**95.0**	**64.9**	**35,600***	**95.0**	**70.2**	**27,000***	**110.0**	**63.8**	**19,700***	**110.0**	**70.3**	**15,900***	**130.0**	**61.4**	**9,700***	**130.0**	**68.9**	**8,100***
85.0	64.4	45,900*	85.0	68.2	35,500*	100.0	63.2	34,600*	100.0	68.5	26,200*	120.0	60.7	18,900*	120.0	67.0	15,300*	140.0	58.4	9,400*	140.0	65.7	8,000*
90.0	**62.5**	**44,500***	**90.0**	**66.3**	**34,500***	**110.0**	**59.7**	**32,100***	**110.0**	**64.8**	**24,700***	**130.0**	**57.4**	**18,100***	**130.0**	**63.6**	**14,800***	**150.0**	**55.3**	**9,000***	**150.0**	**62.5**	**7,700***
95.0	60.5	43,400*	95.0	64.2	33,500*	120.0	56.0	29,600*	120.0	61.0	23,500*	140.0	53.9	17,200*	140.0	59.9	14,400*	160.0	52.1	8,500*	160.0	59.0	7,600*
100.0	**58.5**	**42,300***	**100.0**	**62.2**	**32,600***	**130.0**	**52.2**	**27,500***	**130.0**	**57.0**	**22,300***	**150.0**	**50.3**	**16,500***	**150.0**	**56.1**	**14,100***	**170.0**	**48.6**	**8,300***	**170.0**	**55.4**	**7,400***
110.0	54.4	38,100*	110.0	57.9	31,100*	140.0	48.1	25,700*	140.0	52.7	21,600*	160.0	46.4	16,000*	160.0	52.0	13,800*	180.0	44.9	8,000*	180.0	51.4	7,200*
120.0	**50.0**	**34,600**	**120.0**	**53.4**	**29,700***	**150.0**	**43.7**	**24,100***	**150.0**	**48.0**	**20,700***	**170.0**	**42.2**	**15,400***	**170.0**	**47.5**	**13,400***	**190.0**	**41.0**	**7,700***	**190.0**	**47.1**	**7,200***
130.0	45.3	32,600	130.0	48.5	28,700*	160.0	38.8	22,800*	160.0	42.7	20,100*	180.0	37.6	15,000*	180.0	42.5	13,400*	200.0	36.6	7,400*	200.0	42.2	6,900*
140.0	**40.2**	**30,600**	**140.0**	**43.0**	**28,000***	**170.0**	**33.3**	**21,600***	**170.0**	**36.7**	**19,800***	**190.0**	**32.4**	**14,500***	**190.0**	**36.6**	**13,400***	**210.0**	**31.6**	**7,200***	**210.0**	**36.5**	**6,600**
150.0	34.3	28,400	150.0	36.8	26,600*	175.1	30.0	21,100*	178.8	30.0	19,600*	194.2	30.0	14,300*	198.8	30.0	13,400*	212.9	30.0	6,800*	218.8	30.0	5,900
156.4	**30.0**	**26,600**	**158.7**	**30.0**	**24,400***																		
Reeves		**2**	**Reeves**		**2**	**Reeves**		**2**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**

140' Boom

40 ft Jib						60 ft Jib						80 ft Jib						100 ft Jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
43.0	80.0	58,400*				49.9	80.0	46,700*				56.8	80.0	26,600*				63.3	80.0	14,900*			
44.0	**79.7**	**58,100***				**50.0**	**79.9**	**46,600***				**60.0**	**79.1**	**26,200***				**55.0**	**79.6**	**14,800***			
46.0	79.0	57,500*				55.0	78.5	45,100*				65.0	77.8	25,400*				70.0	78.4	14,300*			
48.0	**78.4**	**56,800***				**60.0**	**77.0**	**43,800***				**70.0**	**76.4**	**24,700***				**75.0**	**77.2**	**13,800***			
50.0	77.7	56,100*				65.0	75.5	42,400*	67.9	80.0	29,700*	75.0	75.0	24,000*				80.0	75.9	13,300*			
55.0	**76.1**	**54,600***	**55.1**	**80.0**	**42,300***	**70.0**	**74.0**	**41,200***	**70.0**	**79.3**	**29,700***	**80.0**	**73.7**	**23,400***	**80.7**	**80.0**	**17,800***	**85.0**	**74.7**	**13,000***			
60.0	74.4	53,300*	60.0	78.3	41,700*	75.0	72.5	40,100*	75.0	77.8	29,500*	85.0	72.3	22,900*	85.0	78.8	17,600*	90.0	73.4	12,500*	93.5	80.0	9,700*
65.0	**72.8**	**51,900***	**65.0**	**76.6**	**41,000***	**80.0**	**71.0**	**38,900***	**80.0**	**76.2**	**29,200***	**90.0**	**70.9**	**22,400***	**90.0**	**77.3**	**17,300***	**95.0**	**72.1**	**12,100***	**95.0**	**79.6**	**9,600***
70.0	71.1	50,600*	70.0	74.9	39,900*	85.0	69.4	37,900*	85.0	74.6	28,900*	95.0	69.5	21,800*	95.0	75.9	16,900*	100.0	70.8	11,700*	100.0	78.3	9,400*
75.0	**69.4**	**49,400***	**75.0**	**73.1**	**38,700***	**90.0**	**67.9**	**37,100***	**90.0**	**73.0**	**26,400***	**100.0**	**68.1**	**21,200***	**100.0**	**74.4**	**16,600***	**110.0**	**68.2**	**11,100***	**110.0**	**75.6**	**9,000***
80.0	67.6	48,400*	80.0	71.4	37,400*	95.0	66.3	36,200*	95.0	71.4	27,600*	110.0	65.1	20,200*	110.0	71.4	15,900*	120.0	65.5	10,600*	120.0	72.8	8,700*
85.0	**65.9**	**47,400***	**85.0**	**69.6**	**36,200***	**100.0**	**64.7**	**35,400***	**100.0**	**69.7**	**26,800***	**120.0**	**62.2**	**19,200***	**120.0**	**68.3**	**15,500***	**130.0**	**62.8**	**10,100***	**130.0**	**69.9**	**8,400***
90.0	64.1	46,100*	90.0	67.7	35,200*	110.0	61.4	33,400*	110.0	66.3	25,300*	130.0	59.1	18,400*	130.0	65.0	15,000*	140.0	60.0	9,600*	140.0	67.0	8,000*
95.0	**62.3**	**44,800***	**95.0**	**65.9**	**34,300***	**120.0**	**58.0**	**30,800***	**120.0**	**62.8**	**24,000***	**140.0**	**55.9**	**17,700***	**140.0**	**61.7**	**14,600***	**150.0**	**57.0**	**9,200***	**150.0**	**63.9**	**7,900***
100.0	60.5	43,500*	100.0	64.0	33,400*	130.0	54.4	28,600*	130.0	59.1	23,000*	150.0	52.5	17,000*	150.0	58.2	14,100*	160.0	54.0	8,700*	160.0	60.7	7,700*
110.0	**56.7**	**39,100**	**110.0**	**60.1**	**31,700***	**140.0**	**50.7**	**26,700***	**140.0**	**55.2**	**22,000***	**160.0**	**49.0**	**16,300***	**160.0**	**54.4**	**14,000***	**170.0**	**50.8**	**8,300***	**170.0**	**57.4**	**7,500***
120.0	52.7	36,500	120.0	56.0	30,400*	150.0	46.7	25,200*	150.0	51.0	21,200*	170.0	45.2	15,800*	170.0	50.4	13,600*	180.0	47.4	8,200*	180.0	53.8	7,200*
130.0	**48.5**	**34,200**	**130.0**	**51.6**	**29,400***	**160.0**	**42.4**	**23,900***	**160.0**	**46.4**	**20,500***	**180.0**	**41.1**	**15,300***	**180.0**	**46.0**	**13,400***	**190.0**	**43.9**	**7,900***	**190.0**	**49.9**	**7,200***
140.0	43.9	31,000	140.0	46.8	28,500*	170.0	37.7	22,300*	170.0	41.4	20,000*	190.0	36.7	15,000*	190.0	41.2	13,400*	200.0	40.0	7,700*	200.0	45.7	7,000*
150.0	**39.0**	**28,200**	**150.0**	**41.6**	**26,300***	**180.0**	**32.3**	**20,000***	**180.0**	**35.4**	**19,700***	**200.0**	**31.5**	**14,500***	**200.0**	**35.3**	**13,400***	**210.0**	**35.7**	**7,400***	**210.0**	**41.0**	**7,000**
160.0	33.3	25,000	160.0	35.4	24,300	184.0	30.0	19,100*	187.6	30.0	19,600*	202.7	30.0	14,500*	207.6	30.0	13,400*	220.0	30.8	6,800*	220.0	35.3	6,400
165.0	**30.0**	**23,800**	**167.6**	**30.0**	**23,500**													**221.4**	**30.0**	**6,600***	**227.6**	**30.0**	**5,900**
Reeves		**2**	**Reeves**		**2**	**Reeves**		**2**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**

Note: Designed and rated to comply with ANSI Code B30.5

Capacities based on factors other than machine stability such as structural competence are shown by asterisk * in the charts. Refer to notes P12 and P13.

Fixed Jib Lifting Capacity (With 165 US t/110 US t Main Hook)

Unit: lbs

Counterweight: 199,300 lbs, Carbody weight: 60,500 lbs

150' Boom

40 ft Jib						60 ft Jib						80 ft Jib						100 ft Jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
44.6	80.0	58,400*				51.5	80.0	46,700*				58.4	80.0	26,600*				65.3	80.0	14,700*			
46.0	**79.6**	**57,900***				**55.0**	**79.0**	**45,600***				**60.0**	**79.6**	**26,500***				**70.0**	**78.9**	**14,300***			
48.0	79.0	57,300*				60.0	77.6	44,300*				65.0	78.3	25,600*				75.0	77.7	13,900*			
50.0	**78.4**	**56,700***				**65.0**	**76.2**	**43,100***	**69.5**	**80.0**	**29,700***	**70.0**	**77.0**	**25,100***				**80.0**	**76.5**	**13,500***			
55.0	76.8	55,300*	56.7	80.0	42,300*	70.0	74.8	41,900*	70.0	79.9	29,700*	75.0	75.7	24,500*				85.0	75.3	13,000*			
60.0	**75.3**	**53,900***	**60.0**	**78.9**	**41,900***	**75.0**	**73.4**	**40,700***	**75.0**	**78.4**	**29,600***	**80.0**	**74.4**	**23,800***	**82.3**	**80.0**	**17,800***	**90.0**	**74.1**	**12,600***			
65.0	73.7	52,600*	65.0	77.3	41,300*	80.0	71.9	39,600*	80.0	76.9	29,400*	85.0	73.1	23,100*	85.0	79.3	17,600*	95.0	72.9	12,300*	95.1	80.0	9,700*
70.0	**72.1**	**51,200***	**70.0**	**75.7**	**40,400***	**85.0**	**70.5**	**38,600***	**85.0**	**75.4**	**29,100***	**90.0**	**71.8**	**22,600***	**90.0**	**77.9**	**17,300***	**100.0**	**71.6**	**12,000***	**100.0**	**78.8**	**9,400***
75.0	70.5	49,900*	75.0	74.1	39,300*	90.0	69.0	37,700*	90.0	73.9	28,600*	95.0	70.4	22,100*	95.0	76.5	16,900*	110.0	69.1	11,300*	110.0	76.2	9,000*
80.0	**68.9**	**48,600***	**80.0**	**72.4**	**38,000***	**95.0**	**67.5**	**36,900***	**95.0**	**72.4**	**28,000***	**100.0**	**69.1**	**21,600***	**100.0**	**75.1**	**16,700***	**120.0**	**66.6**	**10,800***	**120.0**	**73.6**	**8,700***
85.0	67.3	47,400*	85.0	70.8	36,800*	100.0	66.0	36,100*	100.0	70.8	27,200*	110.0	66.3	20,600*	110.0	72.3	16,100*	130.0	64.0	10,200*	130.0	70.9	8,400*
90.0	**65.6**	**46,100***	**90.0**	**69.1**	**35,800***	**110.0**	**62.9**	**34,500***	**110.0**	**67.6**	**25,700***	**120.0**	**63.5**	**19,700***	**120.0**	**69.4**	**15,500***	**140.0**	**61.3**	**9,800***	**140.0**	**68.1**	**8,100***
95.0	63.9	44,800*	95.0	67.3	34,900*	120.0	59.7	32,100*	120.0	64.3	24,500*	130.0	60.6	18,800*	130.0	66.3	15,200*	150.0	58.6	9,300*	150.0	65.2	7,900*
100.0	**62.2**	**43,100***	**100.0**	**65.6**	**34,100***	**130.0**	**56.4**	**29,700***	**130.0**	**60.9**	**23,400***	**140.0**	**57.5**	**16,100***	**140.0**	**63.2**	**14,600***	**160.0**	**55.7**	**6,900***	**160.0**	**62.2**	**7,700***
110.0	58.7	38,400	110.0	62.0	32,400*	140.0	53.0	27,800*	140.0	57.3	22,400*	150.0	54.5	17,400*	150.0	60.0	14,300*	170.0	52.8	8,600*	170.0	59.1	7,500*
120.0	**55.0**	**35,700**	**120.0**	**58.2**	**31,100***	**150.0**	**49.4**	**26,100***	**150.0**	**53.5**	**21,600***	**160.0**	**51.2**	**16,800***	**160.0**	**56.5**	**14,000***	**180.0**	**49.6**	**8,300***	**180.0**	**55.8**	**7,400***
130.0	51.2	33,000	130.0	54.2	29,900*	160.0	45.5	24,100*	160.0	49.4	20,900*	170.0	47.8	16,100*	170.0	52.9	13,800*	190.0	46.4	8,100*	190.0	52.3	7,200*
140.0	**47.1**	**30,300**	**140.0**	**49.9**	**28,700***	**170.0**	**41.3**	**21,500***	**170.0**	**45.0**	**20,300***	**180.0**	**44.1**	**15,600***	**180.0**	**49.0**	**13,500***	**200.0**	**42.9**	**7,800***	**200.0**	**48.5**	**7,200***
150.0	42.7	27,100	150.0	45.3	25,800*	180.0	36.7	19,600	180.0	40.0	19,900*	190.0	40.1	15,200*	190.0	44.7	13,400*	210.0	39.1	7,400*	210.0	44.4	7,000*
160.0	**37.8**	**24,100**	**160.0**	**40.2**	**24,200**	**190.0**	**31.5**	**18,500**	**190.0**	**34.3**	**19,600***	**200.0**	**35.7**	**14,800***	**200.0**	**39.9**	**13,400***	**220.0**	**34.9**	**7,300***	**220.0**	**39.7**	**6,700**
170.0	32.3	21,700	170.0	34.3	21,900	192.5	30.0	18,500	196.1	30.0	18,000	210.0	30.8	14,500*	210.0	34.3	13,400*	230.0	30.1	6,800*	230.0	34.2	6,300
173.8	**30.0**	**20,900**	**176.1**	**30.0**	**20,500**							**211.2**	**30.0**	**14,300***	**216.2**	**30.0**	**13,400***	**230.3**	**30.0**	**6,800***	**236.2**	**30.0**	**6,100**
Reeves		**2**	**Reeves**		**2**	**Reeves**		**2**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**

160' Boom

40 ft Jib						60 ft Jib						80 ft Jib						100 ft Jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
46.3	80.0	58,400*				53.1	80.0	46,700*				60.0	80.0	26,600*				66.9	80.0	14,700*			
48.0	**79.5**	**57,900***				**55.0**	**79.5**	**46,200***				**65.0**	**78.8**	**26,000***				**70.0**	**79.3**	**14,500***			
50.0	79.0	57,300*				60.0	78.2	44,900*				70.0	77.6	25,400*				75.0	78.2	14,100*			
55.0	**77.5**	**55,900***	**58.3**	**80.0**	**42,300***	**65.0**	**76.9**	**43,500***				**75.0**	**76.3**	**24,700***				**80.0**	**77.0**	**13,700***			
60.0	76.0	54,600*	60.0	79.5	42,200*	70.0	75.5	42,300*	71.1	80.0	29,700*	80.0	75.1	24,100*	83.9	80.0	17,800*	85.0	75.9	13,200*			
65.0	**74.5**	**53,200***	**65.0**	**78.0**	**41,500***	**75.0**	**74.1**	**41,300***	**75.0**	**79.0**	**29,700***	**85.0**	**73.8**	**23,600***	**85.0**	**79.8**	**17,600***	**90.0**	**74.7**	**12,900***			
70.0	73.0	51,800*	70.0	76.5	40,800*	80.0	72.8	40,300*	80.0	77.6	29,600*	90.0	72.6	23,100*	90.0	78.5	17,500*	95.0	73.6	12,500*	97.1	80.0	9,200*
75.0	**71.5**	**50,300***	**75.0**	**74.9**	**39,900***	**85.0**	**71.4**	**39,300***	**85.0**	**76.1**	**29,300***	**95.0**	**71.3**	**22,600***	**95.0**	**77.2**	**17,200***	**100.0**	**72.4**	**12,200***	**100.0**	**79.3**	**9,200***
80.0	70.0	49,000*	80.0	73.4	38,700*	90.0	70.0	38,400*	90.0	74.7	28,800*	100.0	70.0	22,100*	100.0	75.8	16,800*	110.0	70.0	11,500*	110.0	76.8	9,000*
85.0	**68.5**	**47,700***	**85.0**	**71.8**	**37,500***	**95.0**	**68.6**	**37,600***	**95.0**	**73.2**	**28,300***	**110.0**	**67.4**	**21,000***	**110.0**	**73.1**	**16,300***	**120.0**	**67.6**	**10,900***	**120.0**	**74.3**	**8,700***
90.0	66.9	46,500*	90.0	70.2	36,500*	100.0	67.2	36,700*	100.0	71.8	27,700*	120.0	64.7	20,000*	120.0	70.4	15,800*	130.0	65.1	10,400*	130.0	71.7	8,400*
95.0	**65.3**	**45,400***	**95.0**	**68.6**	**35,600***	**110.0**	**64.3**	**35,000***	**110.0**	**68.8**	**26,200***	**130.0**	**62.0**	**19,200***	**130.0**	**67.5**	**15,200***	**140.0**	**62.5**	**10,000***	**140.0**	**69.1**	**8,300***
100.0	63.7	43,600	100.0	66.9	34,700*	120.0	61.3	33,200*	120.0	65.7	24,900*	140.0	59.1	18,500*	140.0	64.6	14,900*	150.0	60.0	9,500*	150.0	66.4	7,900*
110.0	**60.4**	**39,300**	**110.0**	**63.6**	**33,100***	**130.0**	**58.2**	**30,900***	**130.0**	**62.5**	**23,900***	**150.0**	**56.2**	**17,600***	**150.0**	**61.5**	**14,500***	**160.0**	**57.3**	**9,100***	**160.0**	**63.6**	**7,800***
120.0	57.0	37,200	120.0	60.1	31,700*	140.0	55.0	26,900*	140.0	59.2	22,900*	160.0	53.2	17,100*	160.0	58.3	14,200*	170.0	54.5	8,800*	170.0	60.7	7,500*
130.0	**53.5**	**34,000**	**130.0**	**56.4**	**30,500***	**150.0**	**51.6**	**26,500***	**150.0**	**55.7**	**22,100***	**170.0**	**50.0**	**16,500***	**170.0**	**55.0**	**13,900***	**180.0**	**51.6**	**8,500***	**180.0**	**57.6**	**7,400***
140.0	49.8	30,000	140.0	52.6	28,700*	160.0	48.1	23,600*	160.0	52.0	21,400*	180.0	46.6	15,900*	180.0	51.4	13,600*	190.0	48.6	8,100*	190.0	54.4	7,200*
150.0	**45.8**	**26,700**	**150.0**	**48.4**	**25,900**	**170.0**	**44.3**	**21,700**	**170.0**	**48.0**	**20,700***	**190.0**	**43.1**	**15,400***	**190.0**	**47.6**	**13,400***	**200.0**	**45.3**	**8,000***	**200.0**	**51.0**	**7,200***
160.0	41.5	23,700	160.0	44.0	24,400	180.0	40.3	20,100	180.0	43.7	20,100*	200.0	39.2	15,100*	200.0	43.4	13,400*	210.0	41.9	7,700*	210.0	47.3	7,000*
170.0	**36.8**	**21,200**	**170.0**	**39.0**	**21,700**	**190.0**	**35.8**	**18,100**	**190.0**	**38.9**	**19,400***	**210.0**	**34.9**	**14,700***	**210.0**	**38.8**	**13,400***	**220.0**	**38.2**	**7,500***	**220.0**	**43.2**	**6,900***
180.0	31.4	19,000	180.0	33.2	19,300	200.0	30.7	16,300	200.0	33.2	17,100*	220.0	30.1	14,300*	220.0	33.1	13,400*	230.0	34.1	7,400*	230.0	38.6	6,600
182.4	**30.0**	**18,500**	**185.0**	**30.0**	**18,200**	**201.4**	**30.0**	**16,000**	**205.0**	**30.0**	**16,000***	**220.1**	**30.0**	**14,300***	**225.0**	**30.0**	**13,400***	**238.8**	**30.0**	**6,800***	**240.0**	**33.1**	**6,200**
																					244.7	30.0	5,900
Reeves		**2**	**Reeves**		**2**	**Reeves**		**2**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**

Note: Designed and rated to comply with ANSI Code B30.5

Capacities based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.

Refer to notes P12 and P13.

LIFTING CAPACITY

Fixed Jib Lifting Capacity (With 165 US t/110 US t Main Hook)

Unit: lbs

Counterweight: 199,300 lbs, Carbody weight: 60,500 lbs

170' Boom

40 ft Jib						60 ft Jib						80 ft Jib						100 ft Jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
48.2	80.0	58,400*				55.1	80.0	46,700*				61.7	80.0	26,600*				68.6	80.0	14,900*			
50.0	**79.5**	**57,800***				**60.0**	**78.7**	**45,300***				**65.0**	**79.3**	**26,300***				**70.0**	**79.7**	**14,800***			
56.0	78.1	56,400*				65.0	77.4	44,000*				70.0	78.1	25,600*				75.0	78.8	14,200*			
60.0	**76.7**	**55,100***	**60.0**	**80.0**	**42,300***	**70.0**	**76.2**	**42,900***	**73.1**	**80.0**	**29,700***	**75.0**	**76.9**	**24,900***				**80.0**	**77.5**	**13,800***			
65.0	75.3	53,900*	65.0	78.6	41,700*	75.0	74.9	41,800*	75.0	79.5	29,700*	80.0	75.7	24,300*				85.0	76.4	13,400*			
70.0	**73.9**	**52,400***	**70.0**	**77.2**	**41,000***	**80.0**	**73.6**	**40,700***	**80.0**	**78.1**	**29,600***	**85.0**	**74.5**	**23,800***	**85.9**	**80.0**	**17,800***	**90.0**	**75.3**	**13,100***			
75.0	72.4	51,100*	75.0	75.7	40,300*	85.0	72.2	39,900*	85.0	76.8	29,300*	90.0	73.3	23,300*	90.0	79.0	17,500*	95.0	74.2	12,700*	98.7	80.0	9,200*
80.0	**71.0**	**49,900***	**80.0**	**74.2**	**39,300***	**90.0**	**70.9**	**38,900***	**90.0**	**75.4**	**29,000***	**95.0**	**72.1**	**22,800***	**95.0**	**77.7**	**17,300***	**100.0**	**73.1**	**12,400***	**100.0**	**79.7**	**9,200***
85.0	69.5	48,700*	85.0	72.7	38,200*	95.0	69.6	38,000*	95.0	74.0	28,600*	100.0	70.8	22,300*	100.0	76.5	17,000*	110.0	70.8	11,700*	110.0	77.4	9,200*
90.0	**68.1**	**47,700***	**90.0**	**71.2**	**37,100***	**100.0**	**68.2**	**37,200***	**100.0**	**72.7**	**28,100***	**110.0**	**68.4**	**21,300***	**110.0**	**73.9**	**16,400***	**120.0**	**68.5**	**11,100***	**120.0**	**75.0**	**8,900***
95.0	66.6	46,600*	95.0	69.7	36,200*	110.0	65.5	35,700*	110.0	69.8	26,600*	120.0	65.8	20,300*	120.0	71.3	15,900*	130.0	66.1	10,600*	130.0	72.5	8,600*
100.0	**65.1**	**44,700**	**100.0**	**68.2**	**35,400***	**120.0**	**62.7**	**34,200***	**120.0**	**66.9**	**25,500***	**130.0**	**63.2**	**19,500***	**130.0**	**68.6**	**15,400***	**140.0**	**63.7**	**10,200***	**140.0**	**70.0**	**8,300***
110.0	62.0	40,400	110.0	65.0	33,700*	130.0	59.6	32,000*	130.0	63.9	24,300*	140.0	60.5	18,600*	140.0	65.8	15,100*	150.0	61.2	9,700*	150.0	67.4	8,100*
120.0	**58.8**	**38,100**	**120.0**	**61.8**	**32,300***	**140.0**	**56.8**	**29,300***	**140.0**	**60.8**	**23,300***	**150.0**	**57.8**	**18,100***	**150.0**	**62.9**	**14,800***	**160.0**	**58.7**	**9,300***	**160.0**	**64.8**	**7,800***
130.0	55.5	33,600	130.0	58.4	31,200*	150.0	53.6	25,800*	150.0	57.6	22,500*	160.0	54.9	17,400*	160.0	60.0	14,400*	170.0	56.1	9,000*	170.0	62.0	7,700*
140.0	**52.1**	**29,300**	**140.0**	**54.8**	**28,200***	**160.0**	**50.4**	**23,600**	**160.0**	**54.2**	**21,700***	**170.0**	**52.0**	**16,700***	**170.0**	**56.9**	**14,100***	**180.0**	**53.3**	**8,700***	**180.0**	**59.2**	**7,400***
150.0	48.4	26,000	150.0	51.1	26,100	170.0	46.9	21,700	170.0	50.6	20,900*	180.0	48.9	16,300*	180.0	53.6	13,700*	190.0	50.5	8,300*	190.0	56.2	7,400*
160.0	**44.6**	**23,100**	**160.0**	**47.1**	**23,700**	**180.0**	**43.3**	**19,400**	**180.0**	**46.7**	**20,500***	**190.0**	**45.6**	**15,800***	**190.0**	**50.1**	**13,600***	**200.0**	**47.5**	**8,100***	**200.0**	**53.0**	**7,200***
170.0	40.4	20,400	170.0	42.7	20,900	190.0	39.3	17,400	190.0	42.5	19,000*	200.0	42.1	15,400*	200.0	46.4	13,400*	210.0	44.4	7,900*	210.0	49.7	7,200*
180.0	**35.8**	**18,200**	**180.0**	**37.8**	**18,700**	**200.0**	**34.9**	**15,400**	**200.0**	**37.7**	**16,600***	**210.0**	**38.3**	**14,900***	**210.0**	**42.3**	**13,200***	**220.0**	**41.0**	**7,700***	**220.0**	**46.1**	**7,000***
190.0	30.6	16,100	190.0	32.3	16,500	209.9	30.0	13,800	210.0	32.3	14,500	220.0	34.1	14,400*	220.0	37.6	13,200*	230.0	37.4	7,400*	230.0	42.1	7,000
191.2	**30.0**	**15,800**	**193.5**	**30.0**	**15,600**				**213.5**	**30.0**	**13,800**	**226.6**	**30.0**	**13,000***	**230.0**	**32.2**	**12,900***	**240.0**	**33.4**	**7,200***	**240.0**	**37.6**	**6,700**
															233.5	30.0	11,900*	247.3	30.0	6,600*	250.0	32.2	6,100
																					253.6	**30.0**	**5,900**
Reeves		**2**	**Reeves**		**2**	**Reeves**		**2**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**

180' Boom

40 ft Jib						60 ft Jib						80 ft Jib						100 ft Jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
49.9	80.0	58,200*				56.8	80.0	46,500*				63.6	80.0	26,600*				70.5	80.0	14,900*			
50.0	**79.9**	**58,100***				**60.0**	**79.2**	**45,800***				**65.0**	**79.7**	**26,500***				**75.0**	**79.0**	**14,400***			
55.0	78.6	57,000*				65.0	78.0	44,600*				70.0	78.5	25,800*				80.0	78.0	14,000*			
60.0	**77.3**	**55,700***	**62.0**	**80.0**	**42,300***	**70.0**	**76.7**	**43,500***	**74.8**	**80.0**	**29,700***	**75.0**	**77.4**	**25,200***				**85.0**	**76.9**	**13,600***			
65.0	76.0	54,500*	65.0	79.2	41,900*	75.0	75.5	42,400*	75.0	79.9	29,700*	80.0	76.3	24,700*				90.0	75.8	13,300*			
70.0	**74.6**	**53,200***	**70.0**	**77.8**	**41,200***	**80.0**	**74.3**	**41,400***	**80.0**	**78.7**	**29,700***	**85.0**	**75.1**	**24,000***	**87.5**	**80.0**	**17,800***	**95.0**	**74.8**	**13,000***			
75.0	73.3	52,000*	75.0	76.4	40,600*	85.0	73.0	40,400*	85.0	77.4	29,500*	90.0	74.0	23,500*	90.0	79.4	17,700*	100.0	73.7	12,600*	100.3	80.0	9,400*
80.0	**71.9**	**50,800***	**80.0**	**75.0**	**39,800***	**90.0**	**71.7**	**39,500***	**90.0**	**76.1**	**29,200***	**95.0**	**72.8**	**23,000***	**95.0**	**78.2**	**17,400***	**110.0**	**71.5**	**12,000***	**110.0**	**77.9**	**9,300***
85.0	70.5	49,600*	85.0	73.6	36,800*	95.0	70.5	38,700*	95.0	74.8	28,700*	100.0	71.6	22,600*	100.0	77.0	17,000*	120.0	69.3	11,400*	120.0	75.6	8,900*
90.0	**69.1**	**48,600***	**90.0**	**72.2**	**37,800***	**100.0**	**69.2**	**37,800***	**100.0**	**73.4**	**28,200***	**110.0**	**69.2**	**21,700***	**110.0**	**74.6**	**16,500***	**130.0**	**67.0**	**10,800***	**130.0**	**73.2**	**8,600***
95.0	67.7	47,100*	95.0	70.7	36,600*	110.0	66.6	36,300*	110.0	70.8	27,100*	120.0	66.8	20,700*	120.0	72.1	16,000*	140.0	64.7	10,400*	140.0	70.8	8,300*
100.0	**66.3**	**45,000**	**100.0**	**69.3**	**35,800***	**120.0**	**63.9**	**35,000***	**120.0**	**68.0**	**25,800***	**130.0**	**64.4**	**19,900***	**130.0**	**69.5**	**15,600***	**150.0**	**62.4**	**9,900***	**150.0**	**68.4**	**8,100***
110.0	63.4	41,300	110.0	66.3	34,300*	130.0	61.2	33,100*	130.0	65.2	24,800*	140.0	61.6	19,200*	140.0	66.9	15,100*	160.0	60.0	9,600*	160.0	65.9	8,000*
120.0	**60.4**	**37,400**	**120.0**	**63.2**	**33,000***	**140.0**	**58.3**	**28,800**	**140.0**	**62.3**	**23,800***	**150.0**	**59.2**	**18,300***	**150.0**	**64.2**	**14,800***	**170.0**	**57.5**	**9,200***	**170.0**	**63.3**	**7,700***
130.0	57.3	32,700	130.0	60.1	31,300*	150.0	55.4	26,100	150.0	59.2	22,900*	160.0	56.5	17,900*	160.0	61.4	14,400*	180.0	54.9	8,900*	180.0	60.8	7,600*
140.0	**54.1**	**28,700**	**140.0**	**56.8**	**27,900**	**160.0**	**52.4**	**23,400**	**160.0**	**56.1**	**22,000***	**170.0**	**53.8**	**17,200***	**170.0**	**58.5**	**14,100***	**190.0**	**52.3**	**8,600***	**190.0**	**57.8**	**7,400***
150.0	50.8	25,200	150.0	53.3	25,900	170.0	49.2	21,000	170.0	52.8	21,400*	180.0	50.9	16,600*	180.0	55.5	14,000*	200.0	49.5	8,200*	200.0	54.9	7,200*
160.0	**47.2**	**22,300**	**160.0**	**49.7**	**23,100**	**180.0**	**45.8**	**18,500**	**180.0**	**49.3**	**20,500***	**190.0**	**47.8**	**16,100***	**190.0**	**52.3**	**13,500***	**210.0**	**46.6**	**8,100***	**210.0**	**51.8**	**7,200***
170.0	43.5	19,700	170.0	45.8	20,200	190.0	42.3	16,800	190.0	45.5	18,500*	200.0	44.6	15,700*	200.0	48.9	13,500*	220.0	43.5	7,800*	220.0	48.5	7,000*
180.0	**39.4**	**17,500**	**180.0**	**41.5**	**17,900**	**200.0**	**38.4**	**14,600**	**200.0**	**41.3**	**15,700***	**210.0**	**41.2**	**15,200***	**210.0**	**45.2**	**13,400***	**230.0**	**40.2**	**7,700***	**230.0**	**45.0**	**7,000***
190.0	35.0	15,400	190.0	36.8	15,700	210.0	34.1	13,000	210.0	36.6	14,100	220.0	37.5	14,000*	220.0	41.2	13,200*	240.0	36.6	7,400*	240.0	41.0	6,900*
199.8	**30.0**	**13,400**	**200.0**	**31.3**	**13,600**	**218.5**	**30.0**	**11,600**	**220.0**	**31.3**	**12,200**	**230.0**	**33.4**	**12,000***	**230.0**	**36.7**	**12,500***	**250.0**	**32.7**	**7,200***	**250.0**	**36.6**	**6,500**
			202.0	30.0	13,200				222.1	30.0	11,900	237.5	30.0	10,300*	240.0	31.3	10,700	256.2	30.0	7,000*	260.0	31.3	6,200
															242.1	**30.0**	**10,300**				**262.1**	**30.0**	**6,100**
Reeves		**2**	**Reeves**		**2**	**Reeves**		**2**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**

Note: Designed and rated to comply with ANSI Code B30.5

Capacities based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.

Refer to notes P12 and P13

Fixed Jib Lifting Capacity (With 165 US t/110 US t Main Hook) Unit: lbs

Counterweight: 199,300 lbs, Carbody weight: 60,500 lbs

190' Boom

40 ft Jib						60 ft Jib						80 ft Jib						100 ft Jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
51.5	80.0	58,400*				58.4	80.0	46,500*				65.3	80.0	26,600*				72.2	80.0	14,700*			
55.0	**79.1**	**57,500***				**60.0**	**79.6**	**46,200***				**70.0**	**79.0**	**26,000***				**75.0**	**79.4**	**14,500***			
60.0	77.9	56,200*	63.6	80.0	42,300*	65.0	78.5	45,100*				75.0	77.9	25,500*				80.0	78.4	14,200*			
65.0	**76.6**	**55,000***	**65.0**	**79.6**	**42,100***	**70.0**	**77.3**	**43,900***				**80.0**	**76.8**	**24,900***				**85.0**	**77.4**	**13,600***			
70.0	75.3	53,700*	70.0	78.3	41,500*	75.0	76.1	42,800*	76.4	80.0	29,700*	85.0	75.7	24,200*	89.2	80.0	17,800*	90.0	76.4	13,300*			
75.0	**74.0**	**52,400***	**75.0**	**77.0**	**40,900***	**80.0**	**74.9**	**41,800***	**80.0**	**79.1**	**29,700***	**90.0**	**74.6**	**23,700***	**90.0**	**79.9**	**17,700***	**95.0**	**75.3**	**13,000***			
80.0	72.7	51,300*	80.0	75.7	40,300*	85.0	73.7	40,800*	85.0	77.9	29,700*	95.0	73.5	23,300*	95.0	78.7	17,500*	100.0	74.3	12,600*	102.3	80.0	9,400*
85.0	**71.4**	**50,300***	**85.0**	**74.3**	**39,300***	**90.0**	**72.5**	**39,900***	**90.0**	**76.7**	**29,400***	**100.0**	**72.3**	**22,900***	**100.0**	**77.5**	**17,300***	**110.0**	**72.2**	**12,100***	**110.0**	**78.3**	**9,300***
90.0	70.1	49,300*	90.0	73.0	38,200*	95.0	71.3	39,100*	95.0	75.4	29,000*	110.0	70.1	21,900*	110.0	75.2	16,800*	120.0	70.1	11,500*	120.0	76.1	8,900*
95.0	**68.7**	**47,300***	**95.0**	**71.6**	**37,300***	**100.0**	**70.1**	**38,300***	**100.0**	**74.2**	**28,500***	**120.0**	**67.7**	**21,000***	**120.0**	**72.8**	**16,200***	**130.0**	**67.9**	**11,000***	**130.0**	**73.9**	**8,600***
100.0	67.4	45,000	100.0	70.3	36,500*	110.0	67.6	36,800*	110.0	71.6	27,500*	130.0	65.4	20,100*	130.0	70.4	15,700*	140.0	65.7	10,500*	140.0	71.6	8,500*
110.0	**64.6**	**41,900**	**110.0**	**67.4**	**34,800***	**120.0**	**65.0**	**35,400***	**120.0**	**69.0**	**26,200***	**140.0**	**63.0**	**19,400***	**140.0**	**67.9**	**15,300***	**150.0**	**63.4**	**10,100***	**150.0**	**69.3**	**8,100***
120.0	61.8	36,700	120.0	64.6	33,400*	130.0	62.4	33,500*	130.0	66.3	25,200*	150.0	60.5	18,800*	150.0	65.3	15,000*	160.0	61.1	9,600*	160.0	66.9	8,000*
130.0	**58.9**	**32,000**	**130.0**	**61.6**	**30,800***	**140.0**	**59.8**	**29,000**	**140.0**	**63.6**	**24,200***	**160.0**	**58.0**	**18,100***	**160.0**	**62.7**	**14,600***	**170.0**	**58.8**	**9,400***	**170.0**	**64.4**	**7,700***
140.0	55.9	28,000	140.0	58.5	28,000	150.0	57.0	26,000	150.0	60.7	23,200*	170.0	55.3	17,400*	170.0	60.0	14,300*	180.0	56.4	8,900*	180.0	61.9	7,700*
150.0	**52.8**	**24,500**	**150.0**	**55.3**	**25,600**	**160.0**	**54.2**	**23,000**	**160.0**	**57.8**	**22,500***	**180.0**	**52.6**	**17,000***	**180.0**	**57.1**	**14,000***	**190.0**	**53.8**	**8,600***	**190.0**	**59.3**	**7,500***
160.0	49.5	21,500	160.0	52.0	22,500	170.0	51.2	20,200	170.0	54.7	21,800*	190.0	49.8	16,500*	190.0	54.2	13,800*	200.0	51.2	8,400*	200.0	56.5	7,300*
170.0	**46.1**	**19,100**	**170.0**	**48.4**	**19,500**	**180.0**	**48.1**	**18,000**	**180.0**	**51.5**	**20,400***	**200.0**	**46.6**	**15,900***	**200.0**	**51.0**	**13,600***	**210.0**	**48.5**	**8,100***	**210.0**	**53.7**	**7,200***
180.0	42.4	16,700	180.0	44.6	17,400	190.0	44.8	15,800	190.0	48.0	17,500*	210.0	43.7	15,300*	210.0	47.7	13,400*	220.0	45.7	8,000*	220.0	50.6	7,200*
190.0	**38.5**	**14,600**	**190.0**	**40.5**	**15,000**	**200.0**	**41.3**	**13,900**	**200.0**	**44.3**	**15,200**	**220.0**	**40.3**	**13,200***	**220.0**	**44.1**	**13,000***	**230.0**	**42.7**	**7,700***	**230.0**	**47.4**	**7,000***
200.0	34.1	12,500	200.0	35.8	12,900	210.0	37.6	12,100	210.0	40.3	13,200	230.0	36.7	10,700	230.0	40.2	11,800*	240.0	39.4	7,500*	240.0	43.9	6,900*
208.3	**30.0**	**11,200**	**210.0**	**30.5**	**11,000**	**220.0**	**33.4**	**10,500**	**220.0**	**35.8**	**11,400**	**240.0**	**32.7**	**9,000**	**240.0**	**35.7**	**9,900***	**250.0**	**35.9**	**7,400***	**250.0**	**40.1**	**6,500**
			210.9	30.0	11,000	227.3	30.0	9,400	230.0	30.5	9,600	246.0	30.0	8,300	250.0	30.5	8,400	260.0	32.0	7,100*	260.0	35.7	6,300
									230.9	**30.0**	**9,400**				**250.9**	**30.0**	**8,100**	**264.7**	**30.0**	**6,800***	**270.0**	**30.5**	**6,000**
																					270.9	30.0	5,900
Reeves		**2**	**Reeves**		**2**	**Reeves**		**2**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**

200' Boom

40 ft Jib						60 ft Jib						80 ft Jib						100 ft Jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
53.5	80.0	58,400*				60.0	80.0	46,500*				68.9	80.0	26,600*				73.8	80.0	14,700*			
55.0	**79.6**	**58,000***				**65.0**	**78.9**	**45,500***				**70.0**	**79.4**	**26,200***				**75.0**	**79.8**	**14,600***			
60.0	78.4	56,600*				70.0	77.8	44,300*				75.0	78.3	25,700*				80.0	78.8	14,200*			
65.0	**77.2**	**55,400***	**65.2**	**80.0**	**42,300***	**75.0**	**76.7**	**43,300***	**78.0**	**80.0**	**29,700***	**80.0**	**77.3**	**25,100***				**85.0**	**77.8**	**13,900***			
70.0	75.9	54,400*	70.0	78.8	41,700*	80.0	75.5	42,300*	80.0	79.6	29,700*	85.0	76.2	24,500*				90.0	76.8	13,500*			
75.0	**74.7**	**53,200***	**75.0**	**77.6**	**41,100***	**85.0**	**74.4**	**41,400***	**85.0**	**78.4**	**29,700***	**90.0**	**75.1**	**24,100***	**91.2**	**80.0**	**17,800***	**95.0**	**75.8**	**13,200***			
80.0	73.5	51,900*	80.0	76.3	40,600*	90.0	73.2	40,400*	90.0	77.2	29,400*	95.0	74.1	23,700*	95.0	79.1	17,600*	100.0	74.8	12,900*	104.0	80.0	9,400*
85.0	**72.2**	**50,900***	**85.0**	**75.0**	**39,900***	**95.0**	**72.0**	**39,500***	**95.0**	**76.0**	**29,100***	**100.0**	**73.0**	**23,200***	**100.0**	**78.0**	**17,300***	**110.0**	**72.9**	**12,200***	**110.0**	**78.7**	**9,300***
90.0	70.9	49,900*	90.0	73.8	38,900*	100.0	70.9	38,800*	100.0	74.8	28,700*	110.0	70.8	22,200*	110.0	75.8	16,800*	120.0	70.8	11,700*	120.0	76.6	8,900*
95.0	**69.7**	**47,400***	**95.0**	**72.5**	**37,900***	**110.0**	**68.5**	**37,200***	**110.0**	**72.4**	**27,900***	**120.0**	**68.6**	**21,400***	**120.0**	**73.5**	**16,200***	**130.0**	**68.7**	**11,200***	**130.0**	**74.5**	**8,800***
100.0	68.4	44,800	100.0	71.1	36,900*	120.0	66.1	35,900*	120.0	69.9	26,700*	130.0	66.3	20,500*	130.0	71.2	15,900*	140.0	66.6	10,700*	140.0	72.3	8,500*
110.0	**65.8**	**41,600**	**110.0**	**68.5**	**35,400***	**130.0**	**63.6**	**33,800***	**130.0**	**67.4**	**25,500***	**140.0**	**64.0**	**19,800***	**140.0**	**68.8**	**15,500***	**150.0**	**64.4**	**10,300***	**150.0**	**70.1**	**8,300***
120.0	63.1	36,300	120.0	65.8	33,700*	140.0	61.1	28,800	140.0	64.8	24,500*	150.0	61.7	19,000*	150.0	66.4	15,000*	160.0	62.2	9,800*	160.0	67.8	8,000*
130.0	**60.4**	**31,600**	**130.0**	**63.0**	**30,500***	**150.0**	**58.5**	**25,400**	**150.0**	**62.1**	**23,600***	**160.0**	**59.3**	**18,400***	**160.0**	**63.9**	**14,600***	**170.0**	**60.0**	**9,400***	**170.0**	**65.4**	**7,900***
140.0	57.5	27,600	140.0	60.1	28,100	160.0	55.8	22,400	160.0	59.3	22,800*	170.0	56.8	17,800*	170.0	61.3	14,500*	180.0	57.7	9,100*	180.0	63.0	7,700*
150.0	**54.6**	**23,900**	**150.0**	**57.1**	**25,200**	**170.0**	**53.0**	**19,700**	**170.0**	**56.4**	**22,000***	**180.0**	**54.2**	**17,300***	**180.0**	**58.6**	**14,200***	**190.0**	**55.3**	**8,800***	**190.0**	**60.6**	**7,500***
160.0	51.6	21,100	160.0	54.0	22,100	180.0	50.1	17,500	180.0	53.4	20,000*	190.0	51.6	16,700*	190.0	55.8	13,800*	200.0	52.8	8,500*	200.0	58.0	7,300*
170.0	**48.4**	**18,600**	**170.0**	**50.7**	**19,300**	**190.0**	**47.1**	**15,200**	**190.0**	**50.3**	**16,800***	**200.0**	**48.8**	**16,300***	**200.0**	**52.9**	**13,700***	**210.0**	**50.3**	**8,300***	**210.0**	**55.3**	**7,200***
180.0	45.1	16,100	180.0	47.2	17,000	200.0	43.9	13,200	200.0	46.9	14,700	210.0	45.9	14,900*	210.0	49.9	13,600*	220.0	47.6	8,000*	220.0	52.5	7,200*
190.0	**41.5**	**14,100**	**190.0**	**43.5**	**14,800**	**210.0**	**40.5**	**11,400**	**210.0**	**43.3**	**13,000**	**220.0**	**42.8**	**12,400***	**220.0**	**46.6**	**12,900***	**230.0**	**44.8**	**7,900***	**230.0**	**49.5**	**7,000***
200.0	37.6	11,900	200.0	39.4	12,500	220.0	36.7	9,900	220.0	39.3	10,900	230.0	39.5	9,800	230.0	43.1	11,100*	240.0	41.8	7,700*	240.0	46.3	7,000*
210.0	**33.4**	**10,300**	**210.0**	**35.0**	**10,700**	**230.0**	**32.7**	**8,700**	**230.0**	**34.9**	**9,400**	**240.0**	**36.0**	**8,700**	**240.0**	**39.2**	**9,400**	**250.0**	**38.7**	**7,400***	**250.0**	**42.9**	**7,000***
217.1	30.0	9,200	219.4	30.0	9,000	235.8	30.0	7,900	239.5	30.0	8,100	250.0	32.0	7,600	250.0	34.9	8,000	260.0	35.2	7,300*	260.0	39.1	6,600
												254.5	**30.0**	**7,000**	**259.5**	**30.0**	**6,800**	**270.0**	**31.4**	**7,000***	**270.0**	**34.8**	**6,300**
																		273.6	30.0	6,100*	279.5	30.0	5,500
Reeves		**2**	**Reeves**		**2**	**Reeves**		**2**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**

Note: Designed and rated to comply with ANSI Code B30.5

Capacities based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.

Refer to notes P12 and P13.

LIFTING CAPACITY

Fixed Jib Lifting Capacity (With 165 US t/110 US t Main Hook)

Unit: lbs

Counterweight: 199,300 lbs, Carbody weight: 60,500 lbs

210' Boom

40 ft Jib						60 ft Jib						80 ft Jib						100 ft Jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
55.1	80.0	58,400*				62.0	80.0	46,500*				68.9	80.0	26,600*				75.5	80.0	14,700*			
60.0	**78.9**	**57,000***				**65.0**	**79.3**	**45,700***				**70.0**	**79.8**	**26,500***				**80.0**	**79.2**	**14,400***			
65.0	77.7	55,900*	67.2	80.0	42,300*	70.0	78.3	44,700*				75.0	78.7	25,900*				85.0	78.2	14,100*			
70.0	**76.5**	**54,800***	**70.0**	**79.3**	**41,900***	**75.0**	**77.2**	**43,700***				**80.0**	**77.7**	**25,400***				**90.0**	**77.3**	**13,700***			
75.0	75.3	53,800*	75.0	78.1	41,300*	80.0	76.1	42,700*	80.0	80.0	29,700*	85.0	76.7	24,900*				95.0	76.3	13,400*			
80.0	**74.1**	**52,800***	**80.0**	**76.9**	**40,800***	**85.0**	**75.0**	**41,900***	**85.0**	**76.9**	**29,700***	**90.0**	**75.7**	**24,400***	**92.8**	**80.0**	**17,800***	**100.0**	**75.3**	**13,100***	**105.6**	**80.0**	**9,400***
85.0	72.9	51,800*	85.0	75.7	40,300*	90.0	73.9	40,900*	90.0	77.7	29,600*	95.0	74.6	23,900*	95.0	79.5	17,600*	110.0	73.4	12,400*	110.0	79.1	9,300*
90.0	**71.7**	**51,000***	**90.0**	**74.4**	**39,300***	**95.0**	**72.7**	**40,100***	**95.0**	**76.5**	**29,300***	**100.0**	**73.6**	**23,400***	**100.0**	**78.5**	**17,300***	**120.0**	**71.4**	**11,800***	**120.0**	**77.1**	**9,100***
95.0	70.5	48,400	95.0	73.2	38,400*	100.0	71.6	39,400*	100.0	75.4	28,900*	110.0	71.5	22,500*	110.0	76.3	16,800*	130.0	69.4	11,300*	130.0	75.0	8,800*
100.0	**69.3**	**45,700**	**100.0**	**72.0**	**37,600***	**110.0**	**69.3**	**37,900***	**110.0**	**73.1**	**28,300***	**120.0**	**69.4**	**21,600***	**120.0**	**74.1**	**16,400***	**140.0**	**67.4**	**10,900***	**140.0**	**72.9**	**8,500***
110.0	66.8	41,300	110.0	69.4	35,900*	120.0	67.0	36,500*	120.0	70.7	27,000*	130.0	67.2	20,800*	130.0	71.9	15,900*	150.0	65.3	10,400*	150.0	70.8	8,400*
120.0	**64.3**	**35,600**	**120.0**	**66.8**	**34,100***	**130.0**	**64.7**	**33,200***	**130.0**	**68.3**	**25,900***	**140.0**	**65.0**	**20,100***	**140.0**	**69.6**	**15,500***	**160.0**	**63.2**	**10,000***	**160.0**	**68.6**	**8,100***
130.0	61.7	30,900	130.0	64.2	30,600	140.0	62.3	28,100	140.0	65.8	24,900*	150.0	62.8	19,400*	150.0	67.3	15,200*	170.0	61.1	9,700*	170.0	66.4	7,900*
140.0	**59.0**	**26,900**	**140.0**	**61.5**	**28,200**	**150.0**	**59.8**	**24,700**	**150.0**	**63.3**	**24,000***	**160.0**	**60.5**	**16,700***	**160.0**	**64.9**	**14,900***	**180.0**	**58.9**	**9,300***	**180.0**	**64.1**	**7,800***
150.0	56.3	23,400	150.0	58.6	24,500	160.0	57.3	21,900	160.0	60.7	23,100*	170.0	58.1	18,100*	170.0	62.5	14,500*	190.0	56.6	9,000*	190.0	61.7	7,500*
160.0	**53.4**	**20,400**	**160.0**	**55.7**	**21,400**	**170.0**	**54.6**	**19,100**	**170.0**	**58.0**	**22,100***	**180.0**	**55.7**	**17,500***	**180.0**	**60.0**	**14,300***	**200.0**	**54.3**	**8,700***	**200.0**	**59.3**	**7,400***
170.0	50.5	17,900	170.0	52.7	18,900	180.0	51.9	16,800	180.0	55.2	19,300*	190.0	53.2	16,900*	190.0	57.4	14,100*	210.0	51.9	8,500*	210.0	56.8	7,400*
180.0	**47.4**	**15,300**	**180.0**	**49.5**	**16,300**	**190.0**	**49.1**	**14,600**	**190.0**	**52.2**	**16,300***	**200.0**	**50.6**	**16,200***	**200.0**	**54.5**	**13,800***	**220.0**	**49.4**	**8,200***	**220.0**	**54.1**	**7,200***
190.0	44.1	13,200	190.0	46.1	13,900	200.0	46.1	12,600	200.0	49.1	14,100	210.0	47.9	13,600*	210.0	51.8	13,600*	230.0	46.7	7,900*	230.0	51.4	7,200*
200.0	**40.6**	**11,200**	**200.0**	**42.5**	**11,900**	**210.0**	**43.0**	**10,700**	**210.0**	**45.8**	**12,300**	**220.0**	**45.0**	**11,000**	**220.0**	**48.8**	**12,700***	**240.0**	**44.0**	**7,800***	**240.0**	**48.5**	**7,000***
210.0	36.8	9,400	210.0	38.5	10,100	220.0	39.6	9,200	220.0	42.3	10,300	230.0	42.0	9,200	230.0	45.6	10,900	250.0	41.1	7,600*	250.0	45.4	7,000*
220.0	**32.5**	**8,100**	**220.0**	**34.1**	**8,500**	**230.0**	**36.0**	**8,100**	**230.0**	**38.4**	**8,700**	**240.0**	**38.8**	**8,000**	**240.0**	**42.1**	**8,800**	**260.0**	**38.0**	**7,400***	**260.0**	**42.0**	**6,900***
225.7	30.0	7,200	228.3	30.0	7,200	240.0	29.2	6,800	240.0	34.1	7,400	250.0	35.3	6,900	250.0	38.3	7,800	270.0	34.6	6,700*	270.0	38.5	6,500
						244.7	**30.0**	**6,100**	**248.3**	**30.0**	**6,300**	**260.0**	**31.4**	**5,600**	**260.0**	**34.0**	**6,200**	**280.0**	**30.9**	**5,500***	**280.0**	**34.0**	**5,700**
												263.4	30.0	5,500	268.3	30.0	5,200	282.1	30.0	5,200*	288.0	30.0	4,400
Reeves		**2**	**Reeves**		**2**	**Reeves**		**2**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**

220' Boom

40 ft Jib						60 ft Jib						80 ft Jib						100 ft Jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
56.8	80.0	58,200*				63.6	80.0	46,500*				70.5	80.0	26,600*				77.4	80.0	14,700*			
60.0	**79.3**	**57,500***				**65.0**	**79.7**	**46,200***				**75.0**	**79.1**	**26,100***				**80.0**	**79.5**	**14,400***			
65.0	78.2	56,300*	68.8	80.0	42,100*	70.0	78.7	45,100*				80.0	78.1	25,600*				85.0	78.6	14,100*			
70.0	**77.0**	**55,300***	**70.0**	**79.7**	**42,000***	**75.0**	**77.6**	**44,100***				**85.0**	**77.2**	**24,900***				**90.0**	**77.7**	**13,700***			
75.0	75.9	54,300*	75.0	78.6	41,600*	80.0	76.6	43,200*	81.6	80.0	29,700*	90.0	76.2	24,500*	94.4	80.0	17,800*	95.0	76.7	13,400*			
80.0	**74.8**	**53,300***	**80.0**	**77.4**	**41,000***	**85.0**	**75.5**	**42,300***	**85.0**	**79.3**	**29,700***	**95.0**	**75.2**	**24,100***	**95.0**	**79.9**	**17,800***	**100.0**	**75.8**	**13,100***	**107.2**	**80.0**	**9,200***
85.0	73.6	52,500*	85.0	76.3	40,500*	90.0	74.4	41,300*	90.0	78.2	29,700*	100.0	74.2	23,600*	100.0	78.9	17,500*	110.0	73.9	12,600*	110.0	79.5	9,200*
90.0	**72.5**	**51,300***	**90.0**	**75.1**	**39,700***	**95.0**	**73.4**	**40,500***	**95.0**	**77.1**	**29,500***	**110.0**	**72.2**	**22,800***	**110.0**	**76.8**	**17,000***	**120.0**	**72.0**	**12,000***	**120.0**	**77.5**	**9,100***
95.0	71.3	48,600	95.0	73.9	38,900*	100.0	72.3	39,800*	100.0	76.0	29,100*	120.0	70.1	21,900*	120.0	74.7	16,400*	130.0	70.1	11,500*	130.0	75.6	8,800*
100.0	**70.1**	**45,500**	**100.0**	**72.7**	**38,000***	**110.0**	**70.1**	**38,300***	**110.0**	**73.8**	**28,400***	**130.0**	**68.0**	**21,000***	**130.0**	**72.6**	**16,100***	**140.0**	**68.1**	**11,000***	**140.0**	**73.5**	**8,500***
110.0	67.7	40,600	110.0	70.3	36,400*	120.0	67.9	36,800*	120.0	71.5	27,300*	140.0	65.9	20,300*	140.0	70.4	15,700*	150.0	66.2	10,600*	150.0	71.5	8,400*
120.0	**65.3**	**34,900**	**120.0**	**67.8**	**34,300***	**130.0**	**65.6**	**32,300***	**130.0**	**69.2**	**26,300***	**150.0**	**63.8**	**19,600***	**150.0**	**68.2**	**15,400***	**160.0**	**64.1**	**10,200***	**160.0**	**69.4**	**8,100***
130.0	62.9	30,300	130.0	65.3	30,900	140.0	63.3	27,600	140.0	66.8	25,300*	160.0	61.6	19,000*	160.0	65.9	15,100*	170.0	62.1	9,700*	170.0	67.3	7,900*
140.0	**60.3**	**26,300**	**140.0**	**62.7**	**27,600**	**150.0**	**61.0**	**24,100**	**150.0**	**64.4**	**24,300***	**170.0**	**59.3**	**18,300***	**170.0**	**63.6**	**14,700***	**180.0**	**60.0**	**9,400***	**180.0**	**65.1**	**7,800***
150.0	57.7	22,700	150.0	60.1	24,100	160.0	58.6	21,100	160.0	61.9	23,600*	180.0	57.0	17,800*	180.0	61.2	14,400*	190.0	57.8	9,200*	190.0	62.8	7,700*
160.0	**55.1**	**19,800**	**160.0**	**57.3**	**20,900**	**170.0**	**56.1**	**18,400**	**170.0**	**59.4**	**21,700***	**190.0**	**54.6**	**17,400***	**190.0**	**58.7**	**14,100***	**200.0**	**55.6**	**8,900***	**200.0**	**60.5**	**7,400***
170.0	52.3	17,100	170.0	54.5	18,000	180.0	53.5	15,900	180.0	56.7	18,300*	200.0	52.2	15,300*	200.0	56.2	14,000*	210.0	53.3	8,500*	210.0	58.1	7,400*
180.0	**49.4**	**14,600**	**180.0**	**51.5**	**15,700**	**190.0**	**50.9**	**13,900**	**190.0**	**54.0**	**15,700**	**210.0**	**49.6**	**12,300**	**210.0**	**53.5**	**13,600***	**220.0**	**50.9**	**8,300***	**220.0**	**55.6**	**7,200***
190.0	46.4	12,400	190.0	48.4	13,300	200.0	48.1	11,800	200.0	51.1	13,400	220.0	47.0	9,900	220.0	50.7	12,200*	230.0	48.5	8,100*	230.0	53.1	7,200*
200.0	**43.2**	**10,300**	**200.0**	**45.1**	**11,100**	**210.0**	**45.2**	**9,900**	**210.0**	**48.1**	**11,400**	**230.0**	**44.2**	**8,500**	**230.0**	**47.8**	**10,000**	**240.0**	**45.9**	**8,000***	**240.0**	**50.3**	**7,000***
210.0	39.8	9,000	210.0	41.5	9,200	220.0	42.1	8,600	220.0	44.8	9,700	240.0	41.2	7,200	240.0	44.6	8,400	250.0	43.2	7,700*	250.0	47.5	7,000*
220.0	**36.0**	**7,300**	**220.0**	**37.6**	**7,700**	**230.0**	**38.9**	**7,200**	**230.0**	**41.4**	**8,100**	**250.0**	**38.1**	**6,100**	**250.0**	**41.2**	**6,900**	**260.0**	**40.4**	**7,000***	**260.0**	**44.4**	**7,000***
230.0	32.0	6,100	230.0	33.3	6,500	240.0	35.3	6,000	240.0	37.6	6,800	260.0	34.6	5,100	260.0	37.5	5,700	270.0	37.3	6,000*	270.0	41.1	6,900*
234.5	**30.0**	**5,700**	**236.8**	**30.0**	**5,500**	**250.0**	**31.4**	**4,800**	**250.0**	**33.3**	**5,400**	**270.0**	**30.8**	**4,000**	**270.0**	**33.3**	**4,500**	**280.0**	**34.0**	**4,500***	**280.0**	**37.4**	**5,500**
						253.2	30.0	4,800	256.8	30.0	4,600	271.9	30.0	3,700	276.9	30.0	3,900	290.0	30.3	3,300*	290.0	33.3	4,000
																		290.6	30.0	3,300*	296.9	30.0	2,800
Reeves		**2**	**Reeves**		**2**	**Reeves**		**2**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**

Note: Designed and rated to comply with ANSI Code B30.5

Capacities based on factors other than machine stability such as structural competence are shown by asterisk * in the charts

Refer to notes P12 and P13

Fixed Jib Lifting Capacity (With 165 US t/110 US t Main Hook)

Unit: lbs

Counterweight: 199,300 lbs, Carbody weight: 60,500 lbs

230' Boom

40 ft Jib						60 ft Jib						80 ft Jib						100 ft Jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
58.7	80.0	58,200*				65.3	80.0	46,500*				72.2	80.0	26,400*				79.1	80.0	14,700*			
60.0	**79.7**	**57,900***				**70.0**	**79.1**	**45,600***				**75.0**	**79.5**	**26,100***				**80.0**	**79.8**	**14,700***			
65.0	78.6	56,800*				75.0	78.1	44,600*				80.0	78.5	25,600*				85.0	78.9	14,300*			
70.0	**77.5**	**55,700***	**70.5**	**80.0**	**42,100***	**80.0**	**77.0**	**43,600***	**83.3**	**80.0**	**29,700***	**85.0**	**77.6**	**25,100***				**90.0**	**78.1**	**14,000***			
75.0	76.4	54,700*	75.0	79.0	41,800*	85.0	76.0	42,600*	85.0	79.7	29,700*	90.0	76.6	24,600*				95.0	77.2	13,800*			
80.0	**75.3**	**53,800***	**80.0**	**77.9**	**41,300***	**90.0**	**75.0**	**41,700***	**90.0**	**78.6**	**29,700***	**95.0**	**75.7**	**24,100***	**96.4**	**80.0**	**17,800***	**100.0**	**76.3**	**13,300***	**109.2**	**80.0**	**9,400***
85.0	74.2	52,900*	85.0	76.8	40,800*	95.0	74.0	41,000*	95.0	77.6	29,500*	100.0	74.7	23,700*	100.0	79.3	17,500*	110.0	78.4	12,600*	110.0	79.8	9,400*
90.0	**73.1**	**51,300***	**90.0**	**75.7**	**40,100***	**100.0**	**72.9**	**40,200***	**100.0**	**76.5**	**29,200***	**110.0**	**72.8**	**22,800***	**110.0**	**77.3**	**17,000***	**120.0**	**72.6**	**12,200***	**120.0**	**78.0**	**9,100***
95.0	72.0	49,100	95.0	74.5	39,300*	110.0	70.8	38,700*	110.0	74.4	28,500*	120.0	70.8	22,100*	120.0	75.2	16,600*	130.0	70.7	11,700*	130.0	76.0	8,800*
100.0	**70.9**	**46,200**	**100.0**	**73.4**	**38,500***	**120.0**	**68.7**	**36,900***	**120.0**	**72.2**	**27,800***	**130.0**	**68.8**	**21,200***	**130.0**	**73.2**	**16,100***	**140.0**	**68.9**	**11,100***	**140.0**	**74.1**	**8,700***
110.0	68.6	39,900	110.0	71.1	36,800*	130.0	66.5	31,300	130.0	70.0	26,600*	140.0	66.8	20,500*	140.0	71.1	15,700*	150.0	66.9	10,800*	150.0	72.1	8,400*
120.0	**66.3**	**34,300**	**120.0**	**68.7**	**33,900**	**140.0**	**64.3**	**27,100**	**140.0**	**67.7**	**25,500***	**150.0**	**64.7**	**19,900***	**150.0**	**69.0**	**15,400***	**160.0**	**65.0**	**10,400***	**160.0**	**70.1**	**8,200***
130.0	64.0	29,600	130.0	66.3	30,800	150.0	62.1	23,400	150.0	65.4	24,700*	160.0	62.6	19,200*	160.0	66.8	15,100*	170.0	63.0	9,900*	170.0	68.1	8,100*
140.0	**61.5**	**25,600**	**140.0**	**63.9**	**26,900**	**160.0**	**59.8**	**20,400**	**160.0**	**63.1**	**23,600***	**170.0**	**60.4**	**18,500***	**170.0**	**64.6**	**14,700***	**180.0**	**61.0**	**9,600***	**180.0**	**66.0**	**7,800***
150.0	59.1	22,100	150.0	61.3	23,400	170.0	57.4	17,700	170.0	60.6	20,500*	180.0	58.2	16,100*	180.0	62.3	14,500*	190.0	58.9	9,200*	190.0	63.8	7,700*
160.0	**56.5**	**19,000**	**160.0**	**58.8**	**20,100**	**180.0**	**55.0**	**15,200**	**180.0**	**58.1**	**17,400***	**190.0**	**56.0**	**17,000***	**190.0**	**60.0**	**14,300***	**200.0**	**56.8**	**9,100***	**200.0**	**61.6**	**7,600***
170.0	53.9	16,200	170.0	56.1	17,300	190.0	52.5	12,800	190.0	55.5	15,000	200.0	53.6	13,900*	200.0	57.5	14,000*	210.0	54.6	8,800*	210.0	59.4	7,400*
180.0	**51.2**	**13,600**	**180.0**	**53.3**	**14,700**	**200.0**	**49.9**	**10,900**	**200.0**	**52.8**	**12,800**	**210.0**	**51.2**	**11,000**	**210.0**	**55.0**	**13,600***	**220.0**	**52.4**	**8,400***	**220.0**	**57.0**	**7,300***
190.0	48.4	11,500	190.0	50.4	12,400	210.0	47.2	9,200	210.0	50.0	10,700	220.0	48.7	9,200	220.0	52.4	11,500*	230.0	50.1	8,300*	230.0	54.6	7,200*
200.0	**45.4**	**9,700**	**200.0**	**47.3**	**10,200**	**220.0**	**44.4**	**7,900**	**220.0**	**47.1**	**9,100**	**230.0**	**46.1**	**7,800**	**230.0**	**49.7**	**8,900**	**240.0**	**47.7**	**8,000***	**240.0**	**52.0**	**7,200***
210.0	42.3	7,900	210.0	44.1	8,500	230.0	41.4	6,500	230.0	43.9	7,600	240.0	43.4	6,500	240.0	46.8	7,600	250.0	45.1	7,400*	250.0	49.4	7,000*
220.0	**38.9**	**6,800**	**220.0**	**40.6**	**7,100**	**240.0**	**38.1**	**5,200**	**240.0**	**40.5**	**6,200**	**250.0**	**40.5**	**5,400**	**250.0**	**43.7**	**6,300**	**260.0**	**42.5**	**6,200***	**260.0**	**46.5**	**7,000***
230.0	35.3	5,400	230.0	36.8	5,600	250.0	34.6	4,100	250.0	36.8	4,700	260.0	37.4	4,500	260.0	40.4	5,100	270.0	39.7	4,900*	270.0	43.5	6,400*
240.0	**31.3**	**4,200**	**240.0**	**32.6**	**4,400**	**260.0**	**30.8**	**3,100**	**260.0**	**32.6**	**3,900**	**270.0**	**34.0**	**3,400**	**270.0**	**36.7**	**4,000**	**280.0**	**35.7**	**3,300***	**280.0**	**40.3**	**4,900**
243.1	30.0	3,900	245.4	30.0	3,700	261.8	30.0	2,800	265.4	30.0	3,000	275.5	32.0	2,900	280.0	32.6	3,000	288.7	33.8	2,800	290.0	36.7	3,300
															282.1	**31.6**	**2,800**				**295.2**	**34.6**	**2,800**
Reeves		**2**	**Reeves**		**2**	**Reeves**		**2**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**

240' Boom

40 ft Jib						60 ft Jib						80 ft Jib						100 ft Jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
60.3	80.0	58,200*				67.2	80.0	46,500*				73.8	80.0	26,600*				80.7	80.0	14,700*			
65.0	**79.0**	**57,200***				**70.0**	**79.4**	**45,900***				**75.0**	**79.8**	**26,500***				**85.0**	**79.3**	**14,300***			
70.0	78.0	56,200*	72.1	80.0	42,100*	75.0	78.5	44,800*				80.0	78.9	25,800*				90.0	78.4	14,000*			
75.0	**76.9**	**55,200***	**75.0**	**79.4**	**41,800***	**80.0**	**77.5**	**43,800***				**85.0**	**78.0**	**25,300***				**95.0**	**77.5**	**13,700***			
80.0	75.9	54,200*	80.0	78.4	41,300*	85.0	76.5	43,000*	85.3	80.0	29,700*	90.0	77.1	24,800*				100.0	76.7	13,500*			
85.0	**74.8**	**53,400***	**85.0**	**77.3**	**41,000***	**90.0**	**75.5**	**42,200***	**90.0**	**79.0**	**29,700***	**95.0**	**76.1**	**24,400***	**98.0**	**80.0**	**17,800***	**110.0**	**74.9**	**12,600***	**110.8**	**80.0**	**9,400***
90.0	73.8	51,400*	90.0	76.2	40,500*	95.0	74.5	41,300*	95.0	78.0	29,600*	100.0	75.2	24,000*	100.0	79.6	17,500*	120.0	73.1	12,200*	120.0	78.3	9,100*
95.0	**72.7**	**48,700**	**95.0**	**75.1**	**39,800***	**100.0**	**73.5**	**40,500***	**100.0**	**77.0**	**29,400***	**110.0**	**73.3**	**23,200***	**110.0**	**77.7**	**17,200***	**130.0**	**71.3**	**11,700***	**130.0**	**76.5**	**9,000***
100.0	71.6	45,400	100.0	74.0	38,900*	110.0	71.5	39,200*	110.0	74.9	28,700*	120.0	71.4	22,300*	120.0	75.7	16,600*	140.0	69.5	11,300*	140.0	74.6	8,700*
110.0	**69.4**	**39,100**	**110.0**	**71.8**	**37,200***	**120.0**	**69.5**	**36,900***	**120.0**	**72.8**	**28,000***	**130.0**	**69.5**	**21,600***	**130.0**	**73.8**	**16,300***	**150.0**	**67.7**	**10,800***	**150.0**	**72.7**	**8,400***
120.0	67.2	33,700	120.0	69.5	33,700	130.0	67.4	30,700	130.0	70.7	27,000*	140.0	67.5	21,000*	140.0	71.8	16,000*	160.0	65.6	10,400*	160.0	70.8	8,200*
130.0	**65.0**	**29,000**	**130.0**	**67.3**	**30,500**	**140.0**	**65.3**	**26,500**	**140.0**	**68.6**	**26,000***	**150.0**	**65.6**	**20,300***	**150.0**	**69.7**	**15,600***	**170.0**	**63.9**	**10,100***	**170.0**	**68.8**	**8,100***
140.0	62.7	24,900	140.0	64.9	26,700	150.0	63.1	23,000	150.0	66.3	25,000*	160.0	63.5	19,600*	160.0	67.6	15,300*	180.0	62.0	9,800*	180.0	66.8	7,900*
150.0	**60.3**	**21,400**	**150.0**	**62.5**	**22,800**	**160.0**	**60.9**	**19,900**	**160.0**	**64.1**	**23,700***	**170.0**	**61.5**	**19,000***	**170.0**	**65.5**	**15,000***	**190.0**	**60.0**	**9,400***	**190.0**	**64.7**	**7,700***
160.0	57.9	18,400	160.0	60.1	19,900	170.0	58.7	17,100	170.0	61.8	19,900*	180.0	59.4	18,400*	180.0	63.3	14,600*	200.0	57.9	9,100*	200.0	62.6	7,600*
170.0	**55.4**	**15,700**	**170.0**	**57.5**	**16,900**	**180.0**	**56.4**	**14,600**	**180.0**	**59.4**	**16,800**	**190.0**	**57.2**	**15,900***	**190.0**	**61.1**	**14,300***	**210.0**	**55.9**	**8,800***	**210.0**	**60.5**	**7,400***
180.0	52.9	13,100	180.0	54.9	14,300	190.0	54.0	12,400	190.0	57.0	14,600	200.0	55.0	12,800*	200.0	58.8	14,200*	220.0	53.7	8,700*	220.0	58.3	7,300*
190.0	**50.2**	**11,000**	**190.0**	**52.2**	**11,900**	**200.0**	**51.5**	**10,300**	**200.0**	**54.4**	**12,300**	**210.0**	**52.7**	**10,300**	**210.0**	**56.4**	**13,200***	**230.0**	**51.5**	**8,300***	**230.0**	**56.0**	**7,200***
200.0	47.4	9,100	200.0	49.3	9,800	210.0	49.0	8,800	210.0	51.8	10,300	220.0	50.3	8,700	220.0	54.0	11,000*	240.0	49.2	8,100*	240.0	53.6	7,200*
210.0	**44.6**	**7,700**	**210.0**	**46.4**	**8,300**	**220.0**	**46.3**	**7,400**	**220.0**	**49.0**	**8,500**	**230.0**	**47.9**	**7,400**	**230.0**	**51.4**	**8,700**	**250.0**	**46.9**	**6,900***	**250.0**	**51.1**	**7,000***
220.0	41.5	6,200	220.0	43.2	6,600	230.0	43.6	6,100	230.0	46.1	7,200	240.0	45.3	6,200	240.0	48.7	7,300	260.0	44.4	5,700*	260.0	48.4	6,900*
230.0	**38.2**	**5,000**	**230.0**	**39.8**	**5,200**	**240.0**	**40.5**	**4,600**	**240.0**	**43.0**	**5,800**	**250.0**	**42.6**	**5,000**	**250.0**	**45.9**	**6,000**	**270.0**	**41.8**	**4,400***	**270.0**	**45.7**	**6,000***
240.0	34.6	3,800	240.0	36.0	3,600	250.0	37.4	3,600	250.0	39.7	4,500	260.0	39.8	3,900	260.0	42.5	4,700	280.0	39.0	2,800	280.0	42.7	4,500
242.7	**33.6**	**3,500**	**249.3**	**32.2**	**2,800**	**255.9**	**35.5**	**2,800**	**260.0**	**36.0**	**3,300**	**269.0**	**37.0**	**3,000**	**270.0**	**39.5**	**3,600**	**282.1**	**38.4**	**2,600**	**288.7**	**39.9**	**2,800**
									282.4	35.1	3,000				275.5	37.6	3,000						
Reeves		**2**	**Reeves**		**2**	**Reeves**		**2**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**

Note: Designed and rated to comply with ANSI Code B30.5

Capacities based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.

Refer to notes P12 and P13.

LIFTING CAPACITY

Fixed Jib Lifting Capacity (With 165 US t/110 US t Main Hook)

Unit: lbs

Counterweight: 199,300 lbs, Carbody weight: 60,500 lbs

250' Boom

40 ft Jib						60 ft Jib						80 ft Jib						100 ft Jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
62.0	80.0	58,200*				68.9	80.0	46,500*				75.7	80.0	26,400*				82.6	80.0	14,700*			
65.0	**79.4**	**57,600***				**70.0**	**79.8**	**46,200***				**80.0**	**79.2**	**26,100***				**85.0**	**79.6**	**14,500***			
70.0	78.4	56,600*	74.1	80.0	42,100*	75.0	78.8	45,200*				85.0	78.3	25,600*				90.0	78.8	14,200*			
75.0	**77.4**	**55,600***	**75.0**	**79.8**	**42,000***	**80.0**	**77.9**	**44,300***				**90.0**	**77.5**	**25,000***				**95.0**	**77.9**	**13,800***			
80.0	76.6	54,400*	80.0	78.8	41,500*	85.0	76.9	43,400*	86.9	80.0	29,700*	95.0	76.6	24,700*	99.7	80.0	17,600*	100.0	77.1	13,500*			
85.0	**75.4**	**52,700***	**85.0**	**77.7**	**41,200***	**90.0**	**76.0**	**42,600***	**90.0**	**79.4**	**29,700***	**100.0**	**75.7**	**24,300***	**100.0**	**79.9**	**17,600***	**110.0**	**75.4**	**13,000***	**112.5**	**80.0**	**9,400***
90.0	74.3	51,100*	90.0	76.7	40,700*	95.0	75.0	41,800*	95.0	78.4	29,600*	110.0	73.8	23,400*	110.0	78.1	17,200*	120.0	73.6	12,500*	120.0	78.7	9,200*
95.0	**73.3**	**47,600**	**95.0**	**75.7**	**40,100***	**100.0**	**74.1**	**41,000***	**100.0**	**77.4**	**29,400***	**120.0**	**72.0**	**22,500***	**120.0**	**76.2**	**16,800***	**130.0**	**71.9**	**11,900***	**130.0**	**76.9**	**9,000***
100.0	72.3	43,500	100.0	74.6	39,400*	110.0	72.1	39,600*	110.0	75.4	28,900*	130.0	70.1	21,900*	130.0	74.3	16,300*	140.0	70.1	11,500*	140.0	75.1	8,700*
110.0	**70.2**	**37,800**	**110.0**	**72.5**	**37,700***	**120.0**	**70.2**	**36,800***	**120.0**	**73.4**	**28,300***	**140.0**	**68.3**	**21,200***	**140.0**	**72.4**	**16,000***	**150.0**	**68.4**	**11,000***	**150.0**	**73.3**	**8,500***
120.0	68.0	33,000	120.0	70.3	33,500	130.0	68.2	29,900	130.0	71.4	27,200*	150.0	66.4	20,500*	150.0	70.4	15,600*	160.0	66.5	10,700*	160.0	71.4	8,300*
130.0	**65.9**	**28,300**	**130.0**	**68.1**	**30,300**	**140.0**	**66.1**	**26,000**	**140.0**	**69.3**	**26,200***	**160.0**	**64.4**	**19,800***	**160.0**	**68.4**	**15,300***	**170.0**	**64.7**	**10,300***	**170.0**	**69.5**	**8,100***
140.0	63.7	24,500	140.0	65.9	26,000	150.0	64.1	22,300	150.0	67.2	25,400*	170.0	62.4	19,200*	170.0	66.4	15,000*	180.0	62.8	9,800*	180.0	67.6	8,000*
150.0	**61.4**	**21,000**	**150.0**	**63.5**	**22,300**	**160.0**	**62.0**	**19,300**	**160.0**	**65.1**	**23,100***	**180.0**	**60.4**	**18,100***	**180.0**	**64.3**	**14,700***	**190.0**	**60.9**	**9,700***	**190.0**	**65.6**	**7,700***
160.0	59.1	17,900	160.0	61.2	19,300	170.0	59.8	16,400	170.0	62.8	18,900*	190.0	58.4	14,800*	190.0	62.2	14,500*	200.0	59.0	9,300*	200.0	63.6	7,700*
170.0	**56.8**	**14,900**	**170.0**	**58.8**	**16,200**	**180.0**	**57.6**	**13,800**	**180.0**	**60.6**	**16,500**	**200.0**	**56.2**	**11,700**	**200.0**	**60.0**	**14,200***	**210.0**	**57.0**	**9,000***	**210.0**	**61.5**	**7,400***
180.0	54.4	12,300	180.0	56.4	13,600	190.0	55.4	11,700	190.0	58.3	13,900	210.0	54.1	9,600	210.0	57.7	12,700*	220.0	55.0	8,700*	220.0	59.4	7,300*
190.0	**51.9**	**10,400**	**190.0**	**53.8**	**11,300**	**200.0**	**53.0**	**9,800**	**200.0**	**55.9**	**11,700**	**220.0**	**51.8**	**8,100**	**220.0**	**55.4**	**10,000**	**230.0**	**52.9**	**8,500***	**230.0**	**57.2**	**7,200***
200.0	49.3	8,600	200.0	51.1	9,300	210.0	50.6	8,100	210.0	53.4	9,900	230.0	49.5	6,900	230.0	53.0	8,100	240.0	50.7	7,600*	240.0	54.9	7,200*
210.0	**46.6**	**7,000**	**210.0**	**48.4**	**7,700**	**220.0**	**48.1**	**6,600**	**220.0**	**50.8**	**8,200**	**240.0**	**47.1**	**5,500**	**240.0**	**50.5**	**6,700**	**250.0**	**48.5**	**6,300***	**250.0**	**52.6**	**7,200***
220.0	43.7	5,500	220.0	45.4	6,000	230.0	45.5	5,200	230.0	48.1	6,700	250.0	44.6	4,300	250.0	47.8	5,400	260.0	46.1	4,800*	260.0	50.1	6,600*
230.0	**40.7**	**4,100**	**230.0**	**42.3**	**4,500**	**240.0**	**42.8**	**4,100**	**240.0**	**45.2**	**5,300**	**260.0**	**41.9**	**3,300**	**260.0**	**45.0**	**4,200**	**270.0**	**43.7**	**3,200**	**270.0**	**47.6**	**5,500***
240.0	37.5	3,000	240.0	39.0	3,300	249.3	40.1	3,000	250.0	42.2	4,100	262.4	41.2	3,000	270.0	42.0	3,200	275.5	42.3	2,600	280.0	44.8	3,700*
242.7	**36.6**	**2,600**	**242.7**	**38.0**	**3,000**				**260.0**	**38.9**	**2,900**				**275.5**	**40.3**	**2,600**				**288.7**	**42.3**	**2,600**
									262.4	38.0	2,600												
Reeves		2	Reeves		2	Reeves		2	Reeves		1	Reeves		1	Reeves		1	Reeves		1	Reeves		1

Note: Designed and rated to comply with ANSI Code B30.5

Capacities based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.

Refer to notes P12 and P13.

Fixed Jib Lifting Capacity (With 275 US t Main Hook)

Unit: lbs

Counterweight: 199,300 lbs, Carbody weight: 60,500 lbs

90' Boom

40 ft Jib						60 ft Jib						80 ft Jib						100 ft Jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
34.1	80.0	59,500*				41.0	80.0	46,700*				47.9	80.0	26,600*				54.8	80.0	14,900*			
36.0	**79.2**	**58,300***				**42.0**	**79.6**	**45,300***				**48.0**	**79.9**	**26,600***				**55.0**	**79.9**	**14,900***			
38.0	78.3	57,000*				44.0	78.9	45,600*				50.0	79.3	26,300*				60.0	78.4	14,200*			
40.0	**77.4**	**55,900***				**46.0**	**78.1**	**44,900***				**55.0**	**77.5**	**25,500***				**65.0**	**76.8**	**13,700***			
42.0	76.5	55,100*				48.0	77.3	44,200*				60.0	75.6	24,500*				70.0	75.2	13,200*			
44.0	**75.6**	**54,300***				**50.0**	**76.5**	**43,400***				**65.0**	**74.0**	**23,600***				**75.0**	**73.6**	**12,700***			
46.0	74.7	53,500*	46.2	80.0	42,500*	55.0	74.5	41,700*	59.0	80.0	29,700*	70.0	72.2	23,000*	71.8	80.0	18,000*	80.0	72.0	12,200*	84.9	80.0	9,700*
48.0	**73.8**	**52,600***	**48.0**	**79.2**	**42,100***	**60.0**	**72.5**	**40,200***	**60.0**	**79.6**	**29,700***	**75.0**	**70.4**	**22,300***	**75.0**	**78.9**	**17,700***	**85.0**	**70.4**	**11,700***	**85.0**	**79.9**	**9,700***
50.0	72.8	51,700*	50.0	78.2	41,700*	65.0	70.4	38,700*	65.0	77.5	29,700*	80.0	68.5	21,600*	80.0	76.9	17,200*	90.0	68.7	11,300*	90.0	78.2	9,300*
55.0	**70.5**	**49,600***	**55.0**	**75.8**	**40,500***	**70.0**	**68.4**	**37,500***	**70.0**	**75.4**	**29,100***	**85.0**	**66.7**	**20,700***	**85.0**	**75.0**	**16,700***	**95.0**	**67.0**	**11,000***	**95.0**	**76.5**	**9,100***
60.0	68.1	47,700*	60.0	73.4	39,100*	75.0	66.2	36,300*	75.0	73.2	28,400*	90.0	64.8	20,200*	90.0	73.0	16,400*	100.0	65.3	10,600*	100.0	74.7	8,900*
65.0	**65.7**	**45,800***	**65.0**	**70.9**	**37,200***	**80.0**	**64.1**	**35,100***	**80.0**	**70.9**	**27,500***	**95.0**	**62.8**	**19,600***	**95.0**	**71.0**	**16,100***	**110.0**	**61.8**	**10,000***	**110.0**	**71.0**	**8,400***
70.0	63.2	44,300*	70.0	68.3	35,700*	85.0	61.9	34,000*	85.0	68.6	26,500*	100.0	60.8	19,000*	100.0	68.9	15,700*	120.0	58.1	9,400*	120.0	67.2	8,100*
75.0	**60.7**	**42,700***	**75.0**	**65.7**	**34,300***	**90.0**	**59.6**	**32,200***	**90.0**	**66.3**	**25,500***	**110.0**	**56.7**	**18,000***	**110.0**	**64.6**	**15,000***	**130.0**	**54.2**	**8,900***	**130.0**	**63.1**	**7,900***
80.0	58.1	41,300*	80.0	62.9	33,200*	95.0	57.3	30,500*	95.0	63.6	24,600*	120.0	52.3	17,000*	120.0	59.9	14,400*	140.0	50.1	8,500*	140.0	58.7	7,600*
85.0	**55.4**	**39,900***	**85.0**	**60.1**	**32,000***	**100.0**	**54.9**	**29,100***	**100.0**	**61.3**	**23,700***	**130.0**	**47.5**	**16,200***	**130.0**	**54.9**	**13,900***	**150.0**	**45.7**	**8,100***	**150.0**	**54.0**	**7,300***
90.0	52.6	38,600*	90.0	57.2	31,000*	110.0	49.8	26,500*	110.0	56.0	22,200*	140.0	42.4	15,500*	140.0	49.3	13,600*	160.0	40.8	7,800*	160.0	48.7	7,200*
95.0	**49.5**	**37,500***	**95.0**	**54.1**	**30,100***	**120.0**	**44.3**	**24,500***	**120.0**	**50.0**	**21,100***	**150.0**	**36.6**	**15,000***	**150.0**	**42.8**	**13,400***	**170.0**	**35.3**	**7,300***	**170.0**	**42.5**	**7,000***
100.0	46.5	36,400*	100.0	50.9	29,300*	130.0	38.0	22,800*	130.0	43.2	20,300*	159.4	30.0	14,500*	160.0	34.4	13,400*	178.1	30.0	6,800*	180.0	34.4	6,500
110.0	**39.8**	**34,400***	**110.0**	**43.6**	**28,100***	**140.0**	**30.6**	**21,400***	**140.0**	**34.5**	**19,700***				**164.3**	**30.0**	**13,400***				**184.3**	**30.0**	**6,100**
120.0	31.7	32,300*	120.0	34.6	27,400*	140.7	30.0	21,300*	144.3	30.0	19,600*												
121.7	**30.0**	**31,900***	**124.3**	**30.0**	**27,300***																		
Reeves		**2**	**Reeves**		**2**	**Reeves**		**2**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**

100' Boom

40 ft Jib						60 ft Jib						80 ft Jib						100 ft Jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
36.1	80.0	58,200*				43.0	80.0	46,700*				49.5	80.0	26,600*				56.4	80.0	14,900*			
38.0	**79.2**	**57,500***				**44.0**	**79.6**	**46,300***				**50.0**	**79.9**	**26,600***				**60.0**	**79.0**	**14,400***			
40.0	78.3	56,800*				46.0	78.8	45,600*				55.0	78.3	25,800*				65.0	77.5	13,900*			
42.0	**77.5**	**56,000***				**48.0**	**78.1**	**44,900***				**60.0**	**76.6**	**24,900***				**70.0**	**76.0**	**13,400***			
44.0	76.7	55,200*				50.0	77.4	44,200*				65.0	74.9	24,100*				75.0	74.5	12,900*			
46.0	**75.8**	**54,400***	**47.9**	**80.0**	**42,500***	**55.0**	**75.5**	**42,600***				**70.0**	**73.2**	**23,400***	**73.8**	**80.0**	**18,000***	**80.0**	**72.9**	**12,400***			
48.0	75.0	53,700*	48.0	79.9	42,500*	60.0	73.6	41,100*	61.0	80.0	29,700*	75.0	71.5	22,700*	75.0	79.5	17,900*	85.0	71.4	12,100*	88.6	80.0	9,700*
50.0	**74.1**	**53,000***	**50.0**	**79.1**	**42,100***	**65.0**	**71.7**	**39,600***	**65.0**	**78.4**	**29,700***	**80.0**	**69.8**	**22,000***	**80.0**	**77.8**	**17,500***	**90.0**	**69.8**	**11,600***	**90.0**	**78.9**	**9,500***
55.0	71.9	51,400*	55.0	76.9	41,100*	70.0	69.8	38,400*	70.0	76.4	29,300*	85.0	68.1	21,400*	85.0	75.9	17,000*	95.0	68.3	11,200*	95.0	77.2	9,200*
60.0	**69.8**	**49,700***	**60.0**	**74.7**	**40,000***	**75.0**	**67.8**	**37,200***	**75.0**	**74.4**	**28,800***	**90.0**	**66.3**	**20,700***	**90.0**	**74.1**	**16,600***	**100.0**	**66.6**	**10,900***	**100.0**	**75.6**	**8,900***
65.0	67.6	48,400*	65.0	72.4	38,300*	80.0	65.9	36,100*	80.0	72.3	28,100*	95.0	64.5	20,000*	95.0	72.2	16,300*	110.0	63.4	10,200*	110.0	72.1	8,600*
70.0	**65.3**	**46,900***	**70.0**	**70.1**	**36,800***	**85.0**	**63.8**	**35,100***	**85.0**	**70.2**	**27,100***	**100.0**	**62.5**	**19,400***	**100.0**	**70.3**	**15,900***	**120.0**	**60.0**	**9,600***	**120.0**	**68.6**	**8,300***
75.0	63.0	45,500*	75.0	67.7	35,300*	90.0	61.8	33,700*	90.0	68.0	26,100*	110.0	58.8	18,400*	110.0	66.3	15,300*	130.0	56.4	9,100*	130.0	64.8	7,900*
80.0	**60.6**	**44,200***	**80.0**	**65.2**	**34,000***	**95.0**	**59.6**	**32,200***	**95.0**	**65.8**	**25,200***	**120.0**	**54.9**	**17,500***	**120.0**	**62.1**	**14,700***	**140.0**	**52.7**	**8,700***	**140.0**	**60.9**	**7,700***
85.0	58.2	43,000*	85.0	62.7	32,900*	100.0	57.5	30,600*	100.0	63.6	24,400*	130.0	50.6	16,800*	130.0	57.7	14,100*	150.0	48.7	8,400*	150.0	56.7	7,500*
90.0	**55.7**	**41,700***	**90.0**	**60.1**	**32,000***	**110.0**	**52.9**	**27,900***	**110.0**	**58.8**	**22,900***	**140.0**	**46.1**	**15,900***	**140.0**	**52.8**	**13,800***	**160.0**	**44.4**	**8,000***	**160.0**	**52.0**	**7,200***
95.0	53.1	40,300*	95.0	57.4	31,100*	120.0	48.0	25,800*	120.0	53.6	21,800*	150.0	41.1	15,400*	150.0	47.4	13,400*	170.0	39.7	7,700*	170.0	46.9	7,200*
100.0	**50.4**	**39,000***	**100.0**	**54.5**	**30,200***	**130.0**	**42.7**	**24,000***	**130.0**	**47.9**	**20,800***	**160.0**	**35.4**	**14,800***	**160.0**	**41.0**	**13,400***	**180.0**	**34.3**	**7,300***	**180.0**	**40.7**	**6,800***
110.0	44.7	36,500*	110.0	48.6	28,800*	140.0	36.6	22,400*	140.0	41.3	20,100*	167.9	30.0	14,500*	170.0	33.0	13,400*	187.0	30.0	6,600*	190.0	33.0	6,400
120.0	**38.2**	**34,100***	**120.0**	**41.7**	**27,800***	**149.2**	**30.0**	**21,300***	**150.0**	**33.0**	**19,600***				**172.9**	**30.0**	**13,400***				**192.9**	**30.0**	**6,100**
130.0	30.5	31,800*	130.0	33.0	27,300*				152.8	30.0	19,600*												
130.5	**30.0**	**31,700***	**132.8**	**30.0**	**27,300***																		
Reeves		**2**	**Reeves**		**2**	**Reeves**		**2**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**

Note: Designed and rated to comply with ANSI Code B30.5

Capacities based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.

Refer to notes P12 and P13.

LIFTING CAPACITY

Fixed Jib Lifting Capacity (With 275 US t Main Hook)

Unit: lbs

Counterweight: 199,300 lbs, Carbody weight: 60,500 lbs

110' Boom

40 ft Jib						60 ft Jib						80 ft Jib						100 ft Jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
37.7	80.0	58,400*				44.6	80.0	46,700*				51.5	80.0	26,600*				58.4	80.0	14,700*			
38.0	**79.9**	**58,300***				**46.0**	**79.5**	**45,200***				**55.0**	**78.9**	**26,200***				**60.0**	**79.5**	**14,600***			
40.0	79.1	57,700*				48.0	78.6	45,600*				60.0	77.3	25,400*				65.0	78.1	14,100*			
42.0	**78.3**	**56,900***				**50.0**	**78.1**	**44,900***				**65.0**	**75.8**	**24,500***				**70.0**	**76.7**	**13,600***			
44.0	77.6	56,100*				55.0	76.4	43,300*				70.0	74.2	23,800*				75.0	75.2	13,100*			
46.0	**76.8**	**55,300***				**60.0**	**74.6**	**41,800***	**62.6**	**80.0**	**29,700***	**75.0**	**72.6**	**23,200***	**75.4**	**80.0**	**17,800***	**80.0**	**73.8**	**12,700***			
48.0	76.0	54,600*	49.8	80.0	42,500*	65.0	72.6	40,500*	65.0	79.1	29,700*	80.0	70.9	22,500*	80.0	78.5	17,500*	85.0	72.3	12,300*	88.2	80.0	9,700*
50.0	**75.2**	**53,900***	**50.0**	**79.9**	**42,500***	**70.0**	**71.1**	**39,300***	**70.0**	**77.3**	**29,600***	**85.0**	**69.3**	**21,800***	**85.0**	**76.8**	**17,200***	**90.0**	**70.9**	**11,800***	**90.0**	**79.5**	**9,500***
55.0	73.2	52,300*	55.0	77.9	41,400*	75.0	69.2	38,100*	75.0	75.4	29,100*	90.0	67.6	21,100*	90.0	75.0	16,800*	95.0	69.4	11,400*	95.0	77.9	9,300*
60.0	**71.2**	**50,800***	**60.0**	**75.8**	**40,500***	**80.0**	**67.4**	**37,000***	**80.0**	**73.5**	**28,400***	**95.0**	**66.0**	**20,600***	**95.0**	**73.3**	**16,400***	**100.0**	**67.9**	**11,100***	**100.0**	**76.4**	**9,100***
65.0	69.1	49,300*	65.0	73.7	39,100*	85.0	65.5	35,900*	85.0	71.5	27,800*	100.0	64.2	20,000*	100.0	71.5	16,000*	110.0	64.8	10,400*	110.0	73.2	8,600*
70.0	**67.1**	**47,900***	**70.0**	**71.5**	**37,600***	**90.0**	**63.6**	**34,900***	**90.0**	**69.5**	**26,800***	**110.0**	**60.7**	**18,800***	**110.0**	**67.8**	**15,500***	**120.0**	**61.6**	**9,800***	**120.0**	**69.8**	**8,300***
75.0	64.9	46,600*	75.0	69.4	36,200*	95.0	61.6	33,600*	95.0	67.5	25,900*	120.0	57.1	16,100*	120.0	64.0	14,900*	130.0	58.3	9,300*	130.0	66.4	8,100*
80.0	**62.8**	**45,300***	**80.0**	**67.1**	**35,000***	**100.0**	**59.7**	**32,100***	**100.0**	**65.4**	**25,000***	**130.0**	**53.2**	**17,200***	**130.0**	**59.9**	**14,400***	**140.0**	**54.8**	**8,900***	**140.0**	**62.7**	**7,800***
85.0	60.6	44,100*	85.0	64.9	34,000*	110.0	55.5	29,400*	110.0	61.1	23,500*	140.0	49.1	16,300*	140.0	55.6	14,000*	150.0	51.2	8,400*	150.0	58.9	7,500*
90.0	**58.3**	**43,100***	**90.0**	**62.5**	**33,000***	**120.0**	**51.2**	**27,100***	**120.0**	**56.5**	**22,400***	**150.0**	**44.7**	**15,700***	**150.0**	**50.9**	**13,600***	**160.0**	**47.3**	**8,200***	**160.0**	**54.8**	**7,400***
95.0	56.0	42,000*	95.0	60.1	31,900*	130.0	46.5	25,100*	130.0	51.6	21,200*	160.0	39.8	15,200*	160.0	45.6	13,400*	170.0	43.2	7,900*	170.0	50.3	7,200*
100.0	**53.6**	**40,800***	**100.0**	**57.6**	**31,000***	**140.0**	**41.3**	**23,500***	**140.0**	**46.0**	**20,500***	**170.0**	**34.3**	**14,700***	**170.0**	**39.4**	**13,400***	**180.0**	**38.5**	**7,600***	**180.0**	**45.2**	**7,100***
110.0	48.5	38,500*	110.0	52.3	29,700*	150.0	35.4	22,100*	150.0	39.6	19,900*	176.8	30.0	14,500*	180.0	31.5	13,400*	190.0	33.3	7,000*	190.0	39.3	6,600*
120.0	**43.0**	**35,400***	**120.0**	**46.5**	**28,400***	**158.1**	**30.0**	**21,300***	**160.0**	**31.5**	**19,600***				**181.7**	**30.0**	**13,400***	**195.5**	**30.0**	**6,600***	**200.0**	**31.5**	**6,000**
130.0	36.8	30,900*	130.0	39.8	27,600*				161.7	30.0	19,600*										201.4	30.0	5,900
139.1	**30.0**	**27,100***	**140.0**	**31.5**	**27,200***																		
			141.7	30.0	27,100*																		
Reeves		**2**	**Reeves**		**2**	**Reeves**		**2**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**

120' Boom

40 ft Jib						60 ft Jib						80 ft Jib						100 ft Jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
39.4	80.0	58,600*				46.3	80.0	46,700*				53.1	80.0	26,600*				60.0	80.0	14,900*			
40.0	**79.8**	**58,400***				**48.0**	**79.4**	**46,100***				**55.0**	**79.5**	**26,300***				**65.0**	**78.7**	**14,400***			
42.0	79.1	57,600*				50.0	78.6	45,500*				60.0	78.0	25,600*				70.0	77.3	13,800*			
44.0	**78.3**	**56,900***				**55.0**	**77.2**	**43,900***				**65.0**	**76.5**	**24,700***				**75.0**	**75.9**	**13,300***			
46.0	77.6	56,100*				60.0	75.5	42,500*	64.3	80.0	29,700*	70.0	75.0	24,100*				80.0	74.6	12,900*			
48.0	**76.9**	**55,500***				**65.0**	**73.8**	**41,100***	**65.0**	**79.8**	**29,700***	**75.0**	**73.5**	**23,400***	**77.0**	**80.0**	**17,800***	**85.0**	**73.2**	**12,500***			
50.0	76.1	54,800*	51.5	80.0	42,500*	70.0	72.2	39,900*	70.0	78.0	29,700*	80.0	72.0	22,800*	80.0	79.1	17,700*	90.0	71.8	12,000*	90.2	80.0	9,400*
55.0	**74.3**	**53,200***	**55.0**	**78.7**	**41,900***	**75.0**	**70.5**	**38,700***	**75.0**	**76.3**	**29,300***	**85.0**	**70.4**	**22,200***	**85.0**	**77.5**	**17,400***	**95.0**	**70.4**	**11,600***	**95.0**	**78.6**	**9,300***
60.0	72.4	51,700*	60.0	76.7	41,000*	80.0	68.7	37,600*	80.0	74.5	28,700*	90.0	68.8	21,600*	90.0	75.9	16,900*	100.0	68.9	11,300*	100.0	77.1	9,200*
65.0	**70.5**	**50,200***	**65.0**	**74.8**	**40,000***	**85.0**	**67.0**	**36,600***	**85.0**	**72.7**	**28,200***	**95.0**	**67.3**	**21,000***	**95.0**	**74.3**	**16,500***	**110.0**	**66.0**	**10,600***	**110.0**	**74.0**	**8,800***
70.0	68.6	48,800*	70.0	72.8	38,500*	90.0	65.2	35,800*	90.0	70.8	27,400*	100.0	65.7	20,500*	100.0	72.6	16,200*	120.0	63.0	10,000*	120.0	70.9	8,500*
75.0	**66.6**	**47,600***	**75.0**	**70.8**	**37,100***	**95.0**	**63.4**	**34,800***	**95.0**	**69.0**	**26,500***	**110.0**	**62.4**	**19,300***	**110.0**	**69.2**	**15,700***	**130.0**	**60.0**	**9,500***	**130.0**	**67.7**	**8,100***
80.0	64.6	46,400*	80.0	68.7	35,800*	100.0	61.6	33,600*	100.0	67.1	25,700*	120.0	59.0	18,500*	120.0	65.6	15,100*	140.0	56.7	9,100*	140.0	64.3	7,800*
85.0	**62.6**	**45,200***	**85.0**	**66.7**	**34,600***	**110.0**	**57.8**	**30,800***	**110.0**	**63.1**	**24,200***	**130.0**	**55.4**	**17,700***	**130.0**	**61.9**	**14,600***	**150.0**	**53.4**	**8,800***	**150.0**	**60.8**	**7,700***
90.0	60.5	44,000*	90.0	64.5	33,600*	120.0	53.8	28,400*	120.0	59.0	22,900*	140.0	51.7	16,800*	140.0	57.9	14,200*	160.0	49.9	8,300*	160.0	57.0	7,400*
95.0	**58.4**	**42,900***	**95.0**	**62.3**	**32,700***	**130.0**	**49.5**	**26,400***	**130.0**	**54.5**	**21,900***	**150.0**	**47.7**	**16,100***	**150.0**	**53.7**	**13,900***	**170.0**	**46.1**	**8,100***	**170.0**	**53.0**	**7,200***
100.0	56.3	41,700*	100.0	60.1	31,900*	140.0	45.0	24,600*	140.0	49.7	21,000*	160.0	43.4	15,700*	160.0	49.1	13,500*	180.0	42.0	7,800*	180.0	48.6	7,100*
110.0	**51.7**	**38,500***	**110.0**	**55.4**	**30,400***	**150.0**	**40.0**	**23,200***	**150.0**	**44.3**	**20,300***	**170.0**	**38.7**	**15,000***	**170.0**	**44.0**	**13,400***	**190.0**	**37.5**	**7,500***	**190.0**	**43.7**	**6,800***
120.0	46.9	34,000*	120.0	50.3	29,100*	160.0	34.3	22,000*	160.0	38.0	19,800*	180.0	33.3	14,600*	180.0	37.9	13,400*	200.0	32.4	7,200*	200.0	37.8	6,500
130.0	**41.5**	**30,200***	**130.0**	**44.7**	**28,300***	**166.6**	**30.0**	**21,100***	**170.0**	**30.2**	**19,600***	**185.3**	**30.0**	**14,300***	**190.0**	**30.2**	**13,400***	**204.3**	**30.0**	**6,800***	**210.0**	**30.2**	**6,100**
140.0	35.5	28,200	140.0	38.2	27,500*				170.2	30.0	19,600*				190.2	30.0	13,400*				210.3	30.0	6,100
147.9	**30.0**	**26,600**	**150.0**	**30.2**	**24,700***																		
			150.2	30.0	24,600*																		
Reeves		**2**	**Reeves**		**2**	**Reeves**		**2**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**

Note: Designed and rated to comply with ANSI Code B30.5

Capacities based on factors other than machine stability such as structural competence are shown by asterisk * in the charts. Refer to notes P12 and P13.

Fixed Jib Lifting Capacity (With 275 US t Main Hook)

Unit: lbs

Counterweight: 199,300 lbs, Carbody weight: 60,500 lbs

130' Boom

40 ft Jib						60 ft Jib						80 ft Jib						100 ft Jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
41.3	80.0	58,400*				47.9	80.0	46,700*				54.8	80.0	26,600*				61.7	80.0	14,900*			
42.0	**79.7**	**58,100***				**48.0**	**79.9**	**46,700***				**55.0**	**79.9**	**26,600***				**65.0**	**79.2**	**14,600***			
44.0	79.0	57,500*				50.0	79.4	46,100*				60.0	78.6	25,800*				70.0	77.9	14,100*			
46.0	**78.4**	**56,800***				**55.0**	**77.8**	**44,600***				**65.0**	**77.2**	**25,200***				**75.0**	**76.6**	**13,600***			
48.0	77.7	56,100*				60.0	76.3	43,100*				70.0	75.7	24,500*				80.0	75.3	13,100*			
50.0	**77.0**	**55,500***	**53.1**	**80.0**	**42,300***	**65.0**	**74.7**	**41,800***	**65.9**	**80.0**	**29,700***	**75.0**	**74.3**	**23,800***	**79.0**	**80.0**	**17,800***	**85.0**	**74.0**	**12,800***			
55.0	75.2	53,900*	55.0	79.4	42,000*	70.0	73.1	40,600*	70.0	78.7	29,700*	80.0	72.9	23,100*	80.0	79.7	17,700*	90.0	72.6	12,300*	91.8	80.0	9,700*
60.0	**73.5**	**52,400***	**60.0**	**77.6**	**41,300***	**75.0**	**71.5**	**39,400***	**75.0**	**77.1**	**29,400***	**85.0**	**71.4**	**22,500***	**85.0**	**78.2**	**17,400***	**95.0**	**71.3**	**11,900***	**95.0**	**79.1**	**9,400***
65.0	71.7	51,000*	65.0	75.7	40,600*	80.0	69.9	38,300*	80.0	75.4	29,000*	90.0	69.9	22,000*	90.0	76.6	17,100*	100.0	69.9	11,500*	100.0	77.7	9,200*
70.0	**69.9**	**49,700***	**70.0**	**73.9**	**39,200***	**85.0**	**68.3**	**37,300***	**85.0**	**73.7**	**28,500***	**95.0**	**68.4**	**21,500***	**95.0**	**75.1**	**16,700***	**110.0**	**67.2**	**10,900***	**110.0**	**74.8**	**8,800***
75.0	68.1	48,400*	75.0	72.0	37,900*	90.0	66.8	36,400*	90.0	72.0	27,800*	100.0	66.9	20,900*	100.0	73.5	16,400*	120.0	64.4	10,400*	120.0	71.9	8,500*
80.0	**66.2**	**47,100***	**80.0**	**70.1**	**36,700***	**95.0**	**64.9**	**35,600***	**95.0**	**70.2**	**27,000***	**110.0**	**63.8**	**19,700***	**110.0**	**70.3**	**15,900***	**130.0**	**61.4**	**9,700***	**130.0**	**68.9**	**8,100***
85.0	64.4	45,900*	85.0	68.2	35,500*	100.0	63.2	34,600*	100.0	68.5	26,200*	120.0	60.7	18,900*	120.0	67.0	15,300*	140.0	58.4	9,400*	140.0	65.7	8,000*
90.0	**62.5**	**44,500***	**90.0**	**66.3**	**34,500***	**110.0**	**59.7**	**32,100***	**110.0**	**64.8**	**24,700***	**130.0**	**57.4**	**18,100***	**130.0**	**63.6**	**14,800***	**150.0**	**55.3**	**9,000***	**150.0**	**62.5**	**7,700***
95.0	60.5	43,400*	95.0	64.2	33,500*	120.0	56.0	29,600*	120.0	61.0	23,500*	140.0	53.9	17,200*	140.0	59.9	14,400*	160.0	52.1	8,500*	160.0	59.0	7,600*
100.0	**58.5**	**41,800***	**100.0**	**62.2**	**32,600***	**130.0**	**52.2**	**27,500***	**130.0**	**57.0**	**22,300***	**150.0**	**50.3**	**16,500***	**150.0**	**56.1**	**14,100***	**170.0**	**48.6**	**8,300***	**170.0**	**55.4**	**7,400***
110.0	54.4	36,100*	110.0	57.9	31,100*	140.0	48.1	25,700*	140.0	52.7	21,600*	160.0	46.4	16,000*	160.0	52.0	13,800*	180.0	44.9	8,000*	180.0	51.4	7,200*
120.0	**50.0**	**32,600**	**120.0**	**53.4**	**29,700***	**150.0**	**43.7**	**24,100***	**150.0**	**48.0**	**20,700***	**170.0**	**42.2**	**15,400***	**170.0**	**47.5**	**13,400***	**190.0**	**41.0**	**7,700***	**190.0**	**47.1**	**7,200***
130.0	45.3	30,400	130.0	48.5	28,700*	160.0	38.8	22,800*	160.0	42.7	20,100*	180.0	37.6	15,000*	180.0	42.5	13,400*	200.0	36.6	7,400*	200.0	42.2	6,900*
140.0	**40.2**	**28,400**	**140.0**	**43.0**	**27,700***	**170.0**	**33.3**	**20,800***	**170.0**	**36.7**	**19,800***	**190.0**	**32.4**	**14,500***	**190.0**	**36.6**	**13,400***	**210.0**	**31.6**	**7,200***	**210.0**	**36.5**	**6,600**
150.0	34.3	26,200	150.0	36.8	24,500*	175.1	30.0	19,400*	178.6	30.0	19,600*	194.2	30.0	14,300*	198.8	30.0	13,400*	212.9	30.0	6,800*	219.8	30.0	5,900
156.4	**30.0**	**24,400**	**158.7**	**30.0**	**22,200***																		
Reeves		**2**	**Reeves**		**2**	**Reeves**		**2**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**

140' Boom

40 ft Jib						60 ft Jib						80 ft Jib						100 ft Jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
43.0	80.0	58,400*				49.9	80.0	46,700*				56.7	80.0	26,600*				63.3	80.0	14,900*			
44.0	**79.7**	**58,100***				**50.0**	**79.9**	**46,600***				**60.0**	**79.1**	**26,200***				**65.0**	**79.6**	**14,800***			
46.0	79.0	57,500*				55.0	78.5	45,100*				65.0	77.8	25,400*				70.0	78.4	14,300*			
48.0	**78.4**	**56,800***				**60.0**	**77.0**	**43,800***				**70.0**	**76.4**	**24,700***				**75.0**	**77.2**	**13,800***			
50.0	77.7	56,100*				65.0	75.5	42,400*	67.9	80.0	29,700*	75.0	75.0	24,000*				80.0	75.9	13,300*			
55.0	**76.1**	**54,600***	**55.1**	**80.0**	**42,300***	**70.0**	**74.0**	**41,200***	**70.0**	**79.3**	**29,700***	**80.0**	**73.7**	**23,400***	**80.7**	**80.0**	**17,800***	**85.0**	**74.7**	**13,000***			
60.0	74.4	53,300*	60.0	78.3	41,700*	75.0	72.5	40,100*	75.0	77.8	29,500*	85.0	72.3	22,900*	85.0	78.8	17,600*	90.0	73.4	12,500*	93.5	80.0	9,700*
65.0	**72.8**	**51,900***	**65.0**	**76.6**	**41,000***	**80.0**	**71.0**	**38,900***	**80.0**	**76.2**	**29,200***	**90.0**	**70.9**	**22,400***	**90.0**	**77.3**	**17,300***	**95.0**	**72.1**	**12,100***	**95.0**	**79.6**	**9,600***
70.0	71.1	50,600*	70.0	74.9	39,900*	85.0	69.4	37,900*	85.0	74.6	28,900*	95.0	69.5	21,800*	95.0	75.9	16,900*	100.0	70.8	11,700*	100.0	78.3	9,400*
75.0	**69.4**	**49,400***	**75.0**	**73.1**	**38,700***	**90.0**	**67.9**	**37,100***	**90.0**	**73.0**	**28,400***	**100.0**	**68.1**	**21,200***	**100.0**	**74.4**	**16,600***	**110.0**	**68.2**	**11,100***	**110.0**	**75.6**	**9,000***
80.0	67.6	48,400*	80.0	71.4	37,400*	95.0	66.3	36,200*	95.0	71.4	27,600*	110.0	65.1	20,200*	110.0	71.4	15,900*	120.0	65.5	10,600*	120.0	72.9	8,700*
85.0	**65.9**	**47,400***	**85.0**	**69.6**	**36,200***	**100.0**	**64.7**	**35,400***	**100.0**	**69.7**	**26,800***	**120.0**	**62.2**	**19,200***	**120.0**	**68.3**	**15,500***	**130.0**	**62.8**	**10,100***	**130.0**	**69.9**	**8,400***
90.0	64.1	46,100*	90.0	67.7	35,200*	110.0	61.4	33,400*	110.0	66.3	25,300*	130.0	59.1	18,400*	130.0	65.0	15,000*	140.0	60.0	9,600*	140.0	67.0	8,000*
95.0	**62.3**	**44,800***	**95.0**	**65.9**	**34,300***	**120.0**	**58.0**	**30,800***	**120.0**	**62.8**	**24,000***	**140.0**	**55.9**	**17,700***	**140.0**	**61.7**	**14,600***	**150.0**	**57.0**	**9,200***	**150.0**	**63.9**	**7,900***
100.0	60.5	42,900*	100.0	64.0	33,400*	130.0	54.4	28,600*	130.0	59.1	23,000*	150.0	52.5	17,000*	150.0	58.2	14,100*	160.0	54.0	8,700*	160.0	60.7	7,700*
110.0	**56.7**	**36,900**	**110.0**	**60.1**	**31,700***	**140.0**	**50.7**	**26,700***	**140.0**	**55.2**	**22,000***	**160.0**	**49.0**	**16,300***	**160.0**	**54.4**	**14,000***	**170.0**	**50.8**	**8,300***	**170.0**	**57.4**	**7,500***
120.0	52.7	34,300	120.0	56.0	30,400*	150.0	46.7	25,200*	150.0	51.0	21,200*	170.0	45.2	15,800*	170.0	50.4	13,600*	180.0	47.4	8,200*	180.0	53.8	7,200*
130.0	**48.5**	**31,900**	**130.0**	**51.6**	**29,400***	**160.0**	**42.4**	**22,900***	**160.0**	**46.4**	**20,500***	**180.0**	**41.1**	**15,300***	**180.0**	**46.0**	**13,400***	**190.0**	**43.9**	**7,900***	**190.0**	**49.9**	**7,200***
140.0	43.9	28,800	140.0	46.8	27,600*	170.0	37.7	20,400*	170.0	41.4	20,000*	190.0	35.7	15,000*	190.0	41.2	13,400*	200.0	40.0	7,700*	200.0	45.7	7,000*
150.0	**39.0**	**25,800**	**150.0**	**41.6**	**24,100***	**180.0**	**32.3**	**17,900***	**180.0**	**35.4**	**19,600***	**200.0**	**31.5**	**14,500***	**200.0**	**35.3**	**13,400***	**210.0**	**35.7**	**7,400***	**210.0**	**41.0**	**7,000**
160.0	33.3	22,800	160.0	35.4	22,100	184.0	30.0	17,100*	187.6	30.0	17,800*	202.7	30.0	14,500*	207.6	30.0	13,400*	220.0	30.8	6,800*	220.0	35.3	6,400
165.0	**30.0**	**21,300**	**167.6**	**30.0**	**21,100**													**221.4**	**30.0**	**6,600***	**227.6**	**30.0**	**5,900**
Reeves		**2**	**Reeves**		**2**	**Reeves**		**2**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**

Note: Designed and rated to comply with ANSI Code B30.5

Capacities based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.

Refer to notes P12 and P13.

LIFTING CAPACITY

Fixed Jib Lifting Capacity (With 275 US t Main Hook)

Unit: lbs

Counterweight: 199,300 lbs, Carbody weight: 60,500 lbs

150' Boom

40 ft Jib						60 ft Jib						80 ft Jib						100 ft Jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
44.6	80.0	58,400*				51.5	80.0	46,700*				58.4	80.0	26,600*				65.3	80.0	14,700*			
46.0	**79.6**	**57,900***				**55.0**	**79.0**	**45,600***				**60.0**	**79.6**	**26,500***				**70.0**	**78.9**	**14,300***			
48.0	79.0	57,300*				60.0	77.6	44,300*				65.0	78.3	25,600*				75.0	77.7	13,900*			
50.0	**78.4**	**56,700***				**65.0**	**76.2**	**43,100***	**69.5**	**80.0**	**29,700***	**70.0**	**77.0**	**25,100***				**80.0**	**76.5**	**13,500***			
55.0	76.8	55,300*	56.7	80.0	42,300*	70.0	74.8	41,900*	70.0	79.9	29,700*	75.0	75.7	24,500*				85.0	75.3	13,000*			
60.0	**75.3**	**53,900***	**60.0**	**78.9**	**41,900***	**75.0**	**73.4**	**40,700***	**75.0**	**78.4**	**29,600***	**80.0**	**74.4**	**23,800***	**82.3**	**80.0**	**17,800***	**90.0**	**74.1**	**12,600***			
65.0	73.7	52,600*	65.0	77.3	41,300*	80.0	71.9	39,600*	80.0	76.9	29,400*	85.0	73.1	23,100*	85.0	79.3	17,600*	95.0	72.9	12,300*	95.1	80.0	9,700*
70.0	**72.1**	**51,200***	**70.0**	**75.7**	**40,400***	**85.0**	**70.5**	**38,600***	**85.0**	**75.4**	**29,100***	**90.0**	**71.8**	**22,600***	**90.0**	**77.9**	**17,300***	**100.0**	**71.6**	**12,000***	**100.0**	**78.8**	**9,400***
75.0	70.5	49,900*	75.0	74.1	39,300*	90.0	69.0	37,700*	90.0	73.9	28,600*	95.0	70.4	22,100*	95.0	76.5	16,900*	110.0	69.1	11,300*	110.0	76.2	9,000*
80.0	**68.9**	**48,600***	**80.0**	**72.4**	**38,000***	**95.0**	**67.5**	**36,900***	**95.0**	**72.4**	**28,000***	**100.0**	**69.1**	**21,600***	**100.0**	**75.1**	**16,700***	**120.0**	**66.6**	**10,800***	**120.0**	**73.6**	**8,700***
85.0	67.3	47,400*	85.0	70.8	36,800*	100.0	66.0	36,100*	100.0	70.8	27,200*	110.0	66.3	20,600*	110.0	72.3	16,100*	130.0	64.0	10,200*	130.0	70.9	8,400*
90.0	**65.6**	**46,100***	**90.0**	**69.1**	**35,800***	**110.0**	**62.9**	**34,500***	**110.0**	**67.6**	**25,700***	**120.0**	**63.5**	**19,700***	**120.0**	**69.4**	**15,500***	**140.0**	**61.3**	**9,800***	**140.0**	**68.1**	**8,100***
95.0	63.9	44,600*	95.0	67.3	34,900*	120.0	59.7	32,100*	120.0	64.3	24,500*	130.0	60.6	18,800*	130.0	66.3	15,200*	150.0	58.6	9,300*	150.0	65.2	7,900*
100.0	**62.2**	**42,200***	**100.0**	**65.6**	**34,100***	**130.0**	**56.4**	**29,700***	**130.0**	**60.9**	**23,400***	**140.0**	**57.6**	**18,100***	**140.0**	**63.2**	**14,600***	**160.0**	**55.7**	**8,900***	**160.0**	**62.2**	**7,700***
110.0	58.7	36,200	110.0	62.0	32,400*	140.0	53.0	27,700*	140.0	57.3	22,400*	150.0	54.5	17,400*	150.0	60.0	14,300*	170.0	52.8	8,600*	170.0	59.1	7,500*
120.0	**55.0**	**33,500**	**120.0**	**58.2**	**31,100***	**150.0**	**49.4**	**25,000***	**150.0**	**53.5**	**21,600***	**160.0**	**51.2**	**16,800***	**160.0**	**56.5**	**14,000***	**180.0**	**49.6**	**8,300***	**180.0**	**55.8**	**7,400***
130.0	51.2	30,700	130.0	54.2	29,900*	160.0	45.5	22,100*	160.0	49.4	20,900*	170.0	47.6	16,100*	170.0	52.9	13,800*	190.0	46.4	8,100*	190.0	52.3	7,200*
140.0	**47.1**	**28,100**	**140.0**	**49.9**	**26,900***	**170.0**	**41.3**	**19,500***	**170.0**	**45.0**	**20,300***	**180.0**	**44.1**	**15,600***	**180.0**	**49.0**	**13,500***	**200.0**	**42.9**	**7,800***	**200.0**	**48.5**	**7,200***
150.0	42.7	24,700	150.0	45.3	23,600*	180.0	36.7	17,500	180.0	40.0	19,500*	190.0	40.1	15,200*	190.0	44.7	13,400*	210.0	39.1	7,400*	210.0	44.4	7,000*
160.0	**37.8**	**21,800**	**160.0**	**40.2**	**22,000**	**190.0**	**31.5**	**16,500**	**190.0**	**34.3**	**17,600***	**200.0**	**35.7**	**14,800***	**200.0**	**39.9**	**13,400***	**220.0**	**34.9**	**7,300***	**220.0**	**39.7**	**6,700**
170.0	32.3	19,300	170.0	34.3	19,700	192.5	30.0	16,000	196.1	30.0	16,000	210.0	30.5	14,500*	210.0	34.3	13,400*	230.0	30.1	6,800*	230.0	34.2	6,300
173.8	**30.0**	**18,500**	**176.1**	**30.0**	**18,000**							**211.2**	**30.0**	**13,600***	**216.2**	**30.0**	**13,400***	**230.3**	**30.0**	**6,800***	**236.2**	**30.0**	**6,100**
Reeves		**2**	**Reeves**		**2**	**Reeves**		**2**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**

160' Boom

40 ft Jib						60 ft Jib						80 ft Jib						100 ft Jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
46.3	80.0	58,400*				53.1	80.0	46,700*				60.0	80.0	26,600*				66.9	80.0	14,700*			
48.0	**79.5**	**57,900***				**55.0**	**79.5**	**46,200***				**65.0**	**78.8**	**26,000***				**70.0**	**79.3**	**14,500***			
50.0	79.0	57,300*				60.0	78.2	44,900*				70.0	77.6	25,400*				75.0	78.2	14,100*			
55.0	**77.5**	**55,900***	**58.3**	**80.0**	**42,300***	**65.0**	**76.9**	**43,500***				**75.0**	**76.3**	**24,700***				**80.0**	**77.0**	**13,700***			
60.0	76.0	54,600*	60.0	79.5	42,200*	70.0	75.5	42,300*	71.1	80.0	29,700*	80.0	75.1	24,100*	83.9	80.0	17,800*	85.0	75.9	13,200*			
65.0	**74.5**	**53,200***	**65.0**	**78.0**	**41,500***	**75.0**	**74.1**	**41,300***	**75.0**	**79.0**	**29,700***	**85.0**	**73.8**	**23,600***	**85.0**	**79.8**	**17,800***	**90.0**	**74.7**	**12,900***			
70.0	73.0	51,800*	70.0	76.5	40,800*	80.0	72.8	40,300*	80.0	77.6	29,600*	90.0	72.6	23,100*	90.0	78.5	17,500*	95.0	73.6	12,500*	97.1	80.0	9,300*
75.0	**71.5**	**50,300***	**75.0**	**74.9**	**39,900***	**85.0**	**71.4**	**39,300***	**85.0**	**76.1**	**29,300***	**95.0**	**71.3**	**22,600***	**95.0**	**77.2**	**17,200***	**100.0**	**72.4**	**12,200***	**100.0**	**79.3**	**9,200***
80.0	70.0	49,000*	80.0	73.4	38,700*	90.0	70.0	38,400*	90.0	74.7	28,800*	100.0	70.0	22,100*	100.0	75.8	16,800*	110.0	70.0	11,500*	110.0	76.8	9,000*
85.0	**68.5**	**47,700***	**85.0**	**71.8**	**37,500***	**95.0**	**68.6**	**37,600***	**95.0**	**73.2**	**28,300***	**110.0**	**67.4**	**21,000***	**110.0**	**73.1**	**16,300***	**120.0**	**67.5**	**10,900***	**120.0**	**74.3**	**8,700***
90.0	68.9	46,500*	90.0	70.2	36,500*	100.0	67.2	36,700*	100.0	71.8	27,700*	120.0	64.7	20,000*	120.0	70.4	15,800*	130.0	65.1	10,400*	130.0	71.7	8,400*
95.0	**65.3**	**44,800***	**95.0**	**68.6**	**35,600***	**110.0**	**64.3**	**35,000***	**110.0**	**68.8**	**26,200***	**130.0**	**62.0**	**19,200***	**130.0**	**67.5**	**15,200***	**140.0**	**62.6**	**10,000***	**140.0**	**69.1**	**8,300***
100.0	63.7	42,100	100.0	66.9	34,700*	120.0	61.3	33,200*	120.0	65.7	24,900*	140.0	59.1	18,500*	140.0	64.6	14,900*	150.0	60.0	9,500*	150.0	66.4	7,900*
110.0	**60.4**	**37,100**	**110.0**	**63.6**	**33,100***	**130.0**	**58.2**	**30,900***	**130.0**	**62.5**	**23,900***	**150.0**	**56.2**	**17,600***	**150.0**	**61.5**	**14,500***	**160.0**	**57.3**	**9,100***	**160.0**	**63.6**	**7,800***
120.0	57.0	34,800	120.0	60.1	31,700*	140.0	55.0	27,900*	140.0	59.2	22,900*	160.0	53.2	17,100*	160.0	58.3	14,200*	170.0	54.5	8,800*	170.0	60.7	7,500*
130.0	**53.5**	**31,700**	**130.0**	**56.4**	**30,100***	**150.0**	**51.6**	**24,500***	**150.0**	**55.7**	**22,100***	**170.0**	**50.0**	**16,500***	**170.0**	**55.0**	**13,900***	**180.0**	**51.6**	**8,500***	**180.0**	**57.6**	**7,400***
140.0	49.8	27,800	140.0	52.6	26,600*	160.0	48.1	21,600*	160.0	52.0	21,400*	180.0	46.5	15,900*	180.0	51.4	13,600*	190.0	48.6	8,100*	190.0	54.4	7,200*
150.0	**45.8**	**24,300**	**150.0**	**48.4**	**23,700**	**170.0**	**44.3**	**19,500**	**170.0**	**48.0**	**20,700***	**190.0**	**43.1**	**15,400***	**190.0**	**47.6**	**13,400***	**200.0**	**45.3**	**8,000***	**200.0**	**51.0**	**7,200***
160.0	41.5	21,300	160.0	44.0	22,100	180.0	40.3	18,000	180.0	43.7	19,700*	200.0	39.2	15,100*	200.0	43.4	13,400*	210.0	41.9	7,700*	210.0	47.3	7,000*
170.0	**35.8**	**18,800**	**170.0**	**39.0**	**19,500**	**190.0**	**35.8**	**15,900**	**190.0**	**38.9**	**17,400***	**210.0**	**34.9**	**14,700***	**210.0**	**38.8**	**13,400***	**220.0**	**38.2**	**7,500***	**220.0**	**43.2**	**6,900***
180.0	31.4	16,400	180.0	33.2	16,900	200.0	30.7	13,900	200.0	33.2	14,900*	220.0	30.1	12,300*	220.0	33.1	12,900*	230.0	34.1	7,400*	230.0	38.6	6,600
182.4	**30.0**	**15,800**	**185.0**	**30.0**	**15,600**	**201.4**	**30.0**	**13,600**	**205.0**	**30.0**	**13,400***	**220.1**	**30.0**	**12,300***	**225.0**	**30.0**	**11,200***	**238.8**	**30.0**	**6,800***	**240.0**	**33.1**	**6,200**
																					244.7	30.0	5,900
Reeves		**2**	**Reeves**		**2**	**Reeves**		**2**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**

Note: Designed and rated to comply with ANSI Code B30.5

Capacities based on factors other than machine stability such as structural competence are shown by asterisk * in the charts. Refer to notes P12 and P13.

Fixed Jib Lifting Capacity (With 275 US t Main Hook)

Unit: lbs

Counterweight: 199,300 lbs, Carbody weight: 60,500 lbs

170' Boom

40 ft Jib						60 ft Jib						80 ft Jib						100 ft Jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
48.2	80.0	58,400*				55.1	80.0	46,700*				61.7	80.0	26,600*				68.6	80.0	14,900*			
50.0	**79.5**	**57,800***				**60.0**	**78.7**	**45,300***				**65.0**	**79.3**	**26,300***				**70.0**	**79.7**	**14,800***			
55.0	78.1	56,400*				65.0	77.4	44,000*				70.0	78.1	25,600*				75.0	78.6	14,200*			
60.0	**76.7**	**55,100***	**60.0**	**80.0**	**42,300***	**70.0**	**76.2**	**42,900***	**73.1**	**80.0**	**29,700***	**75.0**	**76.9**	**24,900***				**80.0**	**77.5**	**13,800***			
65.0	75.3	53,900*	65.0	78.6	41,700*	75.0	74.9	41,800*	75.0	79.5	29,700*	80.0	75.7	24,300*				85.0	76.4	13,400*			
70.0	**73.9**	**52,400***	**70.0**	**77.2**	**41,000***	**80.0**	**73.6**	**40,700***	**80.0**	**78.1**	**29,600***	**85.0**	**74.5**	**23,800***	**85.9**	**80.0**	**17,800***	**90.0**	**75.3**	**13,100***			
75.0	72.4	51,100*	75.0	75.7	40,300*	85.0	72.2	39,900*	85.0	76.8	29,300*	90.0	73.3	23,300*	90.0	79.0	17,500*	95.0	74.2	12,700*	98.7	80.0	9,200*
80.0	**71.0**	**49,900***	**80.0**	**74.2**	**39,300***	**90.0**	**70.9**	**38,900***	**90.0**	**75.4**	**29,000***	**95.0**	**72.1**	**22,800***	**95.0**	**77.7**	**17,300***	**100.0**	**73.1**	**12,400***	**100.0**	**79.7**	**9,200***
85.0	69.5	48,700*	85.0	72.7	38,200*	95.0	69.6	38,000*	95.0	74.0	28,600*	100.0	70.8	22,300*	100.0	76.5	17,000*	110.0	70.8	11,700*	110.0	77.4	9,200*
90.0	**68.1**	**47,700***	**90.0**	**71.2**	**37,100***	**100.0**	**68.2**	**37,200***	**100.0**	**72.7**	**28,100***	**110.0**	**68.4**	**21,300***	**110.0**	**73.9**	**16,400***	**120.0**	**68.5**	**11,100***	**120.0**	**75.0**	**8,900***
95.0	66.6	45,600*	95.0	69.7	36,200*	110.0	65.5	35,700*	110.0	69.8	26,600*	120.0	65.8	20,300*	120.0	71.3	15,900*	130.0	66.1	10,600*	130.0	72.5	8,600*
100.0	**65.1**	**42,500**	**100.0**	**68.2**	**35,400***	**120.0**	**62.7**	**34,200***	**120.0**	**66.9**	**25,500***	**130.0**	**63.2**	**19,500***	**130.0**	**68.6**	**15,400***	**140.0**	**63.7**	**10,200***	**140.0**	**70.0**	**8,300***
110.0	62.0	38,200	110.0	65.0	33,700*	130.0	59.8	31,400*	130.0	63.9	24,300*	140.0	60.5	18,600*	140.0	65.8	15,100*	150.0	61.2	9,700*	150.0	67.4	8,100*
120.0	**58.8**	**35,800**	**120.0**	**61.8**	**32,300***	**140.0**	**56.8**	**27,100***	**140.0**	**60.8**	**23,300***	**150.0**	**57.8**	**18,100***	**150.0**	**62.9**	**14,800***	**160.0**	**58.7**	**9,300***	**160.0**	**64.8**	**7,800***
130.0	55.5	31,100	130.0	58.4	29,900*	150.0	53.6	23,600*	150.0	57.6	22,500*	160.0	54.9	17,400*	160.0	60.0	14,400*	170.0	56.1	9,000*	170.0	62.0	7,700*
140.0	**52.1**	**27,100**	**140.0**	**54.8**	**25,900***	**160.0**	**50.4**	**21,500**	**160.0**	**54.2**	**21,700***	**170.0**	**52.0**	**16,700***	**170.0**	**56.9**	**14,100***	**180.0**	**53.3**	**8,700***	**180.0**	**59.2**	**7,400***
150.0	48.4	23,600	150.0	51.1	23,900	170.0	46.9	19,500	170.0	50.6	20,900*	180.0	48.9	16,300*	180.0	53.6	13,700*	190.0	50.5	8,300*	190.0	56.2	7,400*
160.0	**44.6**	**20,700**	**160.0**	**47.1**	**21,500**	**180.0**	**43.3**	**17,200**	**180.0**	**46.7**	**19,200***	**190.0**	**45.6**	**15,800***	**190.0**	**50.1**	**13,600***	**200.0**	**47.5**	**8,100***	**200.0**	**53.0**	**7,200***
170.0	40.4	18,000	170.0	42.7	18,700	190.0	39.3	15,000	190.0	42.5	16,800*	200.0	42.1	15,400*	200.0	46.4	13,400*	210.0	44.4	7,900*	210.0	49.7	7,200*
180.0	**35.8**	**15,500**	**180.0**	**37.8**	**16,200**	**200.0**	**34.9**	**12,800**	**200.0**	**37.7**	**14,300***	**210.0**	**38.3**	**13,800***	**210.0**	**42.3**	**13,200***	**220.0**	**41.0**	**7,700***	**220.0**	**46.1**	**7,000***
190.0	30.6	13,200	190.0	32.3	13,700	209.9	30.0	11,200	210.0	32.3	12,100	220.0	34.1	12,200*	220.0	37.6	12,300*	230.0	37.4	7,400*	230.0	42.1	7,000
191.2	**30.0**	**13,000**	**193.5**	**30.0**	**12,700**				**213.5**	**30.0**	**11,200**	**226.5**	**30.0**	**10,500***	**230.0**	**32.2**	**10,400***	**240.0**	**33.4**	**7,200***	**240.0**	**37.6**	**6,700**
															233.5	30.0	9,400*	247.3	30.0	6,600*	250.0	32.2	6,100
																					253.6	**30.0**	**5,900**
Reeves		**2**	**Reeves**		**2**	**Reeves**		**2**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**

180' Boom

40 ft Jib						60 ft Jib						80 ft Jib						100 ft Jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
49.9	80.0	58,200*				56.8	80.0	46,500*				63.6	80.0	26,600*				70.5	80.0	14,900*			
50.0	**79.9**	**58,100***				**60.0**	**79.2**	**45,900***				**65.0**	**79.7**	**26,500***				**75.0**	**79.0**	**14,400***			
55.0	78.6	57,000*				65.0	78.0	44,600*				70.0	78.5	25,800*				80.0	78.0	14,000*			
60.0	**77.3**	**55,700***	**62.0**	**80.0**	**42,300***	**70.0**	**76.7**	**43,500***	**74.8**	**80.0**	**29,700***	**75.0**	**77.4**	**25,200***				**85.0**	**76.9**	**13,600***			
65.0	76.0	54,500*	65.0	79.2	41,900*	75.0	75.5	42,400*	75.0	79.9	29,700*	80.0	76.3	24,700*				90.0	75.8	13,300*			
70.0	**74.6**	**53,200***	**70.0**	**77.8**	**41,200***	**80.0**	**74.3**	**41,400***	**80.0**	**78.7**	**29,700***	**65.0**	**75.1**	**24,000***	**87.5**	**80.0**	**17,800***	**95.0**	**74.8**	**13,000***			
75.0	73.3	52,000*	75.0	76.4	40,600*	85.0	73.0	40,400*	85.0	77.4	29,500*	90.0	74.0	23,500*	90.0	79.4	17,700*	100.0	73.7	12,600*	100.3	80.0	9,400*
80.0	**71.9**	**50,800***	**80.0**	**75.0**	**39,800***	**90.0**	**71.7**	**39,500***	**90.0**	**76.1**	**29,200***	**95.0**	**72.8**	**23,000***	**95.0**	**78.2**	**17,400***	**110.0**	**71.5**	**12,000***	**110.0**	**77.9**	**9,300***
85.0	70.5	49,600*	85.0	73.6	38,800*	95.0	70.5	38,700*	95.0	74.8	28,700*	100.0	71.6	22,600*	100.0	77.0	17,000*	120.0	69.3	11,400*	120.0	75.6	8,900*
90.0	**69.1**	**48,600***	**90.0**	**72.2**	**37,800***	**100.0**	**69.2**	**37,800***	**100.0**	**73.4**	**28,200***	**110.0**	**69.2**	**21,700***	**110.0**	**74.6**	**16,500***	**130.0**	**67.0**	**10,800***	**130.0**	**73.2**	**8,600***
95.0	67.7	45,900*	95.0	70.7	36,800*	110.0	66.6	36,300*	110.0	70.8	27,100*	120.0	66.8	20,700*	120.0	72.1	16,000*	140.0	64.7	10,400*	140.0	70.8	8,300*
100.0	**66.3**	**42,600**	**100.0**	**69.3**	**35,800***	**120.0**	**63.9**	**35,000***	**120.0**	**68.0**	**25,800***	**130.0**	**64.4**	**19,900***	**130.0**	**69.5**	**15,600***	**150.0**	**62.4**	**9,900***	**150.0**	**68.4**	**8,100***
110.0	63.4	39,100	110.0	66.3	34,300*	130.0	61.2	31,700*	130.0	65.2	24,800*	140.0	61.8	19,200*	140.0	66.9	15,100*	160.0	60.0	9,600*	160.0	65.9	8,000*
120.0	**60.4**	**35,000**	**120.0**	**63.2**	**32,900***	**140.0**	**58.3**	**26,500**	**140.0**	**62.3**	**23,800***	**150.0**	**59.2**	**18,300***	**150.0**	**64.2**	**14,800***	**170.0**	**57.5**	**9,200***	**170.0**	**63.3**	**7,700***
130.0	57.3	30,500	130.0	60.1	29,400*	150.0	55.4	23,900	150.0	59.2	22,900*	160.0	56.5	17,900*	160.0	61.4	14,400*	180.0	54.9	8,900*	180.0	60.6	7,600*
140.0	**54.1**	**26,300**	**140.0**	**56.8**	**25,700**	**160.0**	**52.4**	**21,400**	**160.0**	**56.1**	**22,000***	**170.0**	**53.8**	**17,200***	**170.0**	**58.5**	**14,100***	**190.0**	**52.3**	**8,600***	**190.0**	**57.8**	**7,400***
150.0	50.8	23,000	150.0	53.3	23,700	170.0	49.2	18,900	170.0	52.8	21,000*	180.0	50.9	16,600*	180.0	55.5	14,000*	200.0	49.5	8,200*	200.0	54.9	7,200*
160.0	**47.2**	**20,000**	**160.0**	**49.7**	**20,800**	**180.0**	**45.8**	**16,300**	**180.0**	**49.3**	**16,800***	**190.0**	**47.8**	**16,100***	**190.0**	**52.3**	**13,600***	**210.0**	**46.6**	**8,100***	**210.0**	**51.8**	**7,200***
170.0	43.5	17,100	170.0	45.8	18,000	190.0	42.3	14,300	190.0	45.5	16,300*	200.0	44.6	15,300*	200.0	48.9	13,500*	220.0	43.5	7,800*	220.0	48.5	7,000*
180.0	**39.4**	**14,500**	**180.0**	**41.5**	**15,300**	**200.0**	**38.4**	**12,000**	**200.0**	**41.3**	**13,400***	**210.0**	**41.2**	**13,400***	**210.0**	**45.2**	**13,400***	**230.0**	**40.2**	**7,700***	**230.0**	**45.0**	**7,000***
190.0	35.0	12,600	190.0	36.8	12,800	210.0	34.1	10,300	210.0	36.8	11,400	220.0	37.5	11,600*	220.0	41.2	11,600*	240.0	36.6	7,400*	240.0	41.0	6,900*
199.8	**30.0**	**10,500**	**200.0**	**31.3**	**10,800**	**218.5**	**30.0**	**8,800**	**220.0**	**31.3**	**9,500**	**230.0**	**33.4**	**9,600***	**230.0**	**36.7**	**10,000***	**250.0**	**32.7**	**7,200***	**250.0**	**36.6**	**6,500**
			202.0	30.0	10,300				222.1	30.0	9,200	237.5	30.0	7,900*	240.0	31.3	8,400	256.2	30.0	6,800*	260.0	31.3	6,200
															242.1	**30.0**	**8,100**				**262.1**	**30.0**	**6,100**
Reeves		**2**	**Reeves**		**2**	**Reeves**		**2**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**

Note: Designed and rated to comply with ANSI Code B30.5

Capacities based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.

Refer to notes P12 and P13.

LIFTING CAPACITY

Fixed Jib Lifting Capacity (With 275 US t Main Hook)

Unit: lbs

Counterweight: 199,300 lbs, Carbody weight: 60,500 lbs

190' Boom

40 ft Jib						60 ft Jib						80 ft Jib						100 ft Jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
51.5	80.0	58,400*				58.4	80.0	46,500*				65.3	80.0	26,600*				72.2	80.0	14,700*			
55.0	**79.1**	**57,500***				**60.0**	**79.6**	**46,200***				**70.0**	**79.0**	**26,000***				**75.0**	**79.4**	**14,500***			
60.0	77.9	56,200*	63.6	80.0	42,300*	65.0	78.5	45,100*				75.0	77.9	25,500*				80.0	78.4	14,200*			
65.0	**76.6**	**55,000***	**65.0**	**79.6**	**42,100***	**70.0**	**77.3**	**43,900***				**80.0**	**76.8**	**24,900***				**85.0**	**77.4**	**13,600***			
70.0	75.3	53,700*	70.0	78.3	41,500*	75.0	76.1	42,800*	76.4	80.0	29,700*	85.0	75.7	24,200*	89.2	80.0	17,800*	90.0	76.4	13,300*			
75.0	**74.0**	**52,400***	**75.0**	**77.0**	**40,900***	**80.0**	**74.9**	**41,800***	**80.0**	**79.1**	**29,700***	**90.0**	**74.6**	**23,700***	**90.0**	**79.9**	**17,700***	**95.0**	**75.3**	**13,000***			
80.0	72.7	51,300*	80.0	75.7	40,300*	85.0	73.7	40,800*	85.0	77.9	29,700*	95.0	73.5	23,300*	95.0	78.7	17,500*	100.0	74.3	12,600*	102.3	80.0	9,400*
85.0	**71.4**	**50,300***	**85.0**	**74.3**	**39,300***	**90.0**	**72.5**	**39,900***	**90.0**	**76.7**	**29,400***	**100.0**	**72.3**	**22,900***	**100.0**	**77.5**	**17,300***	**110.0**	**72.2**	**12,100***	**110.0**	**78.3**	**9,300***
90.0	70.1	49,300*	90.0	73.0	38,200*	95.0	71.3	39,100*	95.0	75.4	29,000*	110.0	70.1	21,900*	110.0	75.2	16,600*	120.0	70.1	11,500*	120.0	76.1	8,900*
95.0	**68.7**	**46,200***	**95.0**	**71.6**	**37,300***	**100.0**	**70.1**	**38,300***	**100.0**	**74.2**	**28,500***	**120.0**	**67.7**	**21,000***	**120.0**	**72.8**	**16,200***	**130.0**	**67.9**	**11,000***	**130.0**	**73.9**	**8,500***
100.0	67.4	42,600	100.0	70.3	36,500*	110.0	67.6	36,800*	110.0	71.6	27,500*	130.0	65.4	20,100*	130.0	70.4	15,700*	140.0	65.7	10,500*	140.0	71.6	8,500*
110.0	**64.6**	**39,600**	**110.0**	**67.4**	**34,800***	**120.0**	**65.0**	**35,300***	**120.0**	**69.0**	**26,200***	**140.0**	**63.0**	**19,400***	**140.0**	**67.9**	**15,300***	**150.0**	**63.4**	**10,100***	**150.0**	**69.3**	**8,100***
120.0	61.8	34,500	120.0	64.6	33,000*	130.0	62.4	31,900*	130.0	66.3	25,200*	150.0	60.5	18,800*	150.0	65.3	15,000*	160.0	61.1	9,600*	160.0	66.9	8,000*
130.0	**58.9**	**29,600**	**130.0**	**61.6**	**28,700***	**140.0**	**59.8**	**27,000**	**140.0**	**63.6**	**24,200***	**160.0**	**58.0**	**18,100***	**160.0**	**62.7**	**14,600***	**170.0**	**58.8**	**9,400***	**170.0**	**64.4**	**7,700***
140.0	55.9	25,600	140.0	58.5	25,700	150.0	57.0	24,000	150.0	60.7	23,200*	170.0	55.3	17,400*	170.0	60.0	14,300*	180.0	56.4	8,900*	180.0	61.9	7,700*
150.0	**52.6**	**22,100**	**150.0**	**55.3**	**23,400**	**160.0**	**54.2**	**20,800**	**160.0**	**57.8**	**22,500***	**180.0**	**52.6**	**17,000***	**180.0**	**57.1**	**14,000***	**190.0**	**53.8**	**8,600***	**190.0**	**59.3**	**7,500***
160.0	49.5	19,000	160.0	52.0	20,100	170.0	51.2	18,000	170.0	54.7	20,800*	190.0	49.8	16,500*	190.0	54.2	13,800*	200.0	51.2	8,400*	200.0	56.5	7,300*
170.0	**46.1**	**16,400**	**170.0**	**48.4**	**17,100**	**180.0**	**48.1**	**15,600**	**180.0**	**51.5**	**18,300***	**200.0**	**46.8**	**14,700***	**200.0**	**51.0**	**13,600***	**210.0**	**48.5**	**8,100***	**210.0**	**53.7**	**7,200***
180.0	42.4	13,900	180.0	44.6	14,600	190.0	44.8	13,200	190.0	48.0	15,200*	210.0	43.7	12,700*	210.0	47.7	13,000*	220.0	45.7	8,000*	220.0	50.6	7,200*
190.0	**38.5**	**11,500**	**190.0**	**40.5**	**12,100**	**200.0**	**41.3**	**11,200**	**200.0**	**44.3**	**12,800**	**220.0**	**40.3**	**10,700***	**220.0**	**44.1**	**11,000***	**230.0**	**42.7**	**7,700***	**230.0**	**47.4**	**7,000***
200.0	34.1	9,600	200.0	35.8	10,000	210.0	37.6	9,400	210.0	40.3	10,500	230.0	36.7	8,300	230.0	40.2	9,400*	240.0	39.4	7,500*	240.0	43.9	6,900*
208.3	**30.0**	**8,100**	**210.0**	**30.5**	**8,100**	**220.0**	**33.4**	**7,900**	**220.0**	**35.8**	**8,700**	**240.0**	**32.7**	**6,600**	**240.0**	**35.7**	**7,400***	**250.0**	**35.9**	**7,400***	**250.0**	**40.1**	**6,500**
			210.9	30.0	7,900	227.3	30.0	6,800	230.0	30.5	6,900	246.0	30.0	5,900	250.0	30.5	5,900	260.0	32.0	6,200*	260.0	35.7	6,300
									230.9	**30.0**	**6,800**				**250.9**	**30.0**	**5,700**	**264.7**	**30.0**	**5,000***	**270.0**	**30.5**	**4,700**
																					270.9	30.0	4,100
Reeves		**2**	**Reeves**		**2**	**Reeves**		**2**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**

200' Boom

40 ft Jib						60 ft Jib						80 ft Jib						100 ft Jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
53.5	80.0	58,400*				60.0	80.0	46,500*				66.9	80.0	26,600*				73.8	80.0	14,700*			
55.0	**79.6**	**58,000***				**65.0**	**78.9**	**45,500***				**70.0**	**79.4**	**26,200***				**75.0**	**79.8**	**14,600***			
60.0	78.4	56,600*				70.0	77.8	44,300*				75.0	78.3	25,700*				80.0	78.8	14,200*			
65.0	**77.2**	**55,400***	**65.2**	**80.0**	**42,300***	**75.0**	**76.7**	**43,300***	**78.0**	**80.0**	**29,700***	**80.0**	**77.3**	**25,100***				**85.0**	**77.8**	**13,900***			
70.0	75.9	54,400*	70.0	75.8	41,700*	80.0	75.5	42,300*	80.0	79.6	29,700*	85.0	76.2	24,500*				90.0	76.8	13,500*			
75.0	**74.7**	**53,200***	**75.0**	**77.6**	**41,100***	**85.0**	**74.4**	**41,400***	**85.0**	**78.4**	**29,700***	**90.0**	**75.1**	**24,100***	**91.2**	**80.0**	**17,800***	**95.0**	**75.8**	**13,200***			
80.0	73.5	51,900*	80.0	76.3	40,600*	90.0	73.2	40,400*	90.0	77.2	29,400*	95.0	74.1	23,700*	95.0	79.1	17,600*	100.0	74.8	12,900*	104.0	80.0	9,400*
85.0	**72.2**	**50,900***	**85.0**	**75.0**	**39,900***	**95.0**	**72.0**	**39,500***	**95.0**	**76.0**	**29,100***	**100.0**	**73.0**	**23,200***	**100.0**	**78.0**	**17,300***	**110.0**	**72.8**	**12,200***	**110.0**	**78.7**	**9,300***
90.0	70.9	49,500*	90.0	73.8	38,900*	100.0	70.9	38,800*	100.0	74.8	28,700*	110.0	70.8	22,200*	110.0	75.8	16,800*	120.0	70.8	11,700*	120.0	76.6	8,900*
95.0	**69.7**	**45,900***	**95.0**	**72.5**	**37,900***	**110.0**	**68.5**	**37,200***	**110.0**	**72.4**	**27,900***	**120.0**	**68.5**	**21,400***	**120.0**	**73.5**	**16,200***	**130.0**	**68.7**	**11,200***	**130.0**	**74.5**	**8,800***
100.0	68.4	42,400	100.0	71.1	36,900*	120.0	66.1	35,700*	120.0	69.9	26,700*	130.0	66.3	20,500*	130.0	71.2	15,900*	140.0	66.6	10,700*	140.0	72.3	8,500*
110.0	**65.8**	**39,200**	**110.0**	**68.5**	**35,400***	**130.0**	**63.6**	**31,900***	**130.0**	**67.4**	**25,500***	**140.0**	**64.0**	**19,800***	**140.0**	**68.8**	**15,500***	**150.0**	**64.4**	**10,300***	**150.0**	**70.1**	**8,300***
120.0	63.1	30,800	120.0	65.8	33,100*	140.0	61.1	26,800	140.0	64.8	24,500*	150.0	61.7	19,000*	150.0	66.4	15,000*	160.0	62.2	9,800*	160.0	67.8	8,000*
130.0	**60.4**	**29,100**	**130.0**	**63.0**	**28,400***	**150.0**	**58.5**	**23,400**	**150.0**	**62.1**	**23,600***	**160.0**	**59.3**	**18,400***	**160.0**	**63.9**	**14,600***	**170.0**	**60.0**	**9,400***	**170.0**	**65.4**	**7,900***
140.0	57.5	25,100	140.0	60.1	25,900	160.0	55.6	20,400	160.0	59.3	22,700*	170.0	56.8	17,800*	170.0	61.3	14,500*	180.0	57.7	9,100*	180.0	63.0	7,700*
150.0	**54.5**	**21,500**	**150.0**	**57.1**	**23,000**	**170.0**	**53.0**	**17,500**	**170.0**	**56.4**	**20,400***	**180.0**	**54.2**	**17,300***	**180.0**	**58.6**	**14,200***	**190.0**	**55.3**	**8,800***	**190.0**	**60.6**	**7,500***
160.0	51.6	18,600	160.0	54.0	19,800	180.0	50.1	14,900	180.0	53.4	17,800*	190.0	51.6	16,500*	190.0	55.6	13,800*	200.0	52.6	8,500*	200.0	58.0	7,300*
170.0	**48.4**	**15,800**	**170.0**	**50.7**	**16,700**	**190.0**	**47.1**	**12,600**	**190.0**	**50.3**	**14,400***	**200.0**	**48.8**	**14,400***	**200.0**	**52.9**	**13,700***	**210.0**	**50.3**	**8,300***	**210.0**	**55.3**	**7,200***
180.0	45.1	13,300	180.0	47.2	14,200	200.0	43.9	10,600	200.0	46.9	12,100	210.0	45.9	12,300*	210.0	49.9	13,000*	220.0	47.6	8,000*	220.0	52.5	7,200*
190.0	**41.5**	**11,000**	**190.0**	**43.5**	**11,900**	**210.0**	**40.5**	**8,800**	**210.0**	**43.3**	**10,300**	**220.0**	**42.8**	**9,800***	**220.0**	**46.6**	**10,800***	**230.0**	**44.8**	**7,900***	**230.0**	**49.5**	**7,000***
200.0	37.6	8,900	200.0	39.4	9,700	220.0	36.7	7,300	220.0	39.3	8,400	230.0	39.5	7,400	230.0	43.1	8,900*	240.0	41.8	7,700*	240.0	46.3	7,000*
210.0	**33.4**	**7,200**	**210.0**	**35.0**	**7,700**	**230.0**	**32.7**	**6,100**	**230.0**	**34.9**	**6,700**	**240.0**	**36.0**	**6,100**	**240.0**	**39.2**	**7,000**	**250.0**	**38.7**	**7,000***	**250.0**	**42.9**	**7,000***
217.1	30.0	6,100	219.4	30.0	6,100	235.8	30.0	5,200	239.5	30.0	5,500	250.0	32.0	5,100	250.0	34.9	6,600	260.0	35.2	5,900*	260.0	39.1	6,500
												254.5	**30.0**	**4,400**	**259.5**	**30.0**	**4,400**	**270.0**	**31.4**	**4,700***	**270.0**	**34.8**	**5,100**
																		273.6	30.0	3,700*	275.5	32.1	4,100
Reeves		**2**	**Reeves**		**2**	**Reeves**		**2**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**

Note: Designed and rated to comply with ANSI Code B30.5

Capacities based on factors other than machine stability such as structural competence are shown by asterisk * in the charts. Refer to notes P12 and P13.

Fixed Jib Lifting Capacity (With 275 US t Main Hook)

Unit: lbs

Counterweight: 199,300 lbs, Carbody weight: 60,500 lbs

210' Boom

40 ft Jib						60 ft Jib						80 ft Jib						100 ft Jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
55.1	80.0	58,400*				62.0	80.0	46,500*				68.9	80.0	26,600*				75.5	80.0	14,700*			
60.0	**78.9**	**57,000***				**65.0**	**79.3**	**45,700***				**70.0**	**79.8**	**26,500***				**80.0**	**79.2**	**14,400***			
65.0	77.7	55,900*	67.2	80.0	43,300*	70.0	78.3	44,700*				75.0	78.7	25,900*				85.0	78.2	14,100*			
70.0	**76.5**	**54,800***	**70.0**	**79.3**	**41,900***	**75.0**	**77.2**	**43,700***				**80.0**	**77.7**	**25,400***				**90.0**	**77.3**	**13,700***			
75.0	75.3	53,800*	75.0	78.1	41,300*	80.0	76.1	42,700*	80.0	80.0	29,700*	85.0	76.7	24,900*				95.0	76.3	13,400*			
80.0	**74.1**	**52,800***	**80.0**	**76.9**	**40,800***	**85.0**	**75.0**	**41,900***	**85.0**	**78.9**	**29,700***	**90.0**	**75.7**	**24,400***	**92.8**	**80.0**	**17,800***	**100.0**	**75.3**	**13,100***	**105.6**	**80.0**	**9,400***
85.0	72.9	51,800*	85.0	75.7	40,300*	90.0	73.9	40,900*	90.0	77.7	29,600*	95.0	74.6	23,900*	95.0	79.5	17,600*	110.0	73.4	12,400*	110.0	79.1	9,300*
90.0	**71.7**	**49,900***	**90.0**	**74.4**	**39,300***	**95.0**	**72.7**	**40,100***	**95.0**	**76.6**	**29,300***	**100.0**	**73.6**	**23,400***	**100.0**	**78.5**	**17,300***	**120.0**	**71.4**	**11,800***	**120.0**	**77.1**	**9,100***
95.0	70.5	46,500	95.0	73.2	38,400*	100.0	71.6	39,400*	100.0	75.4	28,900*	110.0	71.5	22,500*	110.0	76.3	16,800*	130.0	69.4	11,300*	130.0	75.0	8,800*
100.0	**69.3**	**43,300**	**100.0**	**72.0**	**37,500***	**110.0**	**69.3**	**37,900***	**110.0**	**73.1**	**28,300***	**120.0**	**69.4**	**21,600***	**120.0**	**74.1**	**16,400***	**140.0**	**67.4**	**10,900***	**140.0**	**72.9**	**8,500***
110.0	66.8	38,900	110.0	69.4	35,900*	120.0	67.0	36,000*	120.0	70.7	27,000*	130.0	67.2	20,800*	130.0	71.9	15,900*	150.0	65.3	10,400*	150.0	70.8	8,400*
120.0	**64.3**	**33,200**	**120.0**	**66.8**	**32,900***	**130.0**	**64.7**	**31,100***	**130.0**	**68.3**	**25,900***	**140.0**	**65.0**	**20,100***	**140.0**	**69.6**	**15,500***	**160.0**	**63.2**	**10,000***	**160.0**	**68.6**	**8,100***
130.0	61.7	28,500	130.0	64.2	28,200	140.0	62.3	25,900	140.0	65.8	24,900*	150.0	62.8	19,400*	150.0	67.3	15,200*	170.0	61.1	9,700*	170.0	66.4	7,900*
140.0	**59.0**	**24,500**	**140.0**	**61.5**	**26,000**	**150.0**	**59.8**	**22,500**	**150.0**	**63.3**	**24,000***	**160.0**	**60.5**	**18,700***	**160.0**	**64.9**	**14,900***	**180.0**	**58.9**	**9,300***	**180.0**	**64.1**	**7,800***
150.0	56.3	21,000	150.0	58.6	22,300	160.0	57.3	19,600	160.0	60.7	22,700*	170.0	58.1	18,100*	170.0	62.5	14,500*	190.0	56.6	9,000*	190.0	61.7	7,500*
160.0	**53.4**	**17,700**	**160.0**	**55.7**	**19,100**	**170.0**	**54.6**	**16,700**	**170.0**	**58.0**	**20,200***	**180.0**	**55.7**	**17,500***	**180.0**	**60.0**	**14,300***	**200.0**	**54.3**	**8,700***	**200.0**	**59.3**	**7,400***
170.0	50.5	15,100	170.0	52.7	16,200	180.0	51.9	14,100	180.0	55.2	17,000*	190.0	53.2	15,900*	190.0	57.4	14,100*	210.0	51.9	8,500*	210.0	56.8	7,400*
180.0	**47.4**	**12,400**	**180.0**	**49.5**	**13,500**	**190.0**	**49.1**	**11,900**	**190.0**	**52.2**	**13,900***	**200.0**	**50.6**	**13,900***	**200.0**	**54.6**	**13,800***	**220.0**	**49.4**	**8,200***	**220.0**	**54.1**	**7,200***
190.0	44.1	10,100	190.0	46.1	11,000	200.0	46.1	9,900	200.0	49.1	11,500	210.0	47.9	11,000*	210.0	51.8	12,300*	230.0	46.7	7,900*	230.0	51.4	7,200*
200.0	**40.6**	**8,200**	**200.0**	**42.5**	**8,800**	**210.0**	**43.0**	**8,100**	**210.0**	**45.8**	**9,600**	**220.0**	**45.0**	**8,400**	**220.0**	**48.8**	**10,300***	**240.0**	**44.0**	**7,500***	**240.0**	**48.5**	**7,000***
210.0	36.8	6,300	210.0	38.5	7,200	220.0	39.6	6,500	220.0	42.3	7,600	230.0	42.0	6,700	230.0	45.6	8,500	250.0	41.1	6,500*	250.0	45.4	7,000*
220.0	**32.6**	**5,100**	**220.0**	**34.1**	**5,400**	**230.0**	**36.0**	**5,200**	**230.0**	**38.4**	**6,100**	**240.0**	**38.8**	**5,400**	**240.0**	**42.1**	**6,400**	**260.0**	**38.0**	**5,300***	**260.0**	**42.0**	**6,300***
225.7	30.0	4,100	228.3	30.0	4,100	240.0	32.0	4,000	240.0	34.1	4,600	250.0	35.3	4,500	250.0	38.3	5,000	270.0	34.8	4,200*	270.0	38.3	4,700
						244.7	**30.0**	**3,500**	**248.3**	**30.0**	**3,700**	**260.0**	**31.4**	**3,200**	**260.0**	**34.0**	**3,800**	**280.0**	**30.9**	**3,000***	**280.0**	**34.0**	**3,300**
												263.4	30.0	2,800	268.3	30.0	2,800	282.1	30.0	2,800*	282.1	30.0	3,000
Reeves		**2**	**Reeves**		**2**	**Reeves**		**2**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**

220' Boom

40 ft Jib						60 ft Jib						80 ft Jib						100 ft Jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
56.8	80.0	58,200*				63.6	80.0	46,500*				70.5	80.0	26,600*				77.4	80.0	14,700*			
60.0	**79.3**	**57,500***				**65.0**	**79.7**	**46,200***				**75.0**	**79.1**	**26,100***				**80.0**	**79.5**	**14,400***			
65.0	78.2	56,300*	68.8	80.0	42,100*	70.0	78.7	45,100*				80.0	78.1	25,600*				85.0	78.6	14,100*			
70.0	**77.0**	**55,300***	**70.0**	**79.7**	**42,000***	**75.0**	**77.6**	**44,100***				**85.0**	**77.2**	**24,900***				**90.0**	**77.7**	**13,700***			
75.0	75.9	54,300*	75.0	78.6	41,600*	80.0	76.6	43,200*	81.6	80.0	29,700*	90.0	76.2	24,500*	94.4	80.0	17,800*	95.0	76.7	13,400*			
80.0	**74.8**	**53,300***	**80.0**	**77.4**	**41,000***	**85.0**	**75.5**	**42,300***	**85.0**	**79.3**	**29,700***	**95.0**	**75.2**	**24,100***	**95.0**	**79.9**	**17,800***	**100.0**	**75.8**	**13,100***	**107.2**	**80.0**	**9,200***
85.0	73.6	52,500*	85.0	76.3	40,500*	90.0	74.4	41,300*	90.0	78.2	29,700*	100.0	74.2	23,600*	100.0	78.9	17,500*	110.0	73.9	12,600*	110.0	79.5	9,200*
90.0	**72.5**	**49,600***	**90.0**	**75.1**	**39,700***	**95.0**	**73.4**	**40,500***	**95.0**	**77.1**	**29,500***	**110.0**	**72.2**	**22,800***	**110.0**	**76.8**	**17,000***	**120.0**	**72.0**	**12,000***	**120.0**	**77.5**	**9,100***
95.0	71.3	46,100	95.0	73.9	38,900*	100.0	72.3	39,800*	100.0	76.0	29,100*	120.0	70.1	21,900*	120.0	74.7	16,400*	130.0	70.1	11,500*	130.0	75.6	8,800*
100.0	**70.1**	**43,100**	**100.0**	**72.7**	**38,000***	**110.0**	**70.1**	**38,300***	**110.0**	**73.8**	**28,400***	**130.0**	**68.0**	**21,000***	**130.0**	**72.6**	**16,100***	**140.0**	**68.1**	**11,000***	**140.0**	**73.5**	**8,500***
110.0	67.7	38,200	110.0	70.3	36,400*	120.0	67.9	36,200*	120.0	71.5	27,300*	140.0	65.9	20,300*	140.0	70.4	15,700*	150.0	66.2	10,600*	150.0	71.5	8,400*
120.0	**65.3**	**32,500**	**120.0**	**67.8**	**32,300***	**130.0**	**65.6**	**30,100***	**130.0**	**69.2**	**26,300***	**150.0**	**63.8**	**19,600***	**150.0**	**68.2**	**15,400***	**160.0**	**64.1**	**10,200***	**160.0**	**69.4**	**8,100***
130.0	62.9	27,800	130.0	65.3	28,500	140.0	63.3	25,400	140.0	66.8	25,300*	160.0	61.6	19,000*	160.0	65.9	15,100*	170.0	62.1	9,700*	170.0	67.3	7,900*
140.0	**60.3**	**23,800**	**140.0**	**62.7**	**25,400**	**150.0**	**61.0**	**21,900**	**150.0**	**64.4**	**24,300***	**170.0**	**59.3**	**18,300***	**170.0**	**63.6**	**14,700***	**180.0**	**60.0**	**9,400***	**180.0**	**65.1**	**7,800***
150.0	57.7	20,100	150.0	60.1	21,900	160.0	58.6	18,900	160.0	61.9	22,600*	180.0	57.0	17,500*	180.0	61.2	14,400*	190.0	57.6	9,200*	190.0	62.8	7,700*
160.0	**55.1**	**17,000**	**160.0**	**57.3**	**18,500**	**170.0**	**56.1**	**15,800**	**170.0**	**59.4**	**19,800***	**190.0**	**54.6**	**15,400***	**190.0**	**58.7**	**14,100***	**200.0**	**55.6**	**8,900***	**200.0**	**60.5**	**7,400***
170.0	52.3	14,200	170.0	54.5	15,100	180.0	53.5	13,300	180.0	56.7	16,000*	200.0	52.2	12,900*	200.0	56.2	13,600*	210.0	53.3	8,500*	210.0	58.1	7,400*
180.0	**49.4**	**11,600**	**180.0**	**51.5**	**12,800**	**190.0**	**50.9**	**11,000**	**190.0**	**54.0**	**13,200**	**210.0**	**49.6**	**9,600**	**210.0**	**53.5**	**11,600***	**220.0**	**50.9**	**8,300***	**220.0**	**55.8**	**7,200***
190.0	46.4	9,300	190.0	48.4	10,400	200.0	48.1	9,000	200.0	51.1	10,900	220.0	47.0	7,300	220.0	50.7	9,800*	230.0	48.5	8,100*	230.0	53.1	7,200*
200.0	**43.2**	**7,400**	**200.0**	**45.1**	**8,200**	**210.0**	**45.2**	**7,200**	**210.0**	**48.1**	**8,800**	**230.0**	**44.2**	**6,100**	**230.0**	**47.8**	**7,600**	**240.0**	**45.9**	**7,000***	**240.0**	**50.3**	**7,000***
210.0	39.8	5,900	210.0	41.5	6,300	220.0	42.1	5,900	220.0	44.8	7,000	240.0	41.2	4,800	240.0	44.6	5,800	250.0	43.2	5,800*	250.0	47.5	7,000*
220.0	**36.0**	**4,300**	**220.0**	**37.6**	**4,900**	**230.0**	**38.9**	**4,500**	**230.0**	**41.4**	**5,400**	**250.0**	**38.1**	**3,600**	**250.0**	**41.2**	**4,500**	**260.0**	**40.4**	**4,600***	**260.0**	**44.4**	**6,000***
230.0	32.0	3,000	229.6	33.5	3,500	240.0	35.3	3,100	240.0	37.6	4,200	255.9	36.1	3,000	260.0	37.5	3,300	270.0	37.3	3,600*	270.0	41.1	4,700*
234.5	**30.0**	**2,600**				**242.7**	**34.3**	**2,800**	**249.3**	**33.6**	**2,800**				**262.4**	**36.5**	**3,000**	**275.5**	**35.5**	**2,800***	**280.0**	**37.4**	**3,200**
																					282.1	36.6	2,600
Reeves		**2**	**Reeves**		**2**	**Reeves**		**2**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**

Note: Designed and rated to comply with ANSI Code B30.5

Capacities based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.

Refer to notes P12 and P13.

LIFTING CAPACITY

Fixed Jib Lifting Capacity (With 275 US t Main Hook)

Unit: lbs

Counterweight: 199,300 lbs, Carbody weight: 60,500 lbs

230' Boom

40 ft Jib						60 ft Jib						80 ft Jib						100 ft Jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
58.7	80.0	58,200*				65.3	80.0	46,500*				72.2	80.0	26,400*				79.0	80.0	14,700*			
60.0	**79.7**	**57,900***				**70.0**	**79.1**	**45,500***				**75.0**	**79.5**	**26,100***				**80.0**	**79.8**	**14,700***			
65.0	78.6	56,800*				75.0	78.1	44,600*				80.0	78.5	25,600*				85.0	78.9	14,300*			
70.0	**77.5**	**55,700***	**70.5**	**80.0**	**42,100***	**80.0**	**77.0**	**43,500***	**83.3**	**80.0**	**29,700***	**85.0**	**77.5**	**25,100***				**90.0**	**78.1**	**14,000***			
75.0	76.4	54,700*	75.0	79.0	41,800*	85.0	76.0	42,600*	85.0	79.7	29,700*	90.0	76.6	24,600*				95.0	77.2	13,600*			
80.0	**75.3**	**53,800***	**80.0**	**77.9**	**41,300***	**90.0**	**75.0**	**41,700***	**90.0**	**78.6**	**29,700***	**95.0**	**75.7**	**24,100***	**96.4**	**80.0**	**17,800***	**100.0**	**76.3**	**13,300***	**109.2**	**80.0**	**9,400***
85.0	74.2	52,900*	85.0	76.8	40,800*	95.0	74.0	41,000*	95.0	77.6	29,500*	100.0	74.7	23,700*	100.0	79.3	17,500*	110.0	74.4	12,600*	110.0	79.8	9,400*
90.0	**73.1**	**49,700***	**90.0**	**75.7**	**40,100***	**100.0**	**72.9**	**40,200***	**100.0**	**76.5**	**29,200***	**110.0**	**72.8**	**22,800***	**110.0**	**77.3**	**17,000***	**120.0**	**72.5**	**12,200***	**120.0**	**78.0**	**9,100***
95.0	72.0	46,900	95.0	74.5	39,300*	110.0	70.8	38,700*	110.0	74.4	28,500*	120.0	70.9	22,100*	120.0	75.2	16,600*	130.0	70.7	11,700*	130.0	76.0	8,800*
100.0	**70.9**	**44,000**	**100.0**	**73.4**	**38,500***	**120.0**	**68.7**	**35,800***	**120.0**	**72.2**	**27,800***	**130.0**	**68.8**	**21,200***	**130.0**	**73.2**	**16,100***	**140.0**	**68.9**	**11,100***	**140.0**	**74.1**	**8,700***
110.0	68.6	37,400	110.0	71.1	36,600*	130.0	66.5	29,100	130.0	70.0	26,600*	140.0	66.8	20,500*	140.0	71.1	15,700*	150.0	66.9	10,800*	150.0	72.1	8,400*
120.0	**66.3**	**31,800**	**120.0**	**68.7**	**31,800**	**140.0**	**64.3**	**24,700**	**140.0**	**67.7**	**25,500***	**150.0**	**64.7**	**19,900***	**150.0**	**69.0**	**15,400***	**160.0**	**65.0**	**10,400***	**160.0**	**70.1**	**8,200***
130.0	64.0	27,100	130.0	66.3	28,600	150.0	62.1	21,200	150.0	65.4	24,700*	160.0	62.6	19,200*	160.0	66.8	15,100*	170.0	63.0	9,900*	170.0	68.1	8,100*
140.0	**61.5**	**23,200**	**140.0**	**63.9**	**24,600**	**160.0**	**59.8**	**17,900**	**160.0**	**63.1**	**21,900***	**170.0**	**60.4**	**18,500***	**170.0**	**64.6**	**14,700***	**180.0**	**61.0**	**9,500***	**180.0**	**66.0**	**7,800***
150.0	59.1	19,500	150.0	61.3	21,000	170.0	57.4	15,100	170.0	60.6	18,500*	180.0	58.2	17,000*	180.0	62.3	14,500*	190.0	58.9	9,200*	190.0	63.8	7,700*
160.0	**56.5**	**16,200**	**160.0**	**58.8**	**17,600**	**180.0**	**55.0**	**12,500**	**180.0**	**58.1**	**14,800***	**190.0**	**56.0**	**14,600***	**190.0**	**60.0**	**14,300***	**200.0**	**56.8**	**9,100***	**200.0**	**61.6**	**7,600***
170.0	53.9	13,100	170.0	56.1	14,500	190.0	52.5	10,200	190.0	55.5	12,600	200.0	53.6	11,300*	200.0	57.5	13,300*	210.0	54.6	8,800*	210.0	59.4	7,400*
180.0	**51.2**	**10,500**	**180.0**	**53.3**	**11,800**	**200.0**	**49.9**	**8,200**	**200.0**	**52.8**	**10,200**	**210.0**	**51.2**	**8,300**	**210.0**	**55.0**	**11,400***	**220.0**	**52.4**	**8,400***	**220.0**	**57.0**	**7,300***
190.0	48.4	8,600	190.0	50.4	9,300	210.0	47.2	6,300	210.0	50.0	8,300	220.0	48.7	6,500	220.0	52.4	9,100*	230.0	50.1	7,800*	230.0	54.6	7,200*
200.0	**45.4**	**6,700**	**200.0**	**47.3**	**7,400**	**220.0**	**44.4**	**5,000**	**220.0**	**47.1**	**6,400**	**230.0**	**46.1**	**5,200**	**230.0**	**49.7**	**6,500**	**240.0**	**47.7**	**6,300***	**240.0**	**52.0**	**7,200***
210.0	42.3	5,000	210.0	44.1	5,700	230.0	41.4	3,700	230.0	43.9	5,000	240.0	43.4	3,900	240.0	46.8	5,200	250.0	45.1	4,900*	250.0	49.4	6,700*
220.0	**38.9**	**3,700**	**220.0**	**40.6**	**4,200**	**235.2**	**39.4**	**2,800**	**240.0**	**40.5**	**3,400**	**249.3**	**40.7**	**2,800**	**250.0**	**43.7**	**3,600**	**260.0**	**42.5**	**3,700***	**260.0**	**46.5**	**5,500***
223.0	37.9	3,300	229.6	37.0	2,600				242.7	39.5	3,000				255.9	41.8	3,000	269.0	40.0	2,600*	270.0	43.5	4,200*
																					275.5	**41.8**	**3,500***
Reeves		**2**	**Reeves**		**2**	**Reeves**		**2**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**

240' Boom

40 ft Jib						60 ft Jib						80 ft Jib						100 ft Jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
60.4	80.0	58,200*				67.3	80.0	46,500*				73.8	80.0	26,600*				80.7	80.0	14,700*			
65.0	**79.0**	**57,200***				**70.0**	**79.4**	**45,900***				**75.0**	**79.8**	**26,500***				**85.0**	**79.3**	**14,300***			
70.0	78.0	56,200*	72.1	80.0	42,100*	75.0	78.5	44,800*				80.0	78.9	25,800*				90.0	78.4	14,000*			
75.0	**76.9**	**55,200***	**75.0**	**79.4**	**41,800***	**80.0**	**77.5**	**43,800***				**85.0**	**78.0**	**25,300***				**95.0**	**77.5**	**13,700***			
80.0	75.9	54,200*	80.0	78.4	41,300*	85.0	76.5	43,000*	85.3	80.0	29,700*	90.0	77.1	24,800*				100.0	76.7	13,500*			
85.0	**74.8**	**53,400***	**85.0**	**77.3**	**41,000***	**90.0**	**75.5**	**42,200***	**90.0**	**79.0**	**29,700***	**95.0**	**76.1**	**24,400***	**98.0**	**80.0**	**17,800***	**110.0**	**74.9**	**12,800***	**110.8**	**80.0**	**9,400***
90.0	73.8	49,700*	90.0	76.2	40,500*	95.0	74.5	41,300*	95.0	78.0	29,600*	100.0	75.2	24,000*	100.0	79.6	17,500*	120.0	73.1	12,200*	120.0	78.3	9,100*
95.0	**72.7**	**46,200**	**95.0**	**75.1**	**39,800***	**100.0**	**73.5**	**40,500***	**100.0**	**77.0**	**29,400***	**110.0**	**73.3**	**23,200***	**110.0**	**77.7**	**17,200***	**130.0**	**71.3**	**11,700***	**130.0**	**76.5**	**9,000***
100.0	71.6	42,900	100.0	74.0	38,900*	110.0	71.5	38,200*	110.0	74.9	28,700*	120.0	71.4	22,300*	120.0	75.7	16,600*	140.0	69.5	11,300*	140.0	74.6	8,700*
110.0	**69.4**	**36,700**	**110.0**	**71.8**	**36,400***	**120.0**	**69.5**	**35,500***	**120.0**	**72.8**	**28,000***	**130.0**	**69.5**	**21,600***	**130.0**	**73.8**	**16,300***	**150.0**	**67.7**	**10,800***	**150.0**	**72.7**	**8,400***
120.0	67.2	31,200	120.0	69.5	31,500	130.0	67.4	26,500	130.0	70.7	27,000*	140.0	67.5	21,000*	140.0	71.8	16,000*	160.0	65.6	10,400*	160.0	70.8	8,200*
130.0	**65.0**	**26,500**	**130.0**	**67.3**	**28,300**	**140.0**	**65.3**	**24,200**	**140.0**	**68.6**	**26,000***	**150.0**	**65.6**	**20,300***	**150.0**	**69.7**	**15,600***	**170.0**	**63.9**	**10,100***	**170.0**	**68.8**	**8,100***
140.0	62.7	22,500	140.0	64.9	24,400	150.0	63.1	20,700	150.0	66.3	24,600*	160.0	63.5	19,600*	160.0	67.6	15,300*	180.0	62.0	9,800*	180.0	66.8	7,900*
150.0	**60.3**	**18,800**	**150.0**	**62.5**	**20,600**	**160.0**	**60.9**	**17,400**	**160.0**	**64.1**	**21,800***	**170.0**	**61.5**	**19,000***	**170.0**	**65.5**	**15,000***	**190.0**	**60.0**	**9,400***	**190.0**	**64.7**	**7,700***
160.0	57.9	15,500	160.0	60.1	17,200	170.0	58.7	14,500	170.0	61.8	17,700*	180.0	59.4	16,700*	180.0	63.3	14,600*	200.0	57.9	9,100*	200.0	62.6	7,600*
170.0	**55.4**	**12,700**	**170.0**	**57.5**	**14,200**	**180.0**	**56.4**	**11,800**	**180.0**	**59.4**	**14,300**	**190.0**	**57.2**	**13,500***	**190.0**	**61.1**	**14,300***	**210.0**	**55.9**	**8,600***	**210.0**	**60.5**	**7,400***
180.0	52.9	10,000	180.0	54.9	11,400	190.0	54.0	9,700	190.0	57.0	11,900	200.0	55.0	10,200*	200.0	58.8	13,100*	220.0	53.7	8,500*	220.0	58.3	7,300*
190.0	**50.2**	**8,100**	**190.0**	**52.2**	**9,100**	**200.0**	**51.5**	**7,500**	**200.0**	**54.4**	**9,700**	**210.0**	**52.7**	**7,700**	**210.0**	**56.4**	**10,700***	**230.0**	**51.5**	**7,200***	**230.0**	**56.0**	**7,200***
200.0	47.4	6,100	200.0	49.3	6,900	210.0	49.0	5,900	210.0	51.8	7,700	220.0	50.3	6,100	220.0	54.0	8,600*	240.0	49.2	5,900*	240.0	53.6	7,200*
210.0	**44.6**	**4,600**	**210.0**	**46.4**	**5,200**	**220.0**	**46.3**	**4,600**	**220.0**	**49.0**	**5,900**	**230.0**	**47.9**	**4,600**	**230.0**	**51.4**	**6,300**	**250.0**	**46.9**	**4,500***	**250.0**	**51.1**	**6,300***
220.0	41.5	3,100	220.0	43.2	3,700	229.6	43.7	3,300	230.0	46.1	4,500	240.0	45.3	3,500	240.0	48.7	4,800	260.0	44.4	3,100*	260.0	48.4	4,900*
223.0	**40.5**	**2,600**	**223.0**	**42.2**	**3,300**				**240.0**	**43.0**	**3,100**	**242.7**	**44.6**	**3,300**	**250.0**	**45.9**	**3,600**	**262.4**	**43.8**	**2,800***	**270.0**	**45.7**	**3,800***
									242.7	42.1	2,800				255.9	44.1	2,800				275.5	44.0	2,800*
Reeves		**2**	**Reeves**		**2**	**Reeves**		**2**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**

Note: Designed and rated to comply with ANSI Code B30.5

Capacities based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.

Refer to notes P12 and P13

Fixed Jib Lifting Capacity (With 275 US t Main Hook)

Unit: lbs

Counterweight: 199,300 lbs, Carbody weight: 60,500 lbs

250' Boom

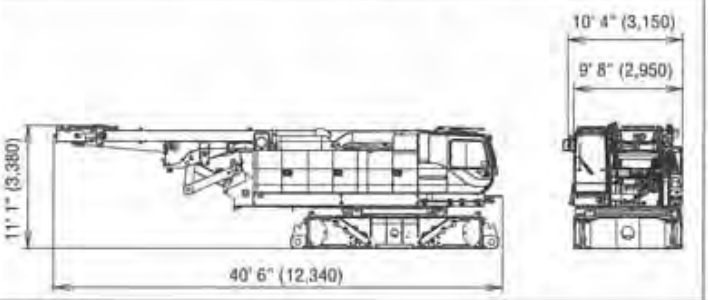
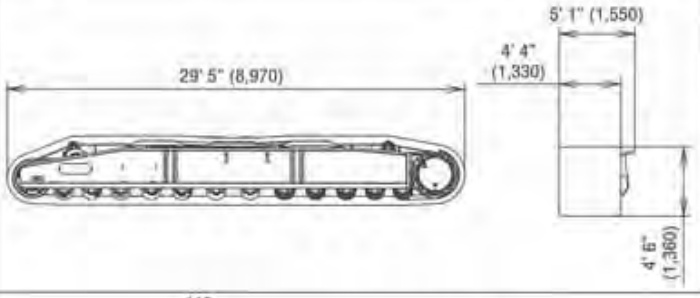
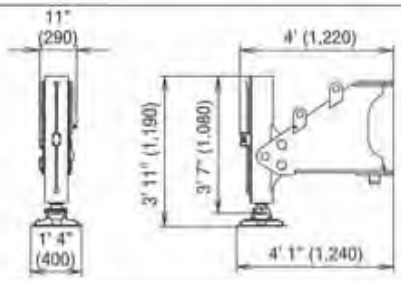
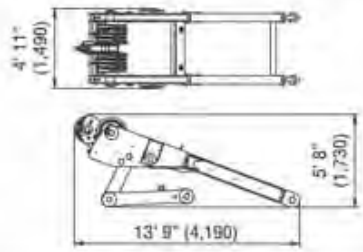
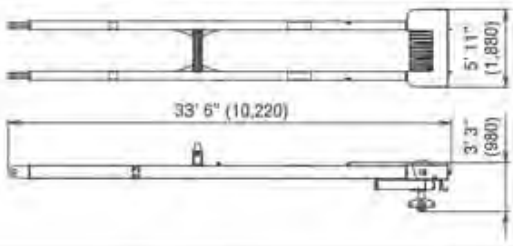
40 ft Jib						60 ft Jib						80 ft Jib						100 ft Jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
62.0	80.0	58,200*				68.9	80.0	46,500*				75.8	80.0	26,400*				82.7	80.0	14,700*			
65.0	**79.4**	**57,600***				**70.0**	**79.8**	**46,200***				**80.0**	**79.2**	**26,100***				**85.0**	**79.6**	**14,500***			
70.0	78.4	55,600*	74.1	80.0	42,100*	75.0	78.8	45,200*				85.0	78.3	25,600*				90.0	78.8	14,200*			
75.0	**77.4**	**53,500***	**75.0**	**79.8**	**42,000***	**80.0**	**77.9**	**44,300***				**90.0**	**77.5**	**25,000***				**95.0**	**77.9**	**13,800***			
80.0	76.4	51,500*	80.0	78.8	41,500*	85.0	76.9	43,400*	86.9	80.0	29,700*	95.0	76.6	24,700*	99.7	80.0	17,600*	100.0	77.1	13,500*			
85.0	**75.4**	**49,700***	**85.0**	**77.7**	**41,200***	**90.0**	**76.0**	**42,600***	**90.0**	**79.4**	**29,700***	**100.0**	**75.7**	**24,300***	**100.0**	**79.9**	**17,600***	**110.0**	**75.4**	**13,000***	**112.5**	**80.0**	**9,400***
90.0	74.3	48,400*	90.0	76.7	40,700*	95.0	75.0	41,800*	95.0	78.4	29,600*	110.0	73.8	23,400*	110.0	78.1	17,200*	120.0	73.6	12,500*	120.0	78.7	9,200*
95.0	**73.3**	**45,200**	**95.0**	**75.7**	**40,100***	**100.0**	**74.1**	**41,000***	**100.0**	**77.4**	**29,400***	**120.0**	**72.0**	**22,500***	**120.0**	**76.2**	**16,800***	**130.0**	**71.9**	**11,900***	**130.0**	**76.9**	**9,000***
100.0	72.3	41,100	100.0	74.6	39,400*	110.0	72.1	39,600*	110.0	75.4	28,900*	130.0	70.1	21,900*	130.0	74.3	16,300*	140.0	70.1	11,500*	140.0	76.1	8,700*
110.0	**70.2**	**35,200**	**110.0**	**72.5**	**36,300***	**120.0**	**70.2**	**34,500***	**120.0**	**73.4**	**28,300***	**140.0**	**68.3**	**21,200***	**140.0**	**72.4**	**16,000***	**150.0**	**68.4**	**11,000***	**150.0**	**73.3**	**8,500***
120.0	68.0	30,600	120.0	70.3	31,300	130.0	68.2	27,600	130.0	71.4	27,200*	150.0	66.4	20,500*	150.0	70.4	15,600*	160.0	66.5	10,700*	160.0	71.4	8,300*
130.0	**65.9**	**25,900**	**130.0**	**68.1**	**28,000**	**140.0**	**66.1**	**23,800**	**140.0**	**69.3**	**26,200***	**160.0**	**64.4**	**19,800***	**160.0**	**68.4**	**15,300***	**170.0**	**64.7**	**10,300***	**170.0**	**69.5**	**8,100***
140.0	63.7	22,000	140.0	65.9	23,800	150.0	64.1	20,100	150.0	67.2	24,400*	170.0	62.4	18,600*	170.0	66.4	15,000*	180.0	62.8	9,800*	180.0	67.6	8,000*
150.0	**61.4**	**18,100**	**150.0**	**63.6**	**19,900**	**160.0**	**62.0**	**16,700**	**160.0**	**65.1**	**20,900***	**180.0**	**60.4**	**15,800***	**180.0**	**64.3**	**14,700***	**190.0**	**60.9**	**9,700***	**190.0**	**65.6**	**7,700***
160.0	59.1	14,800	160.0	61.2	16,600	170.0	59.8	13,800	170.0	62.8	16,700*	190.0	58.4	12,200*	190.0	62.2	14,500*	200.0	59.0	9,300*	200.0	63.6	7,700*
170.0	**56.8**	**11,800**	**170.0**	**58.6**	**13,400**	**180.0**	**57.6**	**11,200**	**180.0**	**60.6**	**14,000**	**200.0**	**55.2**	**9,100**	**200.0**	**60.0**	**12,500***	**210.0**	**57.0**	**9,000***	**210.0**	**61.5**	**7,400***
180.0	54.4	9,400	180.0	56.4	10,800	190.0	55.4	9,000	190.0	58.3	11,300	210.0	54.1	7,000	210.0	57.7	10,500*	220.0	55.0	8,200*	220.0	59.4	7,300*
190.0	**51.9**	**7,300**	**190.0**	**53.8**	**8,400**	**200.0**	**53.0**	**6,900**	**200.0**	**55.9**	**9,100**	**220.0**	**51.8**	**5,400**	**220.0**	**55.4**	**7,600**	**230.0**	**52.9**	**6,700***	**230.0**	**57.2**	**7,200***
200.0	49.3	5,600	200.0	51.1	6,300	210.0	50.6	5,200	210.0	53.4	7,000	230.0	49.5	4,100	230.0	53.0	5,600	240.0	50.7	5,200*	240.0	54.9	7,100*
210.0	**46.6**	**3,900**	**210.0**	**48.4**	**4,800**	**220.0**	**48.1**	**3,800**	**220.0**	**50.8**	**5,500**	**240.0**	**47.1**	**2,900**	**240.0**	**50.5**	**4,200**	**250.0**	**48.5**	**3,800***	**250.0**	**52.6**	**6,000***
216.5	44.7	3,000	216.5	46.5	3,500	223.0	47.3	3,300	230.0	48.1	4,100	242.7	46.4	2,600	249.3	48.0	2,800	255.9	47.1	2,800*	260.0	50.1	4,500*
									236.2	**46.3**	**3,000**										**269.0**	**47.8**	**3,500***
Reeves		**2**	**Reeves**		**2**	**Reeves**		**2**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**	**Reeves**		**1**

Note: Designed and rated to comply with ANSI Code B30.5

Capacities based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.

Refer to notes P12 and P13.

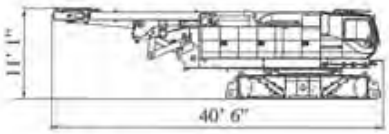
TRANSPORTATION PLAN

Name	Dimension ft-in (mm)	Weight lbs (kg)
Base Machine • Gantry • Mast • Wire rope (Front / rear / boom hoist) • Without crawler		99,760 (45,250)
Crawler		51,808 (23,500)
Translifter		860 (390)
Gantry		8,201 (3,720)
Mast		7,848 (3,560)

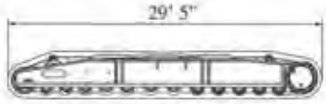
PARTS AND ATTACHMENTS

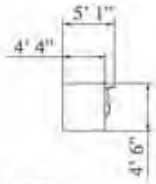
Dimensions: ft Weight: lbs

Base Machine
Gantry, Mast, Wire rope (Front/rear/boom hoist),
Without crawler
Weight: 99,760 lbs Width: 10' 4"

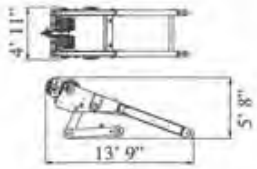


Crawler
Weight: 51,808 lbs

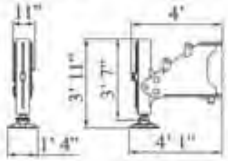




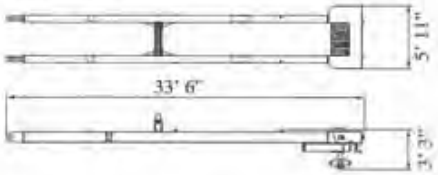
Gantry
Weight: 8,201 lbs



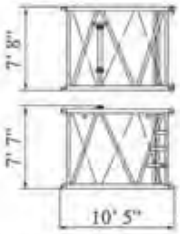
Translifter
Weight: 860 lbs



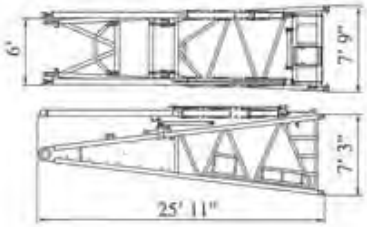
Mast
Weight: 7,848 lbs



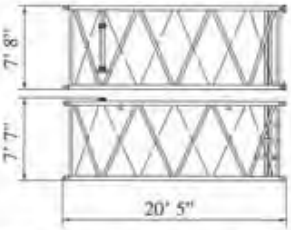
10 ft Insert Boom (With guy line)
Weight: 1,963 lbs



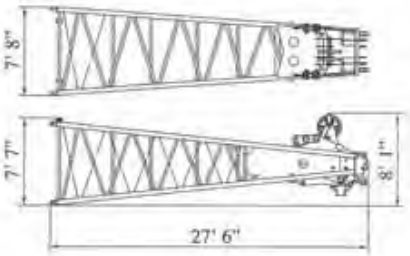
Boom Base
Weight: 10,285 lbs



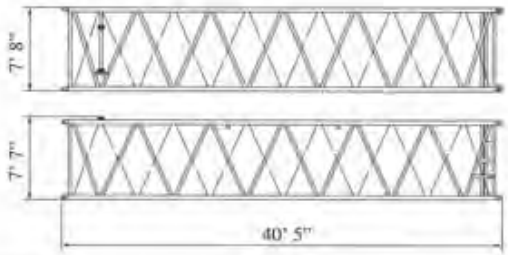
20 ft Insert Boom (With guy line)
Weight: 3,175 lbs



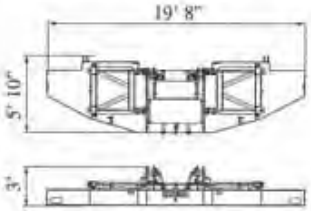
Boom Tip
Weight: 8,080 lbs



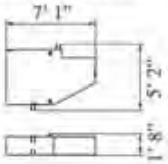
40 ft Insert Boom (With guy line)
Weight: 5,600 lbs



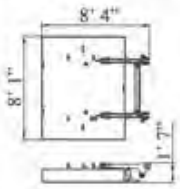
Counterweight A
Weight: 15,540 lbs (With hanger)



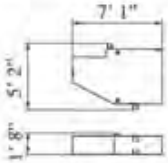
Counterweight B
Weight: 11,883 lbs



Carbody weight (Base)
Weight: 18,232 lbs

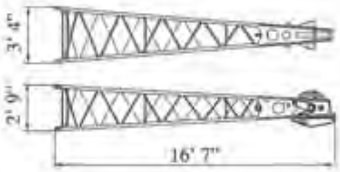


Counterweight C
Weight: 11,883 lbs

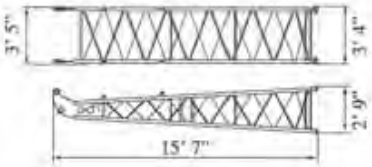


Dimensions: ft Weight: lbs

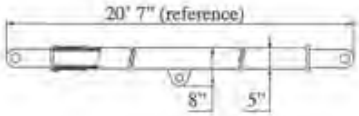
Jib Tip (for Crane)
Weight: 700 lbs



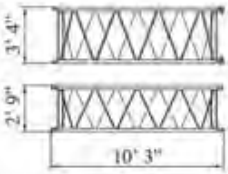
Jib Base (for Crane)
Weight: 465 lbs



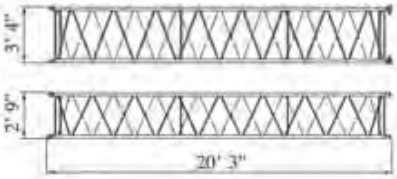
Crane Backstop
Weight: 463 lbs



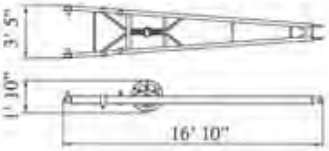
10 ft Insert Jib
Weight: 245 lbs



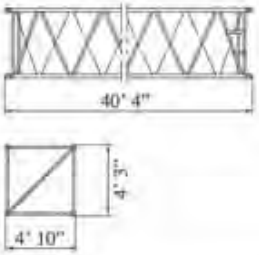
20 ft Insert Jib
Weight: 420 lbs



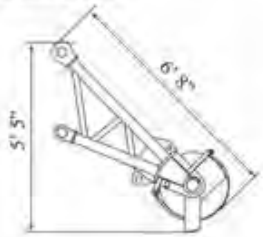
Jib Strut
Weight: 660 lbs



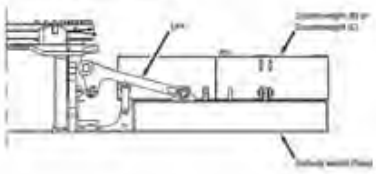
40 ft Insert Jib
Weight: 2,115 lbs



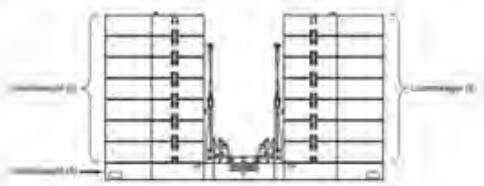
Auxiliary Sheave
Weight: 610 lbs



Carbody weight assy



Counterweight assy



Note: This catalog may contain photographs of machines with specifications, attachments and optional equipment not certified for operation in your country. Please consult KOBELCO for those items you may require. Due to our policy of continual product improvements all designs and specifications are subject to change without advance notice.

KOBELCO CRANES CO., LTD.

17-1, Higashigotanda 2-chome, Shinagawa-ku,Tokyo 141-8626 JAPAN
Tel: +81-3-5789-2130 Fax: +81-3-5789-3372
URL: http://www.kobelco-cranes.com/

Inquiries To :

KOBELCO CRANES NORTH AMERICA, INC.

10845 Train Court, Houston, Texas 77041, USA
Tel: +1-713-856-5755 Fax: +1-713-856-9072
URL: http://www.kobelcocranesnorthamerica.com/

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