

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

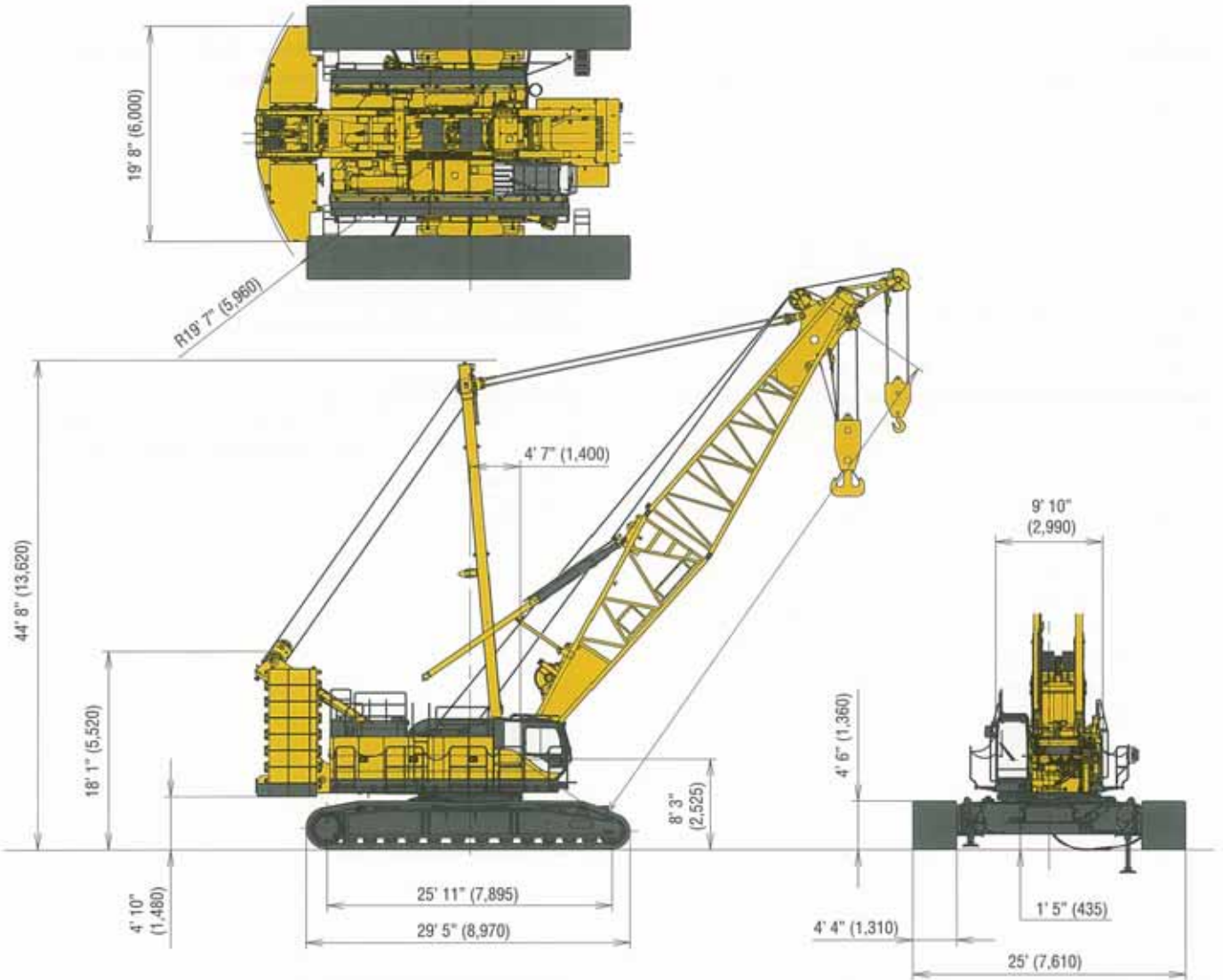
Main pumps	4 variable displacement
Max. Pressure	4,626 psi (31.9 MPa)
Hydraulic Tank Capacity	171.7 US gal. (650 liters)

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)	※
160 (48.8)	※
170 (51.8)	※

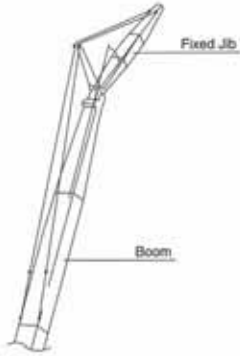
Boom length ft (m)	Boom arrangement
180 (54.9)	※
190 (57.9)	※
200 (61.0)	※
210 (64.0)	※
220 (67.1)	※
230 (70.1)	※
240 (73.2)	※
250 (76.2)	※
260 (79.3)	※
270 (82.3)	※
280 (85.3)	※
290 (88.4)	※
300 (91.4)	※

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



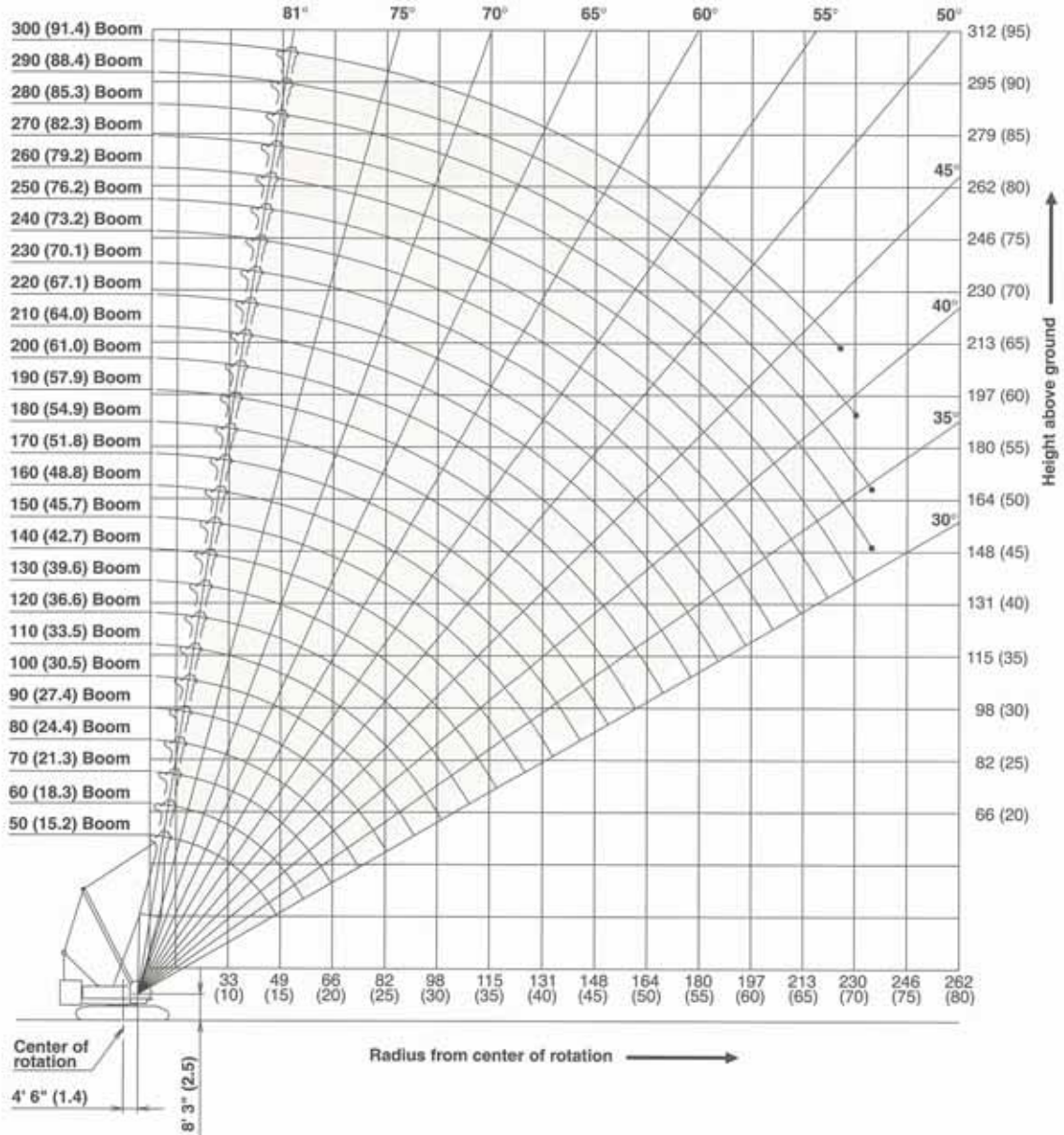
Crane boom length	Jib length ft (m)	Jib arrangement
90 ft (27.4 m)	40 (12.2)	
	60 (18.3)	
250 ft (76.2 m)	80 (24.4)	
	100 (30.5)	

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

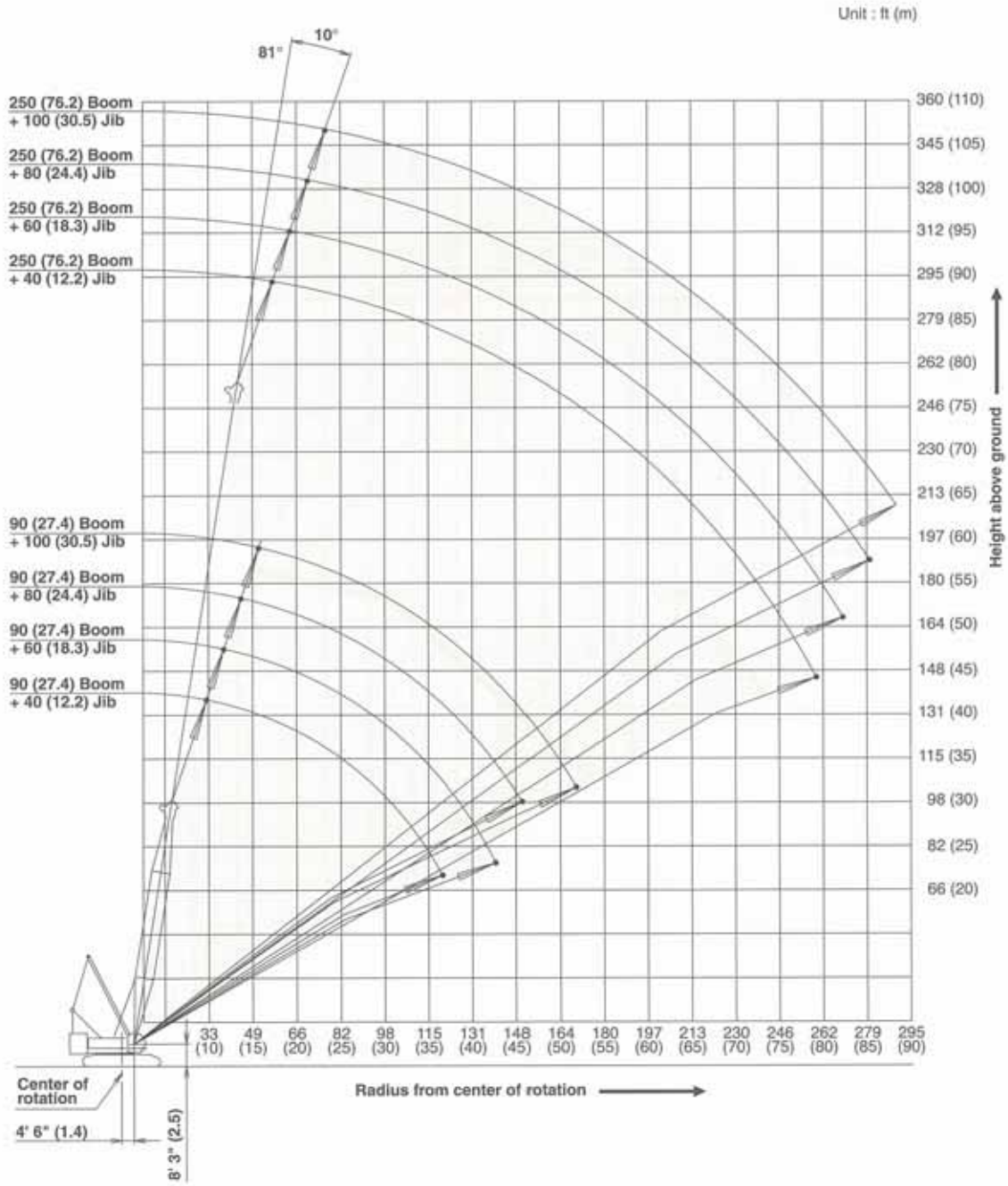
WORKING RANGES

Main Boom

Unit : ft (m)

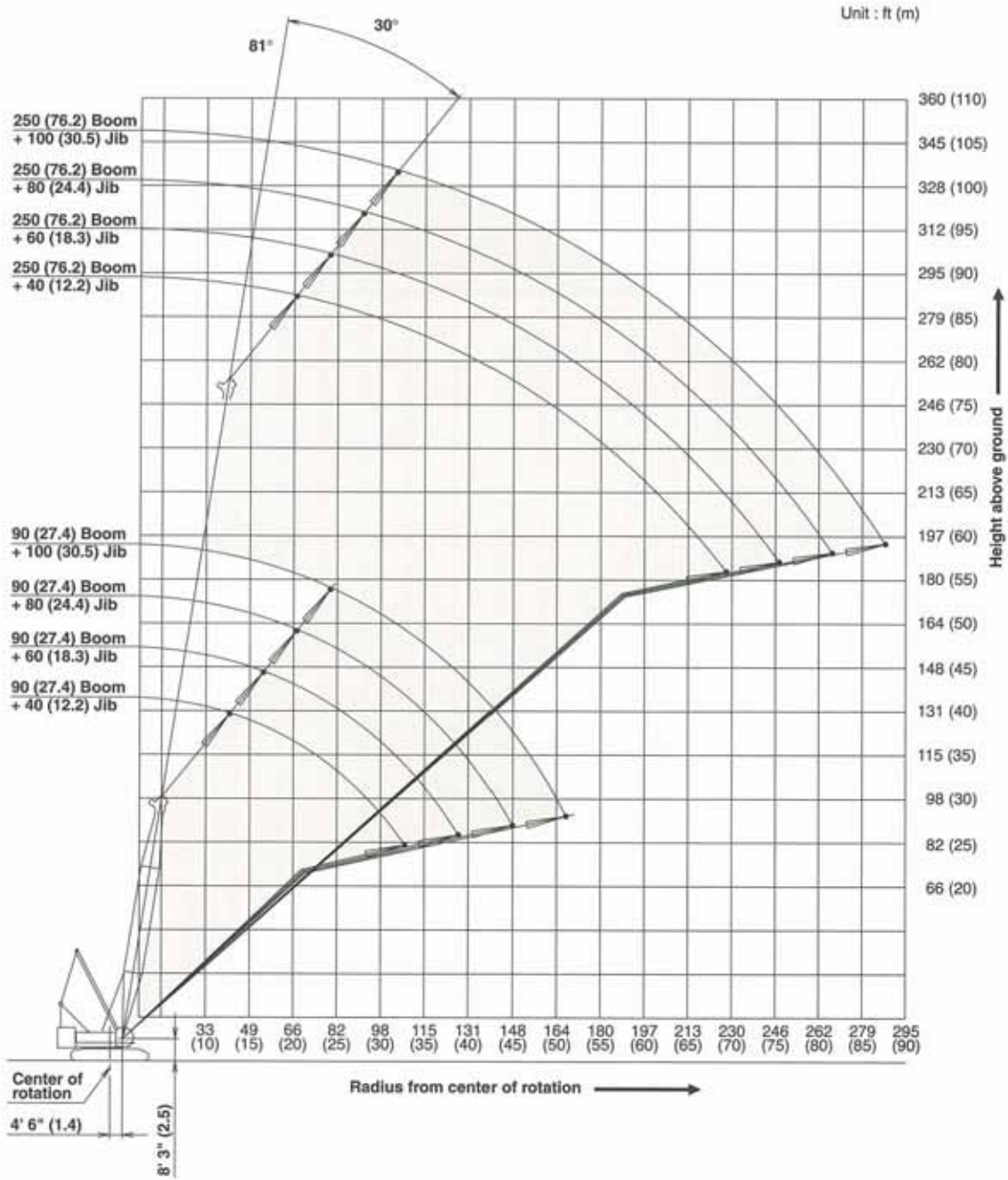


Fixed Jib 10°



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	27,800	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			260' Boom			270' Boom			280' Boom			290' 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)
49.5	80.0	108,200 *	51.1	80.0	98,500 *	52.8	80.0	90,100 *	54.4	80.0	82,400 *	56.4	80.0	74,500 *
50.0	79.9	108,000 *	55.0	79.1	97,000 *	55.0	79.5	89,200 *	55.0	79.9	82,200 *	60.0	79.3	73,000 *
55.0	78.7	103,100 *	60.0	78.0	93,700	60.0	78.5	86,800 *	60.0	78.9	80,300 *	65.0	78.3	71,200 *
60.0	77.5	95,800	65.0	76.9	85,600	65.0	77.4	83,300 *	65.0	77.8	78,200 *	70.0	77.2	69,500 *
65.0	76.3	87,400	70.0	75.7	78,700	70.0	76.3	77,000	70.0	76.8	74,300 *	75.0	76.2	66,800 *
70.0	75.2	80,300	75.0	74.6	72,500	75.0	75.2	70,800	75.0	75.7	69,400	80.0	75.2	63,100 *
75.0	74.0	74,000	80.0	73.5	66,800	80.0	74.1	65,300	80.0	74.7	64,000	85.0	74.2	58,200 *
80.0	72.8	68,300	85.0	72.3	62,000	85.0	73.0	60,400	85.0	73.6	59,300	90.0	73.2	54,100
85.0	71.6	63,300	90.0	71.1	57,600	90.0	71.9	56,200	90.0	72.5	55,100	95.0	72.1	50,300
90.0	70.3	58,600	95.0	70.0	53,400	95.0	70.7	52,300	95.0	71.4	51,200	100.0	71.1	46,800
95.0	69.1	54,100	100.0	68.8	49,500	100.0	69.6	48,700	100.0	70.4	47,700	110.0	69.0	40,700
100.0	67.9	49,900	110.0	66.4	42,600	110.0	67.3	41,900	110.0	68.2	41,500	120.0	66.8	35,700
110.0	65.4	43,000	120.0	64.0	36,900	120.0	65.0	36,300	120.0	65.9	36,000	130.0	64.7	31,000
120.0	62.8	37,400	130.0	61.5	32,200	130.0	62.6	31,600	130.0	63.7	31,200	140.0	62.4	27,100
130.0	60.2	32,700	140.0	58.9	28,200	140.0	60.2	27,600	140.0	61.4	27,400	150.0	60.2	23,600
140.0	57.5	28,700	150.0	56.3	24,900	150.0	57.7	24,300	150.0	59.0	23,800	160.0	57.9	20,600
150.0	54.8	25,400	160.0	53.6	22,000	160.0	55.2	21,200	160.0	56.6	20,800	170.0	55.5	17,700
160.0	51.9	22,400	170.0	50.8	19,300	170.0	52.5	18,400	170.0	54.1	18,000	180.0	53.1	15,200
170.0	48.9	19,700	180.0	47.9	16,700	180.0	49.8	16,000	180.0	51.5	15,600	190.0	50.5	13,000
180.0	45.8	17,400	190.0	44.8	14,600	190.0	46.9	13,900	190.0	48.8	13,500	200.0	47.9	11,100
190.0	42.5	15,200	200.0	41.6	12,600	200.0	43.9	11,900	200.0	46.0	11,400	210.0	45.2	9,400
200.0	38.9	13,300	210.0	38.1	11,000	210.0	40.8	10,100	210.0	43.1	9,600	220.0	42.3	7,700
210.0	35.1	11,600	220.0	34.3	9,400	220.0	37.4	8,600	220.0	40.0	8,200	230.0	39.3	6,300
220.0	30.8	10,100	230.0	30.2	8,000	230.0	33.7	7,200	230.0	36.7	6,700	236.2	37.3	5,500
221.7	30.0	9,900	230.3	30.0	7,900	239.1	30.0	6,100	240.0	33.1	5,500			
									242.7	32.0	5,200			
Reeves		4	Reeves		4	Reeves		4	Reeves		4	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 *	26.9	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	64,800 *	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	77.6	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	35,800	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	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	19,600*	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	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	50.1	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*										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*																		

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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	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*										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*																		

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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	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	56.5	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	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	60.5	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	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*										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	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	77.9	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	21,600*	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	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	38.8	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	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	36.6	13,400*	210.0	31.6	7,200*	210.0	36.5	6,600
150.0	34.3	31,500	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	6,800*	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	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	72.8	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	41,700	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	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	53.8	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	43.9	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)												
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	76.8	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	28,800*	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	28,600*	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	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)												
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	9,200*
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	48.6	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*	230.0	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*	244.7	30.0	5,900
Reeves	2	Reeves	2	Reeves	2	Reeves	1	Reeves	1	Reeves	1	Reeves	1	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)				
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*	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*	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*	85.0	74.5	23,800*	85.9	80.0	17,800*	
75.0	72.4	51,100*	75.0	75.7	40,300*	85.0	72.2	39,900*	90.0	73.3	23,300*	90.0	79.0	17,500*	
80.0	71.0	49,900*	80.0	74.2	39,300*	90.0	70.9	38,900*	95.0	72.1	22,800*	95.0	77.7	17,300*	
85.0	69.5	48,700*	85.0	72.7	38,200*	95.0	69.6	38,000*	100.0	70.8	22,300*	100.0	76.5	17,000*	
90.0	68.1	47,700*	90.0	71.2	37,100*	100.0	68.2	37,200*	100.0	68.4	21,300*	110.0	73.9	16,400*	
95.0	66.6	46,700*	95.0	69.7	36,200*	110.0	65.5	35,700*	110.0	65.8	20,300*	120.0	71.3	15,900*	
100.0	65.1	45,700*	100.0	68.2	35,400*	120.0	62.7	34,200*	120.0	63.2	19,500*	130.0	68.6	15,400*	
110.0	62.0	43,700*	110.0	65.0	33,700*	130.0	59.8	32,000*	130.0	60.5	18,800*	140.0	65.8	15,100*	
120.0	58.8	41,300*	120.0	61.8	32,300*	140.0	56.8	29,900*	140.0	60.8	18,100*	150.0	62.9	14,800*	
130.0	55.5	36,600*	130.0	58.4	31,200*	150.0	53.6	28,100*	150.0	57.6	17,400*	160.0	60.0	14,400*	
140.0	52.1	32,600*	140.0	54.8	30,000*	160.0	50.4	26,500*	160.0	54.2	16,700*	170.0	56.9	14,100*	
150.0	48.4	29,100*	150.0	51.1	29,100*	170.0	46.9	24,600*	170.0	50.6	16,000*	180.0	53.6	13,700*	
160.0	44.6	26,200*	160.0	47.1	26,800*	180.0	43.3	22,300*	180.0	46.7	15,500*	190.0	50.1	13,600*	
170.0	40.4	23,700*	170.0	42.7	24,100*	190.0	39.3	20,300*	190.0	42.5	15,000*	200.0	46.4	13,400*	
180.0	35.8	21,400*	180.0	37.8	21,800*	200.0	34.9	18,400*	200.0	37.7	14,900*	210.0	42.3	13,200*	
190.0	30.6	19,400*	190.0	32.3	19,600*	209.9	30.0	16,900*	210.0	32.3	14,400*	220.0	37.6	13,200*	
191.2	30.0	19,100*	193.5	30.0	18,900*				213.5	30.0	16,700*	228.6	30.0	14,300*	
												233.5	30.0	13,200*	
												247.3	30.0	6,600*	
												253.6	30.0	5,900*	
Reeves	2		Reeves	2		Reeves	2	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)				
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*	
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*	
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*	
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*	
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*	
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*	
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*	
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*	
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*	
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*	
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*	
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*	
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*	
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*	
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*	
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*	
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*	
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*	
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*	
			202.0	30.0	16,700*				222.1	30.0	14,900*	237.5	30.0	13,400*	
												242.1	30.0	13,200*	
Reeves	2		Reeves	2		Reeves	2	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)												
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	71.0	22,900*	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	60.3	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	61.6	32,100*	140.0	59.8	31,800	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	31,300	140.0	58.5	31,000	150.0	57.0	29,900	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)															
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	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*						
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	70.8	22,200*	110.0	75.8	16,800*	120.0	70.8	11,700*	120.0	76.6	8,900*			
95.0	69.7	48,900*	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	22,800	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	15,800*	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	13,000	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													

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	53,800*	75.0	78.1	41,300*				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	8,800*
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	65.8	24,900*	150.0	62.8	19,000*	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	48.8	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	32.6	12,100	220.0	34.1	12,300	230.0	36.0	11,600	230.0	38.4	12,200	240.0	38.8	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	228.3	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						
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	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	17,800*	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	16,800	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	11,800	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	236.6	30																			



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)											
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*		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*		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*		100.0	76.3	13,300*							
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	12,600*	109.2	80.0	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	12,200*	110.0	79.3	9,400*					
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	12,100*	120.0	75.2	9,100*					
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	11,900*	130.0	73.2	8,800*					
110.0	68.6	43,200	110.0	71.1	36,800*	130.0	66.5	34,000	130.0	70.0	26,600*	140.0	66.8	11,500*	140.0	71.1	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	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	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	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	7,700*					
160.0	56.5	22,400	160.0	58.8	23,400	180.0	55.0	18,600	180.0	58.1	20,200*	190.0	56.0	17,600*	190.0	60.0	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	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	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	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	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	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	6,800*					
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	6,700*					
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	6,500					
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	6,100					
												280.8	30.0	5,900	285.4	30.0	5,700	299.5	30.0	5,400		
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)											
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*		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*					
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*					
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*					
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*					
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*					
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*					
130.0	65.0	32,500	130.0	67.3	33,600	140.0	65.3	29,600	140.0	68.6	26,000*	150.0	65.6	20,300*	150.0	69.7	15,600*					
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*					
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*					
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*					
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*					
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*					
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*					
200.0	47.4	13,300	200.0	49.3	14,000	210.0	49.0	12,500	210.0	51.8	13,800	220.0	50.3	12,300	220.0	54.0	13,400*					
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					
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					
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					
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					
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					
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					
						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	4,900		
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)

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	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	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	72.3	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	46.6	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	3,600	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	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.

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)												
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*	85.0	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	13,600*	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	46.1	20,500*	170.0	34.3	14,700*	170.0	39.4	13,400*	180.0	38.6	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	31.5	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	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)												
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	53.8	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	37,100*	120.0	50.3	29,100*	160.0	34.3	22,000*	160.0	38.0	19,800*	180.0	33.3	14,800*	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	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	25,800*				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	80.1	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	16,000*	160.0	52.0	13,800*	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	42.8	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	32,900*	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	35.6	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	6,800*	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	21,800*	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	72.8	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)				
44.6	80.0	58,400*			51.5	80.0	46,700*			65.3	80.0	14,700*			
46.0	79.6	57,900*			55.0	79.0	45,600*			70.0	78.9	14,300*			
48.0	79.0	57,300*			60.0	77.6	44,300*			75.0	77.7	13,900*			
50.0	78.4	56,700*			65.0	76.2	43,100*	69.5	80.0	80.0	76.5	13,500*			
55.0	76.8	55,300*	56.7	80.0	70.0	74.8	41,900*	70.0	79.9	85.0	75.3	13,000*			
60.0	75.3	53,900*	60.0	78.9	75.0	73.4	40,700*	75.0	78.4	90.0	74.1	12,600*			
65.0	73.7	52,600*	65.0	77.3	80.0	71.9	39,600*	80.0	76.9	95.0	72.9	12,300*			
70.0	72.1	51,200*	70.0	75.7	85.0	70.5	38,600*	85.0	75.4	100.0	71.6	12,000*			
75.0	70.5	49,900*	75.0	74.1	90.0	69.0	37,700*	90.0	73.9	110.0	69.1	11,300*			
80.0	68.9	48,600*	80.0	72.4	95.0	67.5	36,900*	95.0	72.4	120.0	66.6	10,800*			
85.0	67.3	47,400*	85.0	70.8	100.0	66.0	36,100*	100.0	70.8	130.0	64.0	10,200*			
90.0	65.6	46,100*	90.0	69.1	110.0	62.9	34,500*	110.0	67.6	140.0	61.3	9,800*			
95.0	63.9	44,800*	95.0	67.3	120.0	59.7	32,100*	120.0	64.3	150.0	58.6	9,300*			
100.0	62.2	43,500*	100.0	65.6	130.0	56.4	29,700*	130.0	60.9	160.0	55.7	8,900*			
110.0	58.7	39,800	110.0	62.0	140.0	53.0	27,800*	140.0	57.3	170.0	52.8	8,600*			
120.0	55.0	37,000	120.0	58.2	150.0	49.4	26,100*	150.0	53.5	180.0	49.6	8,300*			
130.0	51.2	34,500	130.0	54.2	160.0	45.5	24,700*	160.0	49.4	190.0	46.4	8,100*			
140.0	47.1	31,800	140.0	49.9	170.0	41.3	22,800*	170.0	45.0	200.0	42.9	7,800*			
150.0	42.7	28,500	150.0	45.3	180.0	36.7	21,000	180.0	40.0	210.0	39.1	7,400*			
160.0	37.8	25,500	160.0	40.2	190.0	31.5	19,800	190.0	34.3	220.0	34.9	7,300*			
170.0	32.3	23,000	170.0	34.3	192.5	30.0	19,800	196.1	30.0	230.0	30.1	6,800*			
173.8	30.0	22,400	176.1	30.0						230.3	30.0	6,800*			
Reeves	2		Reeves	2		Reeves	2	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)				
46.3	80.0	58,400*			53.1	80.0	46,700*			66.9	80.0	14,700*			
48.0	79.5	57,900*			55.0	79.5	46,200*			70.0	79.3	14,500*			
50.0	79.0	57,300*			60.0	78.2	44,900*			75.0	78.2	14,100*			
55.0	77.5	55,900*	58.3	80.0	65.0	76.9	43,500*			80.0	77.0	13,700*			
60.0	76.0	54,600*	60.0	79.5	70.0	75.5	42,300*	71.1	80.0	85.0	75.9	13,200*			
65.0	74.5	53,200*	65.0	78.0	75.0	72.7	41,300*	75.0	79.0	90.0	74.7	12,900*			
70.0	73.0	51,800*	70.0	76.5	80.0	72.8	40,300*	80.0	77.6	95.0	73.6	12,500*			
75.0	71.5	50,300*	75.0	74.9	85.0	71.4	39,300*	85.0	76.1	100.0	72.4	12,200*			
80.0	70.0	49,000*	80.0	73.4	90.0	70.0	38,400*	90.0	74.7	110.0	70.0	11,500*			
85.0	68.5	47,700*	85.0	71.8	95.0	68.6	37,600*	95.0	73.2	120.0	67.6	10,900*			
90.0	66.9	46,500*	90.0	70.2	100.0	67.2	36,700*	100.0	71.8	130.0	65.1	10,400*			
95.0	65.3	45,400*	95.0	68.6	110.0	64.3	35,000*	110.0	68.8	140.0	62.6	10,000*			
100.0	63.7	44,000	100.0	66.9	120.0	61.3	33,200*	120.0	65.7	150.0	60.0	9,500*			
110.0	60.4	40,600	110.0	63.6	130.0	58.2	30,900*	130.0	62.5	160.0	57.3	9,100*			
120.0	57.0	38,500	120.0	60.1	140.0	55.0	28,900*	140.0	59.2	170.0	54.5	8,800*			
130.0	53.5	35,500	130.0	56.4	150.0	51.6	27,200*	150.0	55.7	180.0	51.6	8,500*			
140.0	49.8	31,400	140.0	52.6	160.0	48.1	24,900*	160.0	52.0	190.0	48.6	8,100*			
150.0	45.8	28,000	150.0	48.4	170.0	44.3	22,800	170.0	48.0	200.0	45.3	8,000*			
160.0	41.5	25,100	160.0	44.0	180.0	40.3	21,300	180.0	43.7	210.0	41.9	7,700*			
170.0	36.8	22,600	170.0	39.0	190.0	35.8	19,400	190.0	38.9	220.0	38.2	7,500*			
180.0	31.4	20,300	180.0	33.2	200.0	30.7	17,600	200.0	33.2	230.0	34.1	7,400*			
182.4	30.0	19,800	185.0	30.0	201.4	30.0	17,400	205.0	30.0	238.8	30.0	6,800*			
Reeves	2		Reeves	2		Reeves	2	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)			
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	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	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	12,800*
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	12,300*
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	11,800*
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	11,300*
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	10,700*
95.0	66.6	46,700*	95.0	69.7	36,200*	110.0	66.5	35,700*	110.0	69.8	26,600*	120.0	65.8	10,100*
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	9,500*
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	8,900*
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	8,100*
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	7,400*
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	6,700*
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	6,000*
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	5,300*
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	4,600*
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	3,900*
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	3,200*
191.2	30.0	17,600*	193.5	30.0	17,100*				213.5	30.0	15,200*	228.6	30.0	14,300*
Reeves	2		Reeves	2		Reeves	2		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)			
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	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	13,200*
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	12,800*
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	12,400*
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	12,000*
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	11,600*
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	11,000*
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	10,700*
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	10,100*
110.0	63.4	42,600*	110.0	66.3	34,300*	130.0	61.2	33,100*	130.0	65.2	24,800*	140.0	61.8	9,500*
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	8,900*
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	8,300*
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	7,700*
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	7,100*
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	6,500*
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	44.6	5,900*
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	5,300*
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	4,700*
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	4,100*
			202.0	30.0	14,900*				222.1	30.0	13,400*	237.5	30.0	11,600*
Reeves	2		Reeves	2		Reeves	2		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)				
55.1	80.0	58,400*			62.0	80.0	46,500*			75.5	80.0	14,700*			
60.0	78.9	57,000*			65.0	79.3	45,700*			80.0	79.2	14,400*			
65.0	77.7	55,900*	67.2	80.0	42,300*	70.0	78.3	44,700*			85.0	78.2	14,100*		
70.0	76.5	54,800*	70.0	79.3	41,900*	75.0	77.2	43,700*			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*	
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*	
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*	
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*	
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*	
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*	
110.0	66.8	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*	
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*	
130.0	61.7	32,300	130.0	64.2	31,700	140.0	62.3	29,400	140.0	65.8	24,900*	150.0	62.8	19,400*	
140.0	59.0	28,200	140.0	61.5	29,600	150.0	59.8	26,100	150.0	63.3	24,000*	160.0	60.5	18,700*	
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*	
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*	
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*	
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*	
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*	
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	
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	
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	
225.7	30.0	9,000	228.3	30.0	9,000	240.0	32.0	8,400	240.0	34.1	8,900	250.0	35.3	8,400	
						244.7	30.0	7,900	248.3	30.0	8,100	260.0	31.4	7,200	
									263.4	30.0	7,000	268.3	30.0	6,800	
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)				
56.8	80.0	58,200*			63.6	80.0	46,500*			77.4	80.0	14,700*			
60.0	79.3	57,500*			65.0	79.7	46,200*			80.0	79.5	14,400*			
65.0	78.2	56,300*	68.8	80.0	42,100*	70.0	78.7	45,100*			85.0	78.6	14,100*		
70.0	77.0	55,300*	70.0	79.7	42,000*	75.0	77.6	44,100*			90.0	77.7	13,700*		
75.0	75.9	54,300*	75.0	78.6	41,600*	80.0	76.6	43,200*			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	80.0	29,700*	90.0	75.2	24,500*	
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*	
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*	
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*	
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*	
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*	
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*	
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*	
140.0	60.3	27,600	140.0	62.7	28,900	150.0	61.0	25,400	150.0	64.4	24,300*	170.0	59.3	18,300*	
150.0	57.7	24,100	150.0	60.1	25,400	160.0	58.6	22,400	160.0	61.9	23,600*	180.0	57.0	17,800*	
160.0	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*	
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*	
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	
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	
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	
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	
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	
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	
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	
						253.2	30.0	6,300	256.8	30.0	6,100	271.9	30.0	5,200	
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)
58.7	80.0	58,200*				65.3	80.0	46,500*			
60.0	79.7	57,900*				70.0	79.1	45,600*			
65.0	78.6	56,800*				75.0	78.1	44,800*			
70.0	77.5	55,700*	70.5	80.0	42,100*	80.0	77.0	43,600*	83.3	80.0	29,700*
75.0	76.4	54,700*	75.0	79.0	41,800*	85.0	76.0	42,600*	85.0	79.7	29,700*
80.0	75.3	53,800*	80.0	77.9	41,300*	90.0	75.0	41,700*	90.0	78.6	29,700*
85.0	74.2	52,900*	85.0	76.8	40,800*	95.0	74.0	41,000*	95.0	77.6	29,500*
90.0	73.1	51,900*	90.0	75.7	40,100*	100.0	72.9	40,200*	100.0	76.5	29,200*
95.0	72.0	50,300*	95.0	74.5	39,300*	110.0	70.8	38,700*	110.0	74.4	28,500*
100.0	70.9	47,700*	100.0	73.4	38,500*	120.0	68.7	37,300*	120.0	72.2	27,800*
110.0	68.6	41,200*	110.0	71.1	36,800*	130.0	66.5	32,600*	130.0	70.0	26,600*
120.0	66.3	35,600*	120.0	68.7	34,900*	140.0	64.3	28,200*	140.0	67.7	25,500*
130.0	64.0	30,900*	130.0	66.3	32,100*	150.0	62.1	24,700*	150.0	65.4	24,700*
140.0	61.5	26,900*	140.0	63.9	28,100*	160.0	59.8	21,800*	160.0	63.1	23,800*
150.0	59.1	23,400*	150.0	61.3	24,700*	170.0	57.4	19,100*	170.0	60.6	21,700*
160.0	56.5	20,400*	160.0	58.8	21,500*	180.0	55.0	16,700*	180.0	58.1	18,500*
170.0	53.9	17,900*	170.0	56.1	18,900*	190.0	52.5	14,600*	190.0	55.5	16,500*
180.0	51.2	15,400*	180.0	53.3	16,300*	200.0	49.9	12,500*	200.0	52.8	14,200*
190.0	48.4	13,400*	190.0	50.4	13,900*	210.0	47.2	10,700*	210.0	50.0	12,300*
200.0	45.4	11,400*	200.0	47.3	12,000*	220.0	44.4	9,400*	220.0	47.1	10,600*
210.0	42.3	9,600*	210.0	44.1	10,300*	230.0	41.4	8,100*	230.0	43.9	9,200*
220.0	38.9	8,500*	220.0	40.6	8,800*	240.0	38.1	6,700*	240.0	40.5	7,700*
230.0	35.3	7,200*	230.0	36.8	7,200*	250.0	34.6	5,600*	250.0	36.8	6,500*
240.0	31.3	6,000*	240.0	32.6	6,200*	260.0	30.8	4,800*	260.0	32.6	5,500*
243.1	30.0	5,700*	245.4	30.0	5,500*	261.8	30.0	4,600*	265.4	30.0	4,600*
Reeves	2	Reeves	2	Reeves	2	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)
60.4	80.0	58,200*				67.3	80.0	46,500*			
65.0	79.0	57,200*				70.0	79.4	45,900*			
70.0	78.0	56,200*	72.1	80.0	42,100*	75.0	78.5	44,800*			
75.0	76.9	55,200*	75.0	79.4	41,800*	80.0	77.5	43,800*			
80.0	75.9	54,200*	80.0	78.4	41,300*	85.0	76.5	43,000*	85.3	80.0	29,700*
85.0	74.8	53,400*	85.0	77.3	41,000*	90.0	75.5	42,200*	90.0	79.0	29,700*
90.0	73.8	52,400*	90.0	76.2	40,500*	95.0	74.5	41,300*	95.0	78.0	29,600*
95.0	72.7	50,000*	95.0	75.1	39,800*	100.0	73.5	40,500*	100.0	77.0	29,400*
100.0	71.6	46,700*	100.0	74.0	38,900*	110.0	71.5	39,200*	110.0	74.9	28,700*
110.0	69.4	40,500*	110.0	71.8	37,200*	120.0	69.5	37,300*	120.0	72.8	28,000*
120.0	67.2	35,200*	120.0	69.5	35,000*	130.0	67.4	32,000*	130.0	70.7	27,000*
130.0	65.0	30,500*	130.0	67.3	31,800*	140.0	65.3	27,800*	140.0	68.6	26,000*
140.0	62.7	26,500*	140.0	64.9	28,000*	150.0	63.1	24,300*	150.0	66.3	25,000*
150.0	60.3	23,000*	150.0	62.5	24,100*	160.0	60.9	21,200*	160.0	64.1	24,300*
160.0	57.9	20,000*	160.0	60.1	21,200*	170.0	58.7	18,400*	170.0	61.8	21,000*
170.0	55.4	17,500*	170.0	57.5	18,400*	180.0	56.4	16,100*	180.0	59.4	18,100*
180.0	52.9	14,800*	180.0	54.9	15,900*	190.0	54.0	14,100*	190.0	57.0	15,900*
190.0	50.2	12,800*	190.0	52.2	13,700*	200.0	51.5	12,000*	200.0	54.4	13,900*
200.0	47.4	10,900*	200.0	49.3	11,500*	210.0	49.0	10,300*	210.0	51.8	11,800*
210.0	44.6	9,200*	210.0	46.4	10,100*	220.0	46.3	9,000*	220.0	49.0	10,100*
220.0	41.5	8,000*	220.0	43.2	8,300*	230.0	43.6	7,600*	230.0	46.1	8,700*
230.0	38.2	6,700*	230.0	39.8	6,900*	240.0	40.6	6,300*	240.0	43.0	7,400*
240.0	34.6	5,500*	240.0	36.0	5,400*	250.0	37.4	5,200*	250.0	39.7	6,000*
250.0	30.7	4,100*	250.0	31.9	4,300*	260.0	34.0	4,300*	260.0	36.0	5,000*
251.6	30.0	3,900*	254.2	30.0	4,100*	270.0	30.2	3,100*	270.0	31.9	3,800*
						270.6	30.0	3,000*	274.2	30.0	3,500*
Reeves	2	Reeves	2	Reeves	2	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	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	76.4	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	39,600*	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	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	63.6	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	63.6	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	9,600	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)											
34.1	80.0	59,500*				41.0	80.0	46,700*														
36.0	79.2	58,300*				42.0	79.6	46,300*														
38.0	78.3	57,000*				44.0	78.9	45,600*														
40.0	77.4	55,900*				46.0	78.1	44,900*														
42.0	76.5	55,100*				48.0	77.3	44,200*														
44.0	75.6	54,300*				50.0	76.5	43,400*														
46.0	74.7	53,500*	46.2	80.0	42,500*	55.0	74.5	41,700*	59.0	80.0	29,700*											
48.0	73.8	52,600*	48.0	79.2	42,100*	60.0	72.5	40,200*	60.0	79.6	29,700*											
50.0	72.8	51,700*	50.0	78.2	41,700*	65.0	70.4	38,700*	65.0	77.5	29,700*											
55.0	70.5	49,600*	55.0	75.8	40,500*	70.0	68.4	37,500*	70.0	75.4	29,100*											
60.0	68.1	47,700*	60.0	73.4	39,100*	75.0	66.2	36,300*	75.0	73.2	28,400*											
65.0	65.7	45,800*	65.0	70.9	37,200*	80.0	64.1	35,100*	80.0	70.9	27,500*											
70.0	63.2	44,300*	70.0	68.3	35,700*	85.0	61.9	34,000*	85.0	68.6	26,500*											
75.0	60.7	42,700*	75.0	65.7	34,300*	90.0	59.6	32,200*	90.0	66.3	25,500*											
80.0	58.1	41,300*	80.0	62.9	33,200*	95.0	57.3	30,500*	95.0	63.8	24,600*											
85.0	55.4	39,900*	85.0	60.1	32,000*	100.0	54.9	29,100*	100.0	61.3	23,700*											
90.0	52.5	38,600*	90.0	57.2	31,000*	110.0	49.8	26,500*	110.0	56.0	22,200*											
95.0	49.6	37,500*	95.0	54.1	30,100*	120.0	44.3	24,500*	120.0	50.0	21,100*											
100.0	46.5	36,400*	100.0	50.9	29,300*	130.0	38.0	22,800*	130.0	43.2	20,300*											
110.0	39.8	34,400*	110.0	43.6	28,100*	140.0	30.6	21,400*	140.0	34.5	19,700*											
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)											
36.1	80.0	58,200*				43.0	80.0	46,700*														
38.0	79.2	57,500*				44.0	79.6	46,300*														
40.0	78.3	56,800*				46.0	78.8	45,600*														
42.0	77.5	56,000*				48.0	78.1	44,900*														
44.0	76.7	55,200*				50.0	77.4	44,200*														
46.0	75.8	54,400*	47.9	80.0	42,500*	55.0	75.5	42,600*														
48.0	75.0	53,700*	48.0	79.9	42,500*	60.0	73.6	41,100*	61.0	80.0	29,700*											
50.0	74.1	53,000*	50.0	79.1	42,100*	65.0	71.7	39,600*	65.0	78.4	29,700*											
55.0	71.9	51,400*	55.0	76.9	41,100*	70.0	69.8	38,400*	70.0	76.4	29,300*											
60.0	69.8	49,700*	60.0	74.7	40,000*	75.0	67.8	37,200*	75.0	74.4	28,800*											
65.0	67.6	48,400*	65.0	72.4	38,300*	80.0	65.9	36,100*	80.0	72.3	28,100*											
70.0	65.3	46,900*	70.0	70.1	36,800*	85.0	63.8	35,100*	85.0	70.2	27,100*											
75.0	63.0	45,500*	75.0	67.7	35,300*	90.0	61.8	33,700*	90.0	68.0	26,100*											
80.0	60.6	44,200*	80.0	65.2	34,000*	95.0	59.6	32,200*	95.0	65.8	25,200*											
85.0	58.2	43,000*	85.0	62.7	32,900*	100.0	57.5	30,600*	100.0	63.6	24,400*											
90.0	55.7	41,700*	90.0	60.1	32,000*	110.0	52.9	27,900*	110.0	58.8	22,900*											
95.0	53.1	40,300*	95.0	57.4	31,100*	120.0	48.0	25,800*	120.0	53.6	21,800*											
100.0	50.4	39,000*	100.0	54.6	30,200*	130.0	42.7	24,000*	130.0	47.9	20,800*											
110.0	44.7	36,500*	110.0	48.5	28,800*	140.0	36.6	22,400*	140.0	41.3	20,100*											
120.0	38.2	34,100*	120.0	41.6	27,800*	149.2	30.0	21,300*	150.0	33.0	19,600*											
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 (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)														
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	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	56.5	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	31.5	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		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)														
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	25,600*	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*												
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	14,800*	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*	210.3	30.2	6,100*		
140.0	35.5	30,400*	140.0	38.2	27,600*				170.2	30.0	19,600*														
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		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*				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	28,600*	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*																		

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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*				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	72.8	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*

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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)			
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*	
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*
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*
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*
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*
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*
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*
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*
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*
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*
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	57.6	18,100*
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*
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*
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*
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*
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*
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*
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*
173.8	30.0	20,900	176.1	30.0	20,500							211.2	30.0	14,300*

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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)				
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*	
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*	
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*	
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*	
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*	
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*	
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*	
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*	
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*	
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*	
120.0	57.0	37,200	120.0	60.1	31,700*	140.0	55.0	28,900*	140.0	59.2	22,900*	160.0	53.2	17,100*	
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*	
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*	
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*	
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*	
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*	
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*	
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*	

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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)												
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	46,600*	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	59.8	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	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*	228.6	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	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)												
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	47,100*	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	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	61.8	19,200*	140.0	66.9	15,100*	160.0	60.0	9,600*	160.0	65.9	8,000*
120.0	60.4	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	60.6	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	18,600*	180.0	49.3	20,500*	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	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	36.8	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	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)						
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	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	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	75.0	76.1	42,800*	76.4	80.0	75.7	24,200*	89.2	80.0	17,800*			
75.0	74.0	52,400*	75.0	77.0	80.0	74.9	41,800*	80.0	79.1	29,700*	90.0	79.9	17,700*				
80.0	72.7	51,300*	80.0	75.7	85.0	73.7	40,800*	85.0	77.9	29,700*	95.0	78.7	17,500*				
85.0	71.4	50,300*	85.0	74.3	90.0	72.5	39,900*	90.0	76.7	29,400*	100.0	77.5	17,300*				
90.0	70.1	49,300*	90.0	73.0	95.0	71.3	39,100*	95.0	75.4	29,000*	110.0	75.2	16,800*				
95.0	68.7	47,300*	95.0	71.6	100.0	70.1	38,300*	100.0	74.2	28,500*	120.0	72.8	16,200*				
100.0	67.4	45,000	100.0	70.3	110.0	67.6	36,800*	110.0	71.6	27,500*	130.0	70.4	15,700*				
110.0	64.6	41,900	110.0	67.4	120.0	65.0	35,400*	120.0	69.0	26,200*	140.0	67.9	15,300*				
120.0	61.8	36,700	120.0	64.6	130.0	62.4	33,500*	130.0	66.3	25,200*	150.0	65.3	15,000*				
130.0	58.9	32,000	130.0	61.6	140.0	59.8	29,000	140.0	63.6	24,200*	160.0	62.7	14,600*				
140.0	55.9	28,000	140.0	58.5	150.0	57.0	26,000	150.0	60.7	23,200*	170.0	60.0	14,300*				
150.0	52.8	24,500	150.0	55.3	160.0	54.2	23,000	160.0	57.8	22,500*	180.0	57.1	14,000*				
160.0	49.5	21,500	160.0	52.0	170.0	51.2	20,200	170.0	54.7	21,800*	190.0	54.2	13,800*				
170.0	46.1	19,100	170.0	48.4	180.0	48.1	18,000	180.0	51.5	20,400*	200.0	51.0	13,600*				
180.0	42.4	16,700	180.0	44.6	190.0	44.8	15,900	190.0	48.0	17,500*	210.0	47.7	13,400*				
190.0	38.5	14,600	190.0	40.5	200.0	41.3	13,900	200.0	44.3	15,200*	220.0	44.1	13,000*				
200.0	34.1	12,500	200.0	35.8	210.0	37.6	12,100	210.0	40.3	13,200	230.0	40.2	11,800*				
208.3	30.0	11,200	210.0	30.5	220.0	33.4	10,500	220.0	35.8	11,400	240.0	35.7	9,900*				
			210.9	30.0	227.3	30.0	9,400	230.0	30.5	9,600	246.0	30.0	8,300				
								230.9	30.0	9,400			250.9	30.0	8,100		
															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)						
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	75.0	76.7	43,300*	78.0	80.0	29,700*	80.0	77.3	25,100*				
70.0	75.9	54,400*	70.0	78.8	80.0	75.5	42,300*	80.0	79.6	29,700*	85.0	76.2	24,500*				
75.0	74.7	53,200*	75.0	77.6	85.0	74.4	41,400*	85.0	78.4	29,700*	90.0	75.1	24,100*				
80.0	73.5	51,900*	80.0	76.3	90.0	73.2	40,400*	90.0	77.2	29,400*	95.0	74.1	23,700*				
85.0	72.2	50,900*	85.0	75.0	95.0	72.0	39,500*	95.0	76.0	29,100*	100.0	73.0	23,200*				
90.0	70.9	49,900*	90.0	73.8	100.0	70.9	38,800*	100.0	74.8	28,700*	110.0	70.8	22,200*				
95.0	69.7	47,400*	95.0	72.5	110.0	68.5	37,200*	110.0	72.4	27,900*	120.0	68.6	21,400*				
100.0	68.4	44,800	100.0	71.1	120.0	66.1	35,900*	120.0	69.9	26,700*	130.0	66.3	20,500*				
110.0	65.8	41,600	110.0	68.5	130.0	63.6	33,800*	130.0	67.4	25,500*	140.0	64.0	19,800*				
120.0	63.1	36,300	120.0	65.8	140.0	61.1	28,800	140.0	64.8	24,500*	150.0	61.7	19,000*				
130.0	60.4	31,600	130.0	63.0	150.0	58.5	25,400	150.0	62.1	23,600*	160.0	59.3	18,400*				
140.0	57.5	27,600	140.0	60.1	160.0	55.8	22,400	160.0	59.3	22,800*	170.0	56.8	17,800*				
150.0	54.6	23,900	150.0	57.1	170.0	53.0	19,700	170.0	56.4	22,000*	180.0	54.2	17,300*				
160.0	51.6	21,100	160.0	54.0	180.0	50.1	17,500	180.0	53.4	20,000*	190.0	51.6	16,700*				
170.0	48.4	18,600	170.0	50.7	190.0	47.1	15,200	190.0	50.3	16,800*	200.0	48.8	16,300*				
180.0	45.1	16,100	180.0	47.2	200.0	43.9	13,200	200.0	46.9	14,700	210.0	45.9	14,900*				
190.0	41.5	14,100	190.0	43.5	210.0	40.5	11,400	210.0	43.3	13,000	220.0	42.8	12,400*				
200.0	37.6	11,900	200.0	39.4	220.0	36.7	9,900	220.0	39.3	10,900	230.0	39.5	9,800				
210.0	33.4	10,300	210.0	35.0	230.0	32.7	8,700	230.0	34.9	9,400	240.0	36.0	8,700				
217.1	30.0	9,200	219.4	30.0	235.8	30.0	7,900	239.5	30.0	8,100	250.0	32.0	7,600				
											254.5	30.0	7,000				
															259.5	30.0	6,800
															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		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)			
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	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	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	18,700*	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	21,800	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	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	54.6	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	32.6	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	7,600	270.0	34.6	6,700*	270.0	38.3	6,500
					244.7	30.0	6,100	248.3	30.0	6,300	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	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		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)			
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					



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)						
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*			80.0	77.0	43,600*	83.3	80.0	29,700*		85.0	77.6	14,000*			
75.0	76.4	54,700*			85.0	76.0	42,600*	85.0	79.7	29,700*		90.0	77.2	13,600*			
80.0	75.3	53,800*			90.0	75.0	41,700*	90.0	78.6	29,700*	95.0	75.7	24,100*	96.4	80.0	17,800*	
85.0	74.2	52,900*			95.0	74.0	41,000*	95.0	77.6	29,500*	100.0	74.7	23,700*	100.0	79.3	17,500*	
90.0	73.1	51,300*			100.0	72.9	40,200*	100.0	76.5	29,200*	110.0	72.8	22,800*	110.0	77.3	17,000*	
95.0	72.0	49,100			110.0	70.8	38,700*	110.0	74.4	28,500*	120.0	70.8	22,100*	120.0	75.2	16,600*	
100.0	70.9	46,200			120.0	68.7	36,900*	120.0	72.2	27,800*	130.0	68.8	21,200*	130.0	73.2	16,100*	
110.0	68.6	39,900			130.0	66.5	31,300	130.0	70.0	26,600*	140.0	66.8	20,500*	140.0	71.1	15,700*	
120.0	66.3	34,300			140.0	64.3	27,100	140.0	67.7	25,500*	150.0	64.7	19,900*	150.0	69.0	15,400*	
130.0	64.0	29,600			150.0	62.1	23,400	150.0	65.4	24,700*	160.0	62.6	19,200*	160.0	66.8	15,100*	
140.0	61.5	25,600			160.0	59.8	20,400	160.0	63.1	23,600*	170.0	60.4	18,500*	170.0	64.6	14,700*	
150.0	59.1	22,100			170.0	57.4	17,700	170.0	60.6	20,500*	180.0	58.2	18,100*	180.0	62.3	14,500*	
160.0	56.5	19,000			180.0	55.0	15,200	180.0	58.1	17,400*	190.0	56.0	17,000*	190.0	60.0	14,300*	
170.0	53.9	16,200			190.0	52.5	12,800	190.0	55.5	15,000	200.0	53.6	13,900*	200.0	57.5	14,000*	
180.0	51.2	13,600			200.0	49.9	10,900	200.0	52.8	12,800	210.0	51.2	11,000	210.0	55.0	13,600*	
190.0	48.4	11,500			210.0	47.2	9,200	210.0	50.0	10,700	220.0	48.7	9,200	220.0	52.4	11,500*	
200.0	45.4	9,700			220.0	44.4	7,900	220.0	47.1	9,100	230.0	46.1	7,800	230.0	49.7	8,900	
210.0	42.3	7,900			230.0	41.4	6,500	230.0	43.9	7,600	240.0	43.4	6,500	240.0	46.8	7,600	
220.0	38.9	6,800			240.0	38.1	5,200	240.0	40.5	6,200	250.0	40.5	5,400	250.0	43.7	6,300	
230.0	35.3	5,400			250.0	34.6	4,100	250.0	36.8	4,700	260.0	37.4	4,500	260.0	40.4	5,100	
240.0	31.3	4,200			260.0	30.8	3,100	260.0	32.6	3,900	270.0	34.0	3,400	270.0	36.7	4,000	
243.1	30.0	3,900			261.8	30.0	2,800	265.4	30.0	3,000	275.5	32.0	2,800	280.0	32.6	3,000	
														282.1	31.6	2,800	
Reeves	2	Reeves	2	Reeves	2	Reeves	1	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)						
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*			75.0	78.5	44,800*		80.0	78.9	25,800*		90.0	78.4	14,000*		
75.0	76.9	55,200*			80.0	77.5	43,800*		85.0	78.0	25,300*		95.0	77.5	13,700*		
80.0	75.9	54,200*			85.0	76.5	43,000*	85.3	80.0	29,700*		90.0	77.1	13,500*			
85.0	74.8	53,400*			90.0	75.5	42,200*	90.0	79.0	29,700*	95.0	76.1	24,400*	98.0	80.0	17,800*	
90.0	73.8	51,400*			95.0	74.5	41,300*	95.0	78.0	29,600*	100.0	75.2	24,000*	100.0	79.6	17,500*	
95.0	72.7	48,700			100.0	73.5	40,500*	100.0	77.0	29,400*	110.0	73.3	23,200*	110.0	77.7	17,200*	
100.0	71.6	45,400			110.0	71.5	39,200*	110.0	74.9	28,700*	120.0	71.4	22,300*	120.0	75.7	16,600*	
110.0	69.4	39,100			120.0	69.5	36,900*	120.0	72.8	28,000*	130.0	69.5	21,600*	130.0	73.8	16,300*	
120.0	67.2	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*	
130.0	65.0	29,000			140.0	65.3	26,500	140.0	68.6	26,000*	150.0	65.6	20,300*	150.0	69.7	15,600*	
140.0	62.7	24,900			150.0	63.1	23,000	150.0	66.3	25,000*	160.0	63.5	19,600*	160.0	67.6	15,300*	
150.0	60.3	21,400			160.0	60.9	19,900	160.0	64.1	23,700*	170.0	61.5	19,000*	170.0	65.5	15,000*	
160.0	57.9	18,400			170.0	58.7	17,100	170.0	61.8	19,900*	180.0	59.4	18,400*	180.0	63.3	14,600*	
170.0	55.4	15,700			180.0	56.4	14,600	180.0	59.4	16,800	190.0	57.2	15,900*	190.0	61.1	14,300*	
180.0	52.9	13,100			190.0	54.0	12,400	190.0	57.0	14,600	200.0	55.0	12,800*	200.0	58.8	14,200*	
190.0	50.2	11,000			200.0	51.5	10,300	200.0	54.4	12,300	210.0	52.7	10,300	210.0	56.4	13,200*	
200.0	47.4	9,100			210.0	49.0	8,800	210.0	51.8	10,300	220.0	50.3	8,700	220.0	54.0	11,000*	
210.0	44.6	7,700			220.0	46.3	7,400	220.0	49.0	8,500	230.0	47.9	7,400	230.0	51.4	8,700	
220.0	41.5	6,200			230.0	43.2	6,000	230.0	46.1	7,200	240.0	45.3	6,200	240.0	48.7	7,300	
230.0	38.2	5,000			240.0	40.6	4,600	240.0	43.0	5,800	250.0	42.6	5,000	250.0	45.9	6,000	
240.0	34.6	3,800			250.0	37.4	3,600	250.0	39.7	4,500	260.0	39.8	3,900	260.0	42.8	4,700	
242.7	33.6	3,500			255.9	35.5	2,800	260.0	36.0	3,300	269.0	37.0	3,000	270.0	39.6	3,600	
								262.4	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	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	76.8	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	63.6	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	4,600*	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		275.5	42.3	2,600		44.8	3,700*		
242.7	36.6	2,600	242.7	38.0	3,000						260.0	38.9	2,900									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		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)														
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	80.0	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	63.8	24,800*	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	52.6	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*														
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		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)														
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*	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	16,800*	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	48.6	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*														
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		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)														
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	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	56.5	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		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)														
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*												
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*	210.3	30.0	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*					
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		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)
41.3	80.0	58,400*				47.9	80.0	46,700*			
42.0	79.7	58,100*				48.0	79.9	46,700*			
44.0	79.0	57,500*				50.0	79.4	46,100*			
46.0	78.4	56,800*				55.0	77.8	44,600*			
48.0	77.7	56,100*				60.0	76.3	43,100*			
50.0	77.0	55,500*	53.1	80.0	42,300*	65.0	74.7	41,800*	65.9	80.0	29,700*
55.0	75.2	53,900*	55.0	79.4	42,000*	70.0	73.1	40,600*	70.0	78.7	29,700*
60.0	73.5	52,400*	60.0	77.6	41,300*	75.0	71.5	39,400*	75.0	77.1	29,400*
65.0	71.7	51,000*	65.0	75.7	40,600*	80.0	69.9	38,300*	80.0	75.4	29,000*
70.0	69.9	49,700*	70.0	73.9	39,200*	85.0	68.3	37,300*	85.0	73.7	28,600*
75.0	68.1	48,400*	75.0	72.0	37,900*	90.0	66.6	36,400*	90.0	72.0	27,800*
80.0	66.2	47,100*	80.0	70.1	36,700*	95.0	64.9	35,600*	95.0	70.2	27,000*
85.0	64.4	45,900*	85.0	68.2	35,500*	100.0	63.2	34,600*	100.0	68.5	26,200*
90.0	62.5	44,500*	90.0	66.3	34,500*	110.0	59.7	32,100*	110.0	64.8	24,700*
95.0	60.5	43,400*	95.0	64.2	33,500*	120.0	56.0	29,600*	120.0	61.0	23,500*
100.0	58.5	41,800*	100.0	62.2	32,600*	130.0	52.2	27,500*	130.0	57.0	22,300*
110.0	54.4	36,100*	110.0	57.9	31,100*	140.0	48.1	25,700*	140.0	52.7	21,600*
120.0	50.0	32,600	120.0	53.4	29,700*	150.0	43.7	24,100*	150.0	48.0	20,700*
130.0	45.3	30,400	130.0	48.5	28,700*	160.0	38.8	22,800*	160.0	42.7	20,100*
140.0	40.2	28,400	140.0	43.0	27,700*	170.0	33.3	20,800*	170.0	36.7	19,800*
150.0	34.3	26,200	150.0	36.8	24,500*	175.1	30.0	19,400*	178.8	30.0	19,600*
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

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)
43.0	80.0	58,400*				49.9	80.0	46,700*			
44.0	79.7	58,100*				50.0	79.9	46,600*			
46.0	79.0	57,500*				55.0	78.5	45,100*			
48.0	78.4	56,800*				60.0	77.0	43,800*			
50.0	77.7	56,100*				65.0	75.5	42,400*	67.9	80.0	29,700*
55.0	76.1	54,600*	55.1	80.0	42,300*	70.0	74.0	41,200*	70.0	79.3	29,700*
60.0	74.4	53,300*	60.0	78.3	41,700*	75.0	72.5	40,100*	75.0	77.8	29,500*
65.0	72.8	51,900*	65.0	76.6	41,000*	80.0	71.0	38,900*	80.0	76.2	29,200*
70.0	71.1	50,600*	70.0	74.9	39,900*	85.0	69.4	37,900*	85.0	74.6	28,900*
75.0	69.4	49,400*	75.0	73.1	38,700*	90.0	67.9	37,100*	90.0	73.0	28,400*
80.0	67.6	48,400*	80.0	71.4	37,400*	95.0	66.3	36,200*	95.0	71.4	27,600*
85.0	65.9	47,400*	85.0	69.6	36,200*	100.0	64.7	35,400*	100.0	69.7	26,800*
90.0	64.1	46,100*	90.0	67.7	35,200*	110.0	61.4	33,400*	110.0	66.3	25,300*
95.0	62.3	44,800*	95.0	65.9	34,300*	120.0	58.0	30,800*	120.0	62.8	24,000*
100.0	60.5	42,900*	100.0	64.0	33,400*	130.0	54.4	28,600*	130.0	59.1	23,000*
110.0	56.7	36,900	110.0	60.1	31,700*	140.0	50.7	26,700*	140.0	55.2	22,000*
120.0	52.7	34,300	120.0	56.0	30,400*	150.0	46.7	25,200*	150.0	51.0	21,200*
130.0	48.5	31,900	130.0	51.6	29,400*	160.0	42.4	22,900*	160.0	46.4	20,500*
140.0	43.9	28,800	140.0	46.8	27,600*	170.0	37.7	20,400*	170.0	41.4	20,000*
150.0	39.0	25,800	150.0	41.6	24,100*	180.0	32.3	17,900*	180.0	35.4	19,600*
160.0	33.3	22,800	160.0	35.4	22,100	184.0	30.0	17,100*	187.6	30.0	17,800*
165.0	30.0	21,300	167.6	30.0	21,100						

Reeves 2 Reeves 2 Reeves 2 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)						
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	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	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	13,000*			
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	12,300*			
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	11,700*			
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	11,100*			
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	10,300*			
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	9,500*			
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	8,700*			
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	8,000*			
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	7,400*			
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	6,800*			
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	6,300*			
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	5,900*			
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	5,500*			
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	5,100*			
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	4,800*			
190.0	30.6	13,200	190.0	32.3	13,700	209.9	30.0	11,200	210.0	34.1	12,200*	220.0	34.1	4,500*			
191.2	30.0	13,000	193.5	30.0	12,700			213.5	30.0	11,200	228.6	30.0	10,500*	230.0	32.2	4,200*	
												233.5	30.0	9,400*	247.3	30.0	6,600*
Reeves	2		Reeves	2		Reeves	2		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)						
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	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	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	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	12,500*			
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	12,000*			
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	11,600*			
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	11,000*			
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	10,700*			
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	10,000*			
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*			
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*			
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*			
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*			
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*			
160.0	47.2	20,000	160.0	49.7	20,800	180.0	45.8	16,300	180.0	49.3	18,800*	190.0	47.8	16,100*			
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*			
180.0	39.4	14,600	180.0	41.5	15,300	200.0	38.4	12,000	200.0	41.3	13,400*	210.0	41.2	14,400*			
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*			
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*			
			202.0	30.0	10,300			222.1	30.0	9,200	237.5	30.0	7,900*	240.0	31.3	8,400	
												242.1	30.0	8,100	256.2	30.0	6,800*
Reeves	2		Reeves	2		Reeves	2		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	8,600*
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	14,800*	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	52.8	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	13,800*	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*	270.9	30.0	4,100*

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	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	72.8	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	68.6	21,400*	120.0	73.5	16,200*	130.0	68.7	11,200*	130.0	74.5	8,800*
100.0	68.4	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	33,800*	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	55.8	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	54.6	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	55.8	13,800*	200.0	52.8	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*	254.5	30.0	5,100*	250.0	32.0	5,100*	260.0	35.2	5,900*	260.0	39.1	6,500*
															259.5	30.0	4,400*	259.5	30.0	4,400*	273.6	30.0	4,100*

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)						
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*	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*	90.0	75.7	24,400*	100.0	75.3	13,100*			
85.0	72.9	51,800*	85.0	75.7	40,300*	90.0	73.9	40,900*	95.0	74.6	23,900*	110.0	73.4	12,400*			
90.0	71.7	49,900*	90.0	74.4	39,300*	95.0	72.7	40,100*	100.0	73.6	23,400*	120.0	71.4	11,800*			
95.0	70.5	46,500*	95.0	73.2	38,400*	100.0	71.6	39,400*	110.0	71.5	22,500*	130.0	69.4	11,300*			
100.0	69.3	43,300*	100.0	72.0	37,600*	110.0	69.3	37,900*	120.0	69.4	21,600*	140.0	67.4	10,900*			
110.0	66.8	38,900*	110.0	69.4	35,900*	120.0	67.0	36,000*	130.0	67.2	20,800*	150.0	65.3	10,400*			
120.0	64.3	33,200*	120.0	66.8	32,900*	130.0	64.7	31,100*	140.0	65.0	20,100*	160.0	63.2	10,000*			
130.0	61.7	28,500*	130.0	64.2	28,200*	140.0	62.3	25,900*	150.0	62.8	19,400*	170.0	61.0	9,700*			
140.0	59.0	24,500*	140.0	61.5	26,000*	150.0	59.8	22,500*	160.0	60.5	18,700*	180.0	58.9	9,300*			
150.0	56.3	21,000*	150.0	58.6	22,300*	160.0	57.3	19,600*	170.0	58.1	18,100*	190.0	56.6	9,000*			
160.0	53.4	17,700*	160.0	55.7	19,100*	170.0	54.6	16,700*	180.0	55.7	17,500*	200.0	54.3	8,700*			
170.0	50.5	15,100*	170.0	52.7	16,200*	180.0	51.9	14,100*	190.0	53.2	15,900*	210.0	51.9	8,500*			
180.0	47.4	12,400*	180.0	49.5	13,500*	190.0	49.1	11,900*	200.0	50.6	13,900*	220.0	49.4	8,200*			
190.0	44.1	10,100*	190.0	46.1	11,000*	200.0	46.1	9,900*	210.0	47.9	11,000*	230.0	46.7	7,900*			
200.0	40.6	8,200*	200.0	42.5	8,800*	210.0	43.0	8,100*	220.0	45.0	8,400*	240.0	44.0	7,500*			
210.0	36.8	6,300*	210.0	38.5	7,200*	220.0	39.6	6,500*	230.0	42.0	7,600*	250.0	41.1	6,500*			
220.0	32.6	5,100*	220.0	34.1	5,400*	230.0	36.0	5,200*	240.0	38.8	5,400*	260.0	38.0	5,300*			
225.7	30.0	4,100*	228.3	30.0	4,100*	240.0	32.0	4,000*	250.0	35.3	4,500*	270.0	34.6	4,200*			
					244.7	30.0	3,500*	248.3	30.0	3,700*	263.4	30.0	2,800*	282.1	30.0	2,800*	
Reeves	2	Reeves	2	Reeves	2	Reeves	1	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)						
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	25,800*	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	41,800*	80.0	76.6	43,200*	81.6	80.0	29,700*	90.0	76.2	24,500*			
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*			
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*			
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*			
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*			
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*			
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*			
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*			
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*			
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*			
150.0	57.7	20,100*	150.0	60.1	21,900*	160.0	58.6	18,900*	160.0	61.9	22,800*	180.0	57.0	17,500*			
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*			
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*			
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*			
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*			
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*			
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	4,600*			
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*			
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*			
234.5	30.0	2,600*			242.7	34.3	2,800*	249.3	33.6	2,800*			262.4	36.5	3,000*		
Reeves	2	Reeves	2	Reeves	2	Reeves	1	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)												
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	45,600*			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*	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	72.6	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	70.8	22,100*	120.0	75.2	16,600*	130.0	70.7	11,700*	130.0	76.0	8,800*
100.0	70.9	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	9,600*	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*	236.2	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*
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)												
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	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	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	28,500*	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	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	8,800*	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	7,600*	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	4,800*	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	75.1	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	58.8	13,400	180.0	57.6	11,200	180.0	60.6	14,000	200.0	56.2	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.

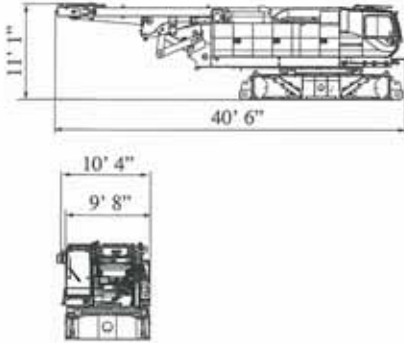
TRANSPORTATION PLAN

Name	Dimension ft-in (mm)	Weight lbs (kg)
Base Machine <ul style="list-style-type: none"> • 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

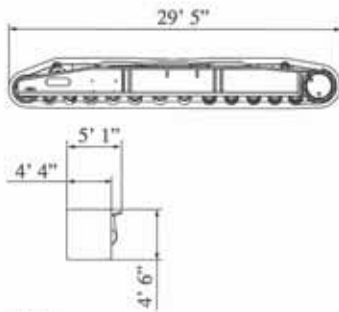
Base Machine

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



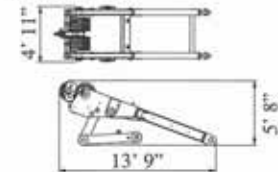
Crawler

Weight: 51,808 lbs



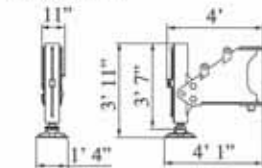
Gantry

Weight: 8,201 lbs



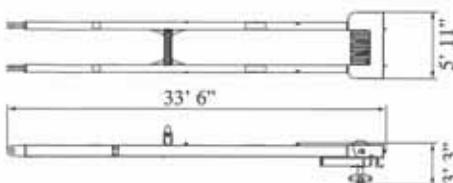
Translifter

Weight: 860 lbs



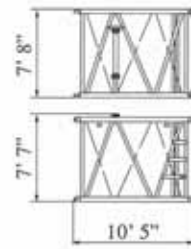
Mast

Weight: 7,848 lbs



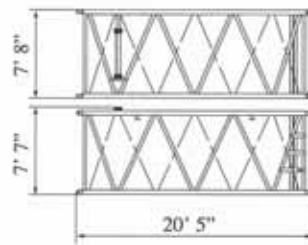
10 ft Insert Boom (With guy line)

Weight: 1,963 lbs



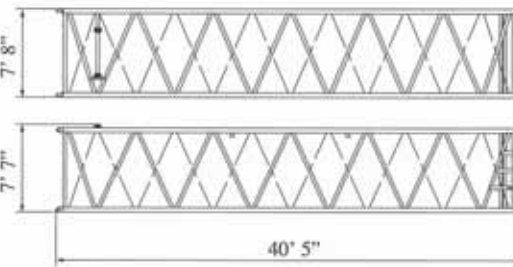
20 ft Insert Boom (With guy line)

Weight: 3,175 lbs



40 ft Insert Boom (With guy line)

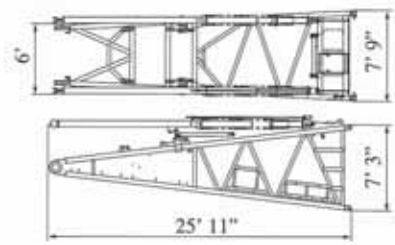
Weight: 5,600 lbs



Dimensions: ft Weight: lbs

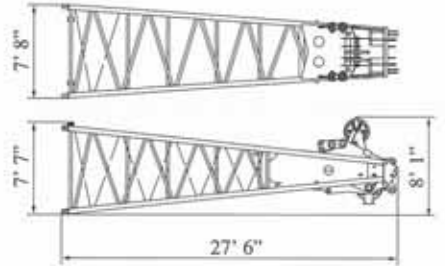
Boom Base

Weight: 10,285 lbs



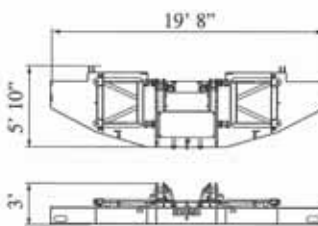
Boom Tip

Weight: 8,080 lbs



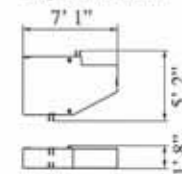
Counterweight A

Weight: 15,540 lbs (With hanger)



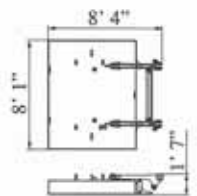
Counterweight B

Weight: 11,883 lbs



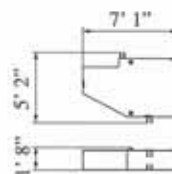
Carbody weight (Base)

Weight: 18,232 lbs



Counterweight C

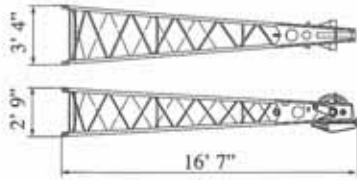
Weight: 11,883 lbs



Dimensions: ft Weight: lbs

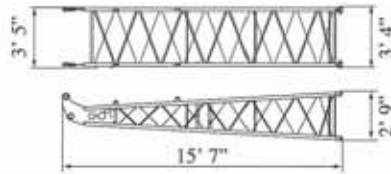
Jib Tip (for Crane)

Weight: 700 lbs



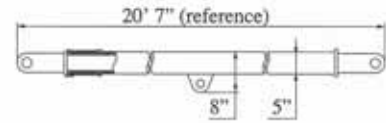
Jib Base (for Crane)

Weight: 465 lbs



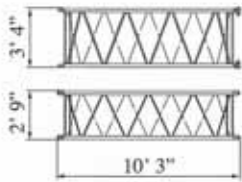
Crane Backstop

Weight: 463 lbs



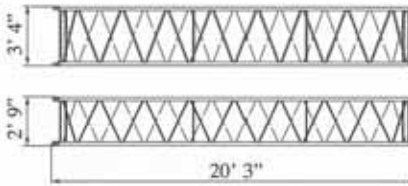
10 ft Insert Jib

Weight: 245 lbs



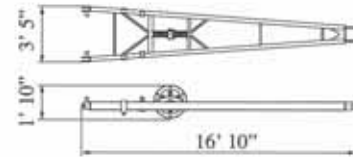
20 ft Insert Jib

Weight: 420 lbs



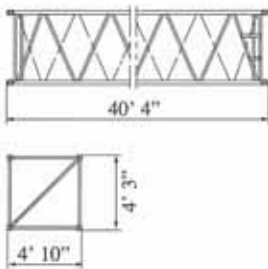
Jib Strut

Weight: 660 lbs



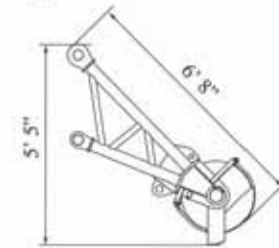
40 ft Insert Jib

Weight: 2,115 lbs

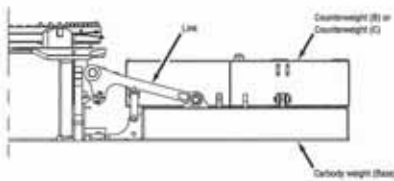


Auxiliary Sheave

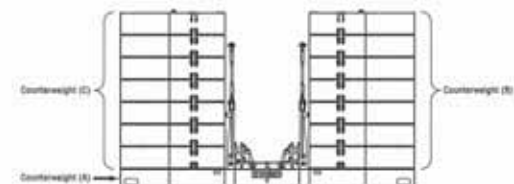
Weight: 610 lbs



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.

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