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SPECIFICATIONS



Power Plant

Model: HINO J08E-UV

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: 469 cu in (7.684 liters)

Rated Power: 285 HP/2,100 rpm (213 kW/2,100 min⁻¹) **Max. torque:** 750 lbf·ft /1,600 rpm (1,017 N·m/1,600 min⁻¹)

Cooling system: Water-cooled

Starter: 24V-5kW

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 con-

nected

Fuel tank capacity: 106 US gal. (400 liters)



Hydraulic System

Main pumps: 3 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: 116.2 US gal. (440 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: Single drum, grooved for 5/8 inch dia. wire rope

Line speed: Single line on first drum layer **Hoisting/Lowering:** 230 to 6.6 ft/min

Diameter of wire rope

Main winch: 7/8 in. x 869 ft. (22 mm x 220 m) **Aux. winch:** 7/8 in. x 673 ft. (22 mm x 130 m) **Third winch:** 7/8 in. x 476 ft. (22 mm x 145 m)

Boom hoisting/lowering: 5/8 in. x 492 ft (16 mm x 150 m)

Boom guy line: 1-3/16 in. (30 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 multipledisc 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:

1ft 9-21/32 inch (550 mm) P.C.D x 1ft 9-15/32 inch (545 m) Lg., grooved for 7/8 inch (22 mm) wire rope. Rope capacity is 869ft (265 m) working length and 1,099ft (335 m) storage length.

Rear drums:

1ft 9-21/32 inch (550 mm) P.C.D x 1ft 9-15/32 inch (545 m) Lg., grooved for 7/8 inch(22 mm) wire rope. Rope capacity is 673 ft (205 m) working length and 1,099ft (335m) storage length.

Line speed: Single line on the first layer **Hoisting/Lowering:** 394 to 10 ft

Line pull:

Max. line pull (Single line): 34,400 lbs (153 kN)

Rated line pull: 17,000 lbs (78.5 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:** 4.0 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: 57,800 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: 14,300 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): 3 ft wide each crawler

Max. travel speed: 1.07/0.71 mph (1.73/1.15 km/h)

Max. gradeability: 40%



Weight

Including upper and lower machine, 57,800 lbs counterweight and 14,300 lbs carbody weight, basic boom (or basic boom + basic jib), hook, and other accessories.

Weight: 165,600 lbs (75.1 t)

Ground pressure: 10.8 psi (84.7 kPa)



Attachment

Boom and Jib:

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

Boom and Jib Length

Boom and old Longin		
	Min. Length	Max. Length
	(Min. Combination)	(Max. Combination)
Crane Boom	40 ft	200 ft
Fixed Jib	80 ft + 30 ft	180 ft + 60 ft

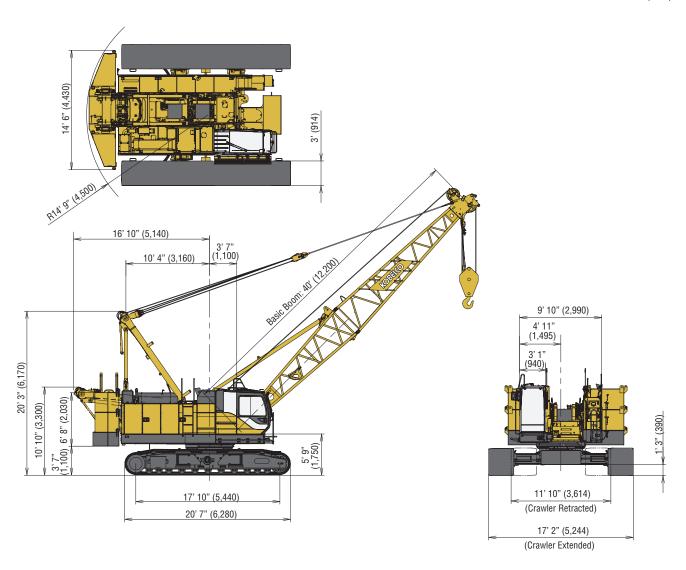
Main Specifications (Model: CK850G)				
Crane Boom				
Max. Lifting Capacity	170,000 lbs			
Length	40 ~ 200 ft			
Fixed Jib				
Max. Lifting Capacity	24,000 lbs			
Max. Length	60 ft			
Max. Combination	180 ft + 60 ft			
Power Plant				
Model	HINO J08E-UV			
Engine Output	285 HP/2,100 rpm			
Fuel Tank Capacity	106 US gal. (400 liters)			
Main & Aux. Winch				
Max. Line Speed	390 ft/min (120 m/min): 1st layer			
Rated Line Pull (single Line)	17,000 lbs (78.5 kN)			
Wire Rope Diameter	7/8 in (22 mm)			
Brake Type	Spring set hydraulically released (Negative)			

Working Speed	
Swing Speed	4.0 rpm (min ⁻¹)
Travel Speed	1.07/0.71 mph
Hydraulic System	
Main pumps	3 variable displacement
Max. Pressure	4,626 psi (31.9 MPa)
Hydraulic Tank Capacity	116.2 US gal. (440 liters)
Weight	
Operating Weight	165,600 lbs (75.1 t)
Ground Pressure	10.8 psi (84.7 kPa)
Counterweight	57,800 lbs
Transport Weight	91,677 lbs



GENERAL DIMENSIONS

Unit: ft-in (mm)



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BOOM AND JIB ARRANGEMENTS

Crane Boom Arrangements

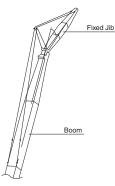
Boom length ft (m)	Boom arrangement
40 (12.2)	
50 (15.2)	B10F
60 (18.3)	
70 (21.3)	* B10 20 F
80 (24.4)	
90 (27.4)	
100 (30.5)	# B10 10 20 20 F
110 (33.5)	※ <u>■10 20 1 40A 1</u>
120 (36.6)	** B 10 10 20 40A F B 40 40A F B 20 20 40A F
130 (39.6)	
140 (42.7)	★ ■ 10 10 20

Boom length ft (m)	Boom arrangement
150 (45.7)	★ ■ 10 20 40 40A 下 ★ ■ 10 20 40 40A T ★ ■ 10 20 40 40A 40A T ★ ■ 10 20 40 40A 40A
160 (48.8)	*
170 (51.8)	** B 10 20 20 40 40A 1 ** B 10 40 40A 1
180 (54.9)	** B 10 10 20 20 40 40 40A T B 10 10 40 40 40 40A T B 20 40 40 40A T
190 (57.9)	
200 (61.0)	★ ■ 10 10 20 40 40 40 40 1 40 40 1 40 40

Symbol	Boom Length	Remarks
В	20.0 ft (6.1 m)	Boom Base
	20.0 ft (6.1 m)	Boom Top
10	10.0 ft (3.1 m)	Insert Boom
20	20.0 ft (6.1 m) Insert Boot 40.0 ft (12.2 m) Insert Boot	
40		
40A	40.0 ft (12.2 m)	Insert Boom with lug

- $\ensuremath{\nearrow}$ mark shows the guy line installing position when the fixed jib is used.
- indicates the most flexible combination of insert luffing booms, which can be modified to form all shorter luffing boom arrangements.

Fixed Jib Arrangements



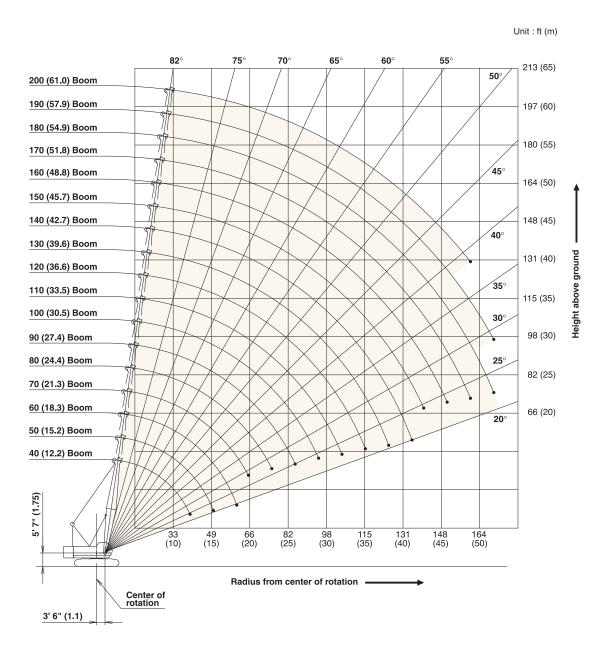
Crane boom length	Jib length ft (m)	Jib arrangement
	30 (9.1)	BÌ
80 ft (24.4 m)	40 (12.2)	B 10 T
180 ft (54.9 m)	50 (15.2)	B 20 T
(= 10 111)	60 (18.3)	B 20 10 T

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



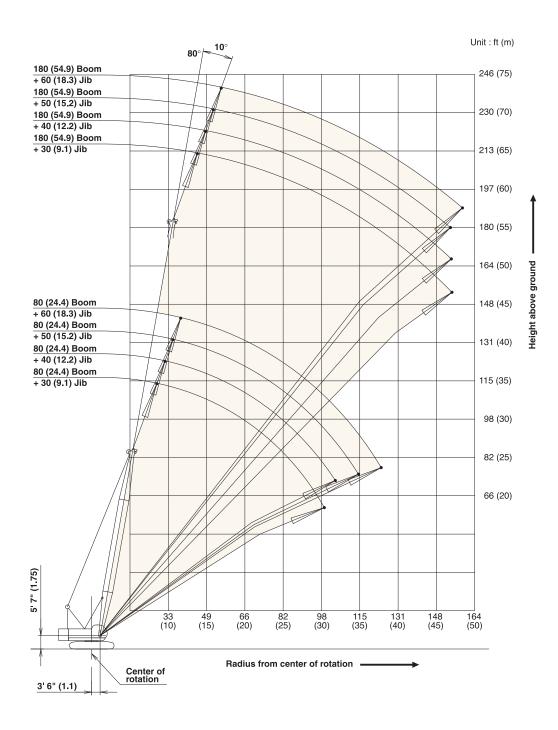
WORKING RANGES

Main Boom





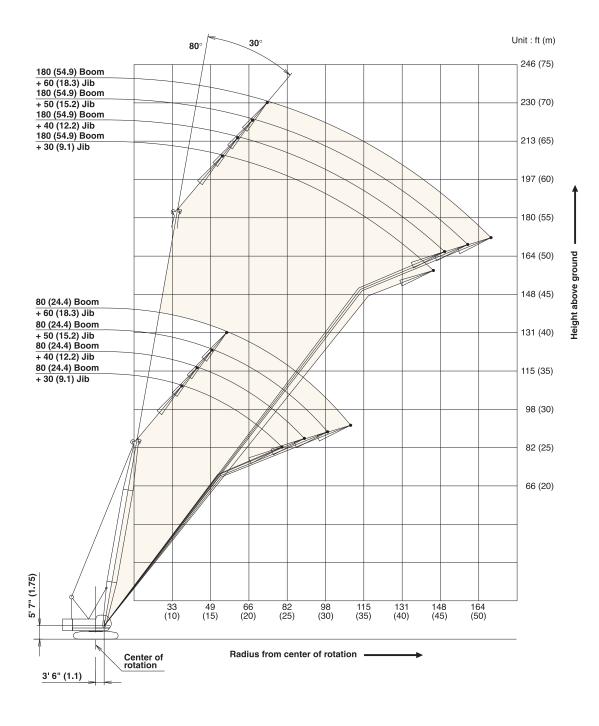
Fixed Jib 10°





WORKING RANGES

Fixed Jib 30°





SUPPLEMENTAL DATA

- 1. Rated loads included in the charts are the maximum allowable freely suspended loads at a given boom length, boom angle and load radius, and have been determined for the machine standing level on firm supporting surface under ideal operating conditions. The user must limit or de-rate rated loads to allow for adverse conditions (such as soft or uneven ground, out-of-level conditions, wind, side loads, pendulum action, jerking or sudden stopping of loads, inexperience of personnel, multiple machine lifts, and traveling with a load).
- Rated loads do not exceed 75% of minimum tipping loads.
 Rated loads based on factors other than machine stability as structural competence are shown by asterisk * in the charts.
- 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.
 - Crawlers must be fully extended and be locked in position.
 - The crane must be leveled to within 1% on a firm supporting surface.
- 4. Do not attempt to lift where no ratings are shown as crane may tip or collapse.
- Attempting to lift more than rated loads may cause machine to tip or collapse. Do not tip machine to determine rated loads.
- Weight of hooks, hook blocks, slings and other lifting devices are a part of the total load. Their total weight must be subtracted from the rated load to obtain the weight that can be lifted.
- When lifting over boom point with jib or auxiliary sheave, rated loads for the boom must be deducted as shown below.

Jib length	Aux.	30'	40'	50'	60'
Deduct (lbs)	320	2,400	3,200	4,200	5,200

- 8. The total load that can be lifted over a jib is limited by rated jib loads.
- 9. Boom lengths for jib mounting are 80 ft (24.4 m) to 180 ft (54.9 m).
- 10. The total load that can be lifted over an auxilialy sheave is the value for 320 lbs deducted from rated load for the boom without auxiliary sheave, but it should not exceed 17,000 lbs.

- 11. Boom lengths that can attach auxilialy sheave are from 40 ft (12.2 m) to 190 ft (57.9 m).
- 12. The boom should be erected over the front of the crawlers, not laterally. When erecting and lowering the boom at length of 180 ft (54.9 m) with jib, the blocks for erection must be placed at the end of the crawlers.
- 13. Least stable position is over the side.
- 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)	17,000	34,000	51,000	68,000	85,000
No. of Parts of Line	6	7	8	9	10
Maximum Loads (lbs)	102,000	119,000	136,000	153,000	170,000

Jib Hoist Loads

No. of Parts of Line	1	2
Maximum Loads (lbs)	17,000	24,000

Auxiliary Hoist Loads

No. of Parts of Line	1
Maximum Loads (lbs)	17,000

- 15. Rated loads 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
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Unit: lbs

Counterweight: 57,800 lbs, Carbody weight: 14,300 lbs

Color Colo									Counte	erweigh	nt: 57,8	00 lbs, Carbo	ody we	ight: 1	4,300 lbs
Radius Angle Rated Load Radius Angle Rated Load Radius Angle Rated Load Radius Angle Rated Load Radius Radius	40	' Boc	om	50	' Boc	om	60	' Boc	om	70	' Boc	om	80	' Boc	om
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Section Sec	34.0	41.5	45,740	38.0	47.3	39,280	40.0	53.3	36,410	45.0	54.3	31,040	55.0	50.5	
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Reeves 10 Reeves 10 Reeves 10 Reeves 9 Reeves 8	40.0	25.5	34,830 *	50.0	22.7	26,890 *									
Note							60.0	20.6	21,600 ^	65.0	29.3	19,420	75.0	27.3	15,890
Note															
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(ft) (deg.) (fb) (deg.) (fb) (deg.) (fb) (deg.) (fb) (deg.) (fb) (deg.) (fb) (deg.) (lbs) (ft) (deg.) (fb) (deg.) (lbs) (ft) (deg.) (fb) (deg.) (lbs) (ft) (deg.) (fb) (deg.) (deg.) (fb) (deg.) <t< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></t<>															
17.0	90 Load	' Boc Boom	om 360°	10 Load	0' Bo Boom	om 360°	110 Load	D' Bo Boom	om 360°	120 Load	0' Bo Boom	om 360°	13 Load	0' Bo Boom	om
18.0	90 Load Radius	Boom Angle	360° Rated Load	10 Load Radius	0' Bo Boom Angle	360° Rated Load	11(Load Radius	Boom Angle	360° Rated Load	120 Load Radius	Boom Angle	360° Rated Load	130 Load Radius	0' Bo Boom Angle	om 360° Rated Load
19.0	90 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)
20.0 79.9 96,870 24.0 78.6 73,120 26.0 78.6 64,900 28.0 78.6 58,240 30.0 78.6 52,570 22.0 78.6 83,480 26.0 77.4 65,010 28.0 77.5 58,330 30.0 77.6 52,800 32.0 77.7 48,010 24.0 77.3 73,230 28.0 76.3 58,440 30.0 75.5 58,280 32.0 76.6 48,230 34.0 76.8 44,110 26.0 76.0 65,140 30.0 75.1 53,020 32.0 75.4 48,320 34.0 75.6 44,330 36.0 75.9 40,760 28.0 74.7 58,570 32.0 73.9 48,450 34.0 74.3 44,440 36.0 74.7 40,980 38.0 74.9 37,830 30.0 73.4 53,150 34.0 72.7 44,550 36.0 73.2 41,090 38.0 73.7 38,050 40.0 74.0 35,250 32.0 70.7 44,700 38.0 70.3 38,290 40.0 71.0 35,600 45.0 70.1 30,220 50.0 69.4 25,970 36.0 69.3 41,380 40.0 69.0 35,730 45.0 68.2 30,350 50.0 67.6 26,210 55.0 67.0 22,790 38.0 68.0 38,440 45.0 65.9 30,480 50.0 65.4 26,340 55.0 65.0 23,010 60.0 64.6 20,210 40.0 66.6 35,890 50.0 62.7 26,470 55.0 62.5 23,170 60.0 62.3 20,450 65.0 62.1 18,070 45.0 63.0 30,660 55.0 59.5 23,320 60.0 59.5 20,610 65.0 59.5 18,320 70.0 59.6 16,290 50.0 59.4 26,670 60.0 56.1 20,740 65.0 56.4 18,490 70.0 56.7 16,530 75.0 57.0 14,770 60.0 51.6 20,960 70.0 48.8 16,860 75.0 49.9 15,210 80.0 50.8 13,710 85.0 51.5 12,320 65.0 47.4 18,870 75.0 44.8 15,360 80.0 46.4 13,910 85.0 47.6 12,580 90.0 48.6 11,330 70.0 42.9 17,100 80.0 40.6 14,980 85.0 42.6 12,800 90.0 44.3 11,590 95.0 45.6 10,440 70.0 42.9 17,100 80.0 40.6 12,910 95.0 34.2 10,970 100.0 36.9 9,960 105.0 39.0 8,990 85.0 25.7 13,310 95.0 24.3 11,190 100.0 29.2 10,250 105.0 32.7 9,280 110.0 35.4 8,390 70.0 42.9 73.3 73.3 73.3 73.3 73.3 73.3	Load Radius (ft) 17.0	Boom Angle (deg.)	360° Rated Load (lbs) 118,820 *	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs) 101,850 *	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs) 92,590 *	Load Radius (ft)	Boom Angle (deg.) 81.5	360° Rated Load (lbs) 80,680 *	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs) 71,200 *
22.0	90 Load Radius (ft) 17.0 18.0	Boom Angle (deg.) 81.9 81.2	360° Rated Load (lbs) 118,820 * 112,400 *	100 Load Radius (ft) 19.0 20.0	Boom Angle (deg.) 81.5 80.9	360° Rated Load (lbs) 101,850 * 96,800	110 Load Radius (ft) 20.0 22.0	Boom Angle (deg.) 81.8 80.7	360° Rated Load (lbs) 92,590 * 83,260	120 Load Radius (ft) 22.0 24.0	Boom Angle (deg.) 81.5 80.5	360° Rated Load (lbs) 80,680 * 72,950	130 Load Radius (ft) 24.0 26.0	Boom Angle (deg.) 81.3 80.4	360° Rated Load (lbs) 71,200 * 64,610
26.0 76.0 65,140 30.0 75.1 53,020 32.0 75.4 49,320 34.0 75.6 44,330 36.0 75.9 40,760	Load Radius (ft) 17.0 18.0 19.0	Boom Angle (deg.) 81.9 81.2 80.6	360° Rated Load (lbs) 118,820 * 112,400 * 105,220	Load Radius (ft) 19.0 20.0 22.0	Boom Angle (deg.) 81.5 80.9 79.8	360° Rated Load (lbs) 101,850 * 96,800 83,400	Load Radius (ft) 20.0 22.0 24.0	Boom Angle (deg.) 81.8 80.7 79.7	360° Rated Load (lbs) 92,590 * 83,260 73,010	Load Radius (ft) 22.0 24.0 26.0	Boom Angle (deg.) 81.5 80.5 79.6	360° Rated Load (lbs) 80,680 * 72,950 64,810	Load Radius (ft) 24.0 26.0 28.0	Boom Angle (deg.) 81.3 80.4 79.5	360° Rated Load (lbs) 71,200 * 64,610 58,020
28.0	Load Radius (ft) 17.0 18.0 19.0 20.0	Boom Angle (deg.) 81.9 81.2 80.6 79.9 78.6	360° Rated Load (lbs) 118,820 * 112,400 * 105,220 96,870 83,480	100 Load Radius (ft) 19.0 20.0 22.0 24.0 26.0	Boom Angle (deg.) 81.5 80.9 79.8 78.6	360° Rated Load (lbs) 101,850 * 96,800 83,400 73,120	Load Radius (ft) 20.0 22.0 24.0 26.0	Boom Angle (deg.) 81.8 80.7 79.7 78.6	360° Rated Load (lbs) 92,590 * 83,260 73,010 64,900	120 Load Radius (ft) 22.0 24.0 26.0 28.0 30.0	Boom Angle (deg.) 81.5 80.5 79.6 78.6	360° Rated Load (lbs) 80,680 * 72,950 64,810 58,240	Load Radius (ft) 24.0 26.0 28.0 30.0	Boom Angle (deg.) 81.3 80.4 79.5 78.6	360° Rated Load (lbs) 71,200 * 64,610 58,020 52,570
30.0	90 Load Radius (ft) 17.0 18.0 19.0 20.0 22.0 24.0	Boom Angle (deg.) 81.9 81.2 80.6 79.9 78.6 77.3	360° Rated Load (lbs) 118,820 * 112,400 * 105,220 96,870 83,480 73,230	100 Load Radius (ft) 19.0 20.0 22.0 24.0 26.0 28.0	Boom Angle (deg.) 81.5 80.9 79.8 78.6 77.4 76.3	360° Rated Load (lbs) 101,850 * 96,800 83,400 73,120 65,010 58,440	Load Radius (ft) 20.0 22.0 24.0 26.0 28.0 30.0	Boom Angle (deg.) 81.8 80.7 79.7 78.6 77.5 76.5	360° Rated Load (lbs) 92,590 * 83,260 73,010 64,900 58,330 52,880	120 Load Radius (ft) 22.0 24.0 26.0 28.0 30.0 32.0	Boom Angle (deg.) 81.5 80.5 79.6 78.6 77.6 76.6	360° Rated Load (lbs) 80,680 * 72,950 64,810 58,240 52,800 48,230	Load Radius (ft) 24.0 26.0 28.0 30.0 32.0 34.0	Boom Angle (deg.) 81.3 80.4 79.5 78.6 77.7 76.8	360° Rated Load (lbs) 71,200 * 64,610 58,020 52,570 48,010 44,110
32.0	90 Load Radius (ft) 17.0 18.0 19.0 20.0 22.0 24.0 26.0	Boom Angle (deg.) 81.9 81.2 80.6 79.9 78.6 77.3 76.0	360° Rated Load (lbs) 118,820 * 112,400 * 105,220 96,870 83,480 73,230 65,140	Load Radius (ft) 19.0 20.0 22.0 24.0 26.0 28.0 30.0	Boom Angle (deg.) 81.5 80.9 79.8 78.6 77.4 76.3 75.1	360° Rated Load (lbs) 101,850 * 96,800 83,400 73,120 65,010 58,440 53,020	Load Radius (ft) 20.0 22.0 24.0 26.0 28.0 30.0 32.0	Boom Angle (deg.) 81.8 80.7 79.7 78.6 77.5 76.5 75.4	360° Rated Load (lbs) 92,590 * 83,260 73,010 64,900 58,330 52,880 48,320	Load Radius (ft) 22.0 24.0 26.0 28.0 30.0 32.0 34.0	Boom Angle (deg.) 81.5 80.5 79.6 78.6 77.6 76.6 75.6	360° Rated Load (lbs) 80,680 * 72,950 64,810 58,240 52,800 48,230 44,330	Load Radius (ft) 24.0 26.0 28.0 30.0 32.0 34.0 36.0	Boom Angle (deg.) 81.3 80.4 79.5 78.6 77.7 76.8 75.9	360° Rated Load (lbs) 71,200 * 64,610 58,020 52,570 48,010 44,110 40,760
34.0 70.7 44,700 38.0 70.3 38,290 40.0 71.0 35,600 45.0 70.1 30,220 50.0 69.4 25,970 36.0 69.3 41,380 40.0 69.0 35,730 45.0 68.2 30,350 50.0 67.6 26,210 55.0 67.0 22,790 38.0 68.0 38,440 45.0 65.9 30,480 50.0 65.4 26,340 55.0 65.0 65.0 23,010 60.0 64.6 20,210 40.0 66.6 35,890 50.0 62.7 26,470 55.0 62.5 23,170 60.0 62.3 20,450 65.0 65.0 62.1 45.0 63.0 30,660 55.0 59.5 23,320 60.0 59.5 20,610 65.0 59.5 18,320 70.0 59.6 16,290 50.0 59.4 26,670 60.0 56.1 20,740 65.0 56.4 18,490 70.0 56.7 16,530 75.0 57.0 14,770 55.0 55.6 23,520 65.0 52.5 18,620 70.0 53.2 16,710 75.0 53.8 15,010 80.0 54.3 13,470 60.0 51.6 20,960 70.0 48.8 16,860 75.0 49.9 15,210 80.0 50.8 13,710 85.0 51.5 12,320 65.0 47.4 18,870 75.0 44.8 15,360 80.0 46.4 13,910 85.0 47.6 12,580 90.0 48.6 11,330 70.0 42.9 17,100 80.0 40.6 14,080 85.0 42.6 12,800 90.0 44.3 11,590 95.0 45.6 10,440 75.0 37.9 15,630 85.0 35.9 12,980 90.0 38.6 11,830 95.0 40.7 10,730 100.0 42.4 9,670 80.0 32.3 14,370 90.0 30.6 12,010 95.0 34.2 10,970 100.0 36.9 9,960 105.0 39.0 8,990 85.0 25.7 13,310 95.0 24.3 11,190 100.0 29.2 10,250 105.0 32.7 9,280 110.0 35.4 8,390 105.0 23.2 9,610 110.0 27.9 8,680 115.0 31.3 7,840 105.0 23.2 9,610 110.0 27.9 8,680 115.0 31.3 7,840 105.0 23.2 9,610 110.0 27.9 8,680 115.0 31.3 7,840 105.0 22.2 8,170 120.0 26.7 7,360 105.0 22.2 8,170 120.0 26.7 7,360 105.0 22.2 8,170 120.0 26.7 7,360 105.0 22.2 8,170 120.0 26.7 7,360 105.0 22.2 8,170 120.0 26.7 7,360 105.0 22.2 8,170 120.0 26.7 7,360 105.0 22.2 8	90 Load Radius (ft) 17.0 18.0 19.0 20.0 22.0 24.0 26.0 28.0	Boom Angle (deg.) 81.9 81.2 80.6 79.9 78.6 77.3 76.0 74.7	360° Rated Load (lbs) 118,820 * 112,400 * 105,220 96,870 83,480 73,230 65,140 58,570	Load Radius (ft) 19.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0	Boom Angle (deg.) 81.5 80.9 79.8 78.6 77.4 76.3 75.1 73.9	360° Rated Load (lbs) 101,850 * 96,800 83,400 73,120 65,010 58,440 53,020 48,450	Load Radius (ft) 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0	Boom Angle (deg.) 81.8 80.7 79.7 78.6 77.5 76.5 75.4 74.3	360° Rated Load (lbs) 92,590 * 83,260 73,010 64,900 58,330 52,880 48,320 44,440	Load Radius (ft) 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0	Boom Angle (deg.) 81.5 80.5 79.6 78.6 77.6 76.6 75.6 74.7	360° Rated Load (lbs) 80,680 * 72,950 64,810 58,240 52,800 48,230 44,330 40,980	Load Radius (ft) 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0	Boom Angle (deg.) 81.3 80.4 79.5 78.6 77.7 76.8 75.9 74.9	360° Rated Load (lbs) 71,200 * 64,610 58,020 52,570 48,010 44,110 40,760 37,830
38.0 68.0 38,440 45.0 65.9 30,480 50.0 65.4 26,340 55.0 65.0 23,010 60.0 64.6 20,210 40.0 66.6 35,890 50.0 62.7 26,470 55.0 62.5 23,170 60.0 62.3 20,450 65.0 62.1 18,070 45.0 63.0 30,660 55.0 59.5 23,320 60.0 59.5 20,610 65.0 59.5 18,320 70.0 59.6 16,290 50.0 59.4 26,670 60.0 56.1 20,740 65.0 56.4 18,490 70.0 56.7 16,530 75.0 57.0 14,770 55.0 55.6 23,520 65.0 52.5 18,620 75.0 49.9 15,210 80.0 50.8 13,710 85.0 51.5 12,320 65.0 47.4 18,870 75.0 44.8 15,360 80.0 46.4 13,910 85.0 47.6 12,580 90.0 48.6 11,330 70.0 42.9 17,100 80.0 40.6 14,080 85.0 42.6 12,800 90.0 44.3 11,590 95.0 45.6 10,440 75.0 37.9 15,630 85.0 35.9 12,980 90.0 38.6 11,830 95.0 40.7 10,730 100.0 42.4 9,670 80.0 32.3 14,370 90.0 30.6 12,010 95.0 34.2 10,970 100.0 36.9 9,960 105.0 39.0 8,990 85.0 25.7 13,310 95.0 24.3 11,190 100.0 23.2 9,610 110.0 27.9 8,680 115.0 31.3 7,840 105.0 23.2 9,610 110.0 27.9 8,680 115.0 31.3 7,840 105.0 23.2 9,610 110.0 27.9 8,680 115.0 31.3 7,840 105.0 23.2 115.0 22.2 8,170 120.0 26.7 7,360 105.0 23.2 115.0 22.2 8,170 120.0 26.7 7,360 105.0 23.2 115.0 22.2 8,170 120.0 26.7 7,360 105.0 23.2 20,410 20.2 20.2 20.2 20.2 20.2 20.2 20.2 20.2 20.2 105.0 23.2 20,410 20.2 20.2 20.2 20.2 20.2 20.2 20.2 105.0 23.2 20,610 65.0	90 Load Radius (ft) 17.0 18.0 19.0 20.0 22.0 24.0 26.0 28.0 30.0	Boom Angle (deg.) 81.9 81.2 80.6 79.9 78.6 77.3 76.0 74.7 73.4	360° Rated Load (lbs) 118,820 * 112,400 * 105,220 96,870 83,480 73,230 65,140 58,570 53,150	Load Radius (ft) 19.0 20.0 22.0 24.0 26.0 30.0 32.0 34.0	Boom Angle (deg.) 81.5 80.9 79.8 78.6 77.4 76.3 75.1 73.9 72.7	360° Rated Load (lbs) 101,850 * 96,800 83,400 73,120 65,010 58,440 53,020 48,450 44,550	Load Radius (ft) 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0	Boom Angle (deg.) 81.8 80.7 79.7 78.6 77.5 76.5 75.4 74.3 73.2	360° Rated Load (lbs) 92,590 * 83,260 73,010 64,900 58,330 52,880 48,320 44,440 41,090	Load Radius (ft) 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0	Boom Angle (deg.) 81.5 80.5 79.6 78.6 76.6 75.6 74.7 73.7	360° Rated Load (lbs) 80,680 * 72,950 64,810 58,240 52,800 48,230 44,330 40,980 38,050	Load Radius (ft) 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0	Boom Angle (deg.) 81.3 80.4 79.5 78.6 77.7 76.8 75.9 74.9	360° Rated Load (lbs) 71,200 * 64,610 58,020 52,570 48,010 44,110 40,760 37,830 35,250
40.0 66.6 35,890 50.0 62.7 26,470 55.0 62.5 23,170 60.0 62.3 20,450 65.0 62.1 18,070 45.0 63.0 30,660 55.0 59.5 23,320 60.0 59.5 20,610 65.0 59.5 18,320 70.0 59.6 16,290 50.0 59.4 26,670 60.0 56.1 20,740 65.0 56.4 18,490 70.0 56.7 16,530 75.0 57.0 14,770 55.0 55.6 23,520 65.0 52.5 18,620 70.0 53.2 16,710 75.0 53.8 15,010 80.0 54.3 13,470 60.0 51.6 20,960 70.0 48.8 15,360 80.0 46.4 13,910 85.0 47.6 12,580 90.0 48.6 11,330 70.0 42.9 17,100 80.0 40.6 14,080 85.0 42.6 12,800 90.0 44	90 Load Radius (ft) 17.0 18.0 19.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0	Boom Angle (deg.) 81.9 81.2 80.6 79.9 78.6 77.3 76.0 74.7 73.4 72.0 70.7	360° Rated Load (lbs) 118,820 * 112,400 * 105,220 96,870 83,480 73,230 65,140 58,570 53,150 48,580 44,700	100 Load Radius (ft) 19.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0	Boom Angle (deg.) 81.5 80.9 79.8 78.6 77.4 76.3 75.1 73.9 72.7 71.5 70.3	360° Rated Load (lbs) 101,850 * 96,800 83,400 73,120 65,010 58,440 53,020 48,450 44,550 41,200 38,290	Load Radius (ft) 20.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0	Boom Angle (deg.) 81.8 80.7 79.7 78.6 77.5 76.5 75.4 74.3 73.2 72.1 71.0	360° Rated Load (lbs) 92,590 * 83,260 73,010 64,900 58,330 52,880 48,320 44,440 41,090 38,160 35,600	12(Load Radius (ft) 22.0 24.0 26.0 30.0 32.0 34.0 36.0 38.0 40.0 45.0	Boom Angle (deg.) 81.5 80.5 79.6 78.6 77.6 76.6 75.6 74.7 73.7 70.1	360° Rated Load (lbs) 80,680 * 72,950 64,810 52,800 48,230 44,330 40,980 38,050 35,470 30,220	Load Radius (ft) 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 45.0 50.0	Boom Angle (deg.) 81.3 80.4 79.5 78.6 77.7 76.8 75.9 74.9 74.0 71.7 69.4	360° Rated Load (lbs) 71,200 * 64,610 58,020 52,570 48,010 44,110 40,760 37,830 35,250 30,000 25,970
45.0 63.0 30,660 55.0 59.5 23,320 60.0 59.5 20,610 65.0 59.5 18,320 70.0 59.6 16,290 50.0 59.4 26,670 60.0 56.1 20,740 65.0 56.4 18,490 70.0 56.7 16,530 75.0 57.0 14,770 55.0 55.6 23,520 65.0 52.5 18,620 70.0 53.2 16,710 75.0 53.8 15,010 80.0 54.3 13,470 60.0 51.6 20,960 70.0 48.8 16,860 75.0 49.9 15,210 80.0 50.8 13,710 85.0 51.5 12,320 65.0 47.4 18,870 75.0 44.8 15,360 80.0 46.4 13,910 85.0 47.6 12,580 90.0 48.6 11,330 75.0 37.9 15,630 85.0 35.9 12,980 90.0 38.6 11,830 95.0 40	90 Load Radius (ft) 17.0 18.0 19.0 20.0 22.0 24.0 26.0 30.0 32.0 33.0 34.0 36.0	Boom Angle (deg.) 81.9 81.2 80.6 79.9 78.6 77.3 76.0 74.7 73.4 72.0 70.7 69.3	360° Rated Load (lbs) 118,820 * 112,400 * 105,220 96,870 83,480 73,230 65,140 58,570 53,150 48,580 44,700 41,380	100 Load Radius (ft) 19.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 36.0 40.0	Boom Angle (deg.) 81.5 80.9 79.8 78.6 77.4 76.3 75.1 73.9 72.7 71.5 70.3 69.0	360° Rated Load (lbs) 101,850 * 96,800 83,400 73,120 65,010 58,440 53,020 48,450 41,200 38,290 35,730	Load Radius (ft) 20.0 22.0 24.0 26.0 30.0 32.0 34.0 36.0 38.0 40.0 45.0	Boom Angle (deg.) 81.8 80.7 79.7 78.6 77.5 76.5 75.4 74.3 73.2 72.1 71.0 68.2	360° Rated Load (lbs) 92,590 * 83,260 73,010 64,900 58,330 52,880 48,320 44,440 41,090 38,160 35,600 30,350	12(Load Radius (ft) 22.0 24.0 26.0 28.0 30.0 34.0 36.0 38.0 40.0 40.0 50.0	Boom Angle (deg.) 81.5 80.5 79.6 76.6 75.6 74.7 73.7 72.7 70.1 67.6	360° Rated Load (lbs) 80,680 * 72,950 64,810 58,240 52,800 48,230 44,330 40,980 38,050 35,470 30,220 26,210	13(Load Radius (ft) 24.0 26.0 30.0 32.0 34.0 36.0 38.0 40.0 45.0 50.0 55.0	Boom Angle (deg.) 81.3 80.4 79.5 78.6 77.7 76.8 75.9 74.9 74.0 71.7 69.4 67.0	360° Rated Load (lbs) 71,200 * 64,610 58,020 52,570 48,010 44,110 40,760 37,830 35,250 30,000 25,970 22,790
50.0 59.4 26,670 60.0 56.1 20,740 65.0 56.4 18,490 70.0 56.7 16,530 75.0 57.0 14,770 55.0 55.6 23,520 65.0 52.5 18,620 70.0 53.2 16,710 75.0 53.8 15,010 80.0 54.3 13,470 60.0 51.6 20,960 70.0 48.8 16,860 75.0 49.9 15,210 80.0 50.8 13,710 85.0 51.5 12,320 65.0 47.4 18,870 75.0 44.8 15,360 80.0 46.4 13,910 85.0 47.6 12,580 90.0 48.6 11,330 70.0 42.9 17,100 80.0 40.6 14,080 85.0 42.6 12,800 90.0 44.3 11,590 95.0 45.6 10,440 75.0 37.9 15,630 85.0 35.9 12,900 95.0 34.2 10,970 100.0 3	90 Load Radius (ft) 17.0 18.0 19.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0	Boom Angle (deg.) 81.9 81.2 80.6 79.9 78.6 77.3 76.0 74.7 73.4 72.0 70.7 69.3 68.0	360° Rated Load (lbs) 118,820 * 112,400 * 105,220 96,870 83,480 73,230 65,140 58,570 53,150 48,580 44,700 41,380 38,440	100 Load Radius (ft) 19.0 20.0 22.0 24.0 26.0 30.0 32.0 34.0 36.0 38.0 40.0 45.0	Boom Angle (deg.) 81.5 80.9 79.8 78.6 77.4 76.3 75.1 73.9 72.7 71.5 69.0 65.9	360° Rated Load (lbs) 101,850 * 96,800 83,400 73,120 65,010 58,440 53,020 48,450 44,550 41,200 38,290 35,730 30,480	Load Radius (ft) 20.0 22.0 24.0 26.0 30.0 32.0 34.0 36.0 38.0 40.0 50.0	Boom Angle (deg.) 81.8 80.7 79.7 78.6 77.5 76.5 75.4 74.3 73.2 72.1 68.2 65.4	360° Rated Load (lbs) 92,590 * 83,260 73,010 64,900 58,330 52,880 48,320 44,440 41,090 38,160 35,600 30,350 26,340	Load Radius (ft) 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 45.0 55.0	Boom Angle (deg.) 81.5 80.5 79.6 76.6 75.6 74.7 73.7 70.1 67.6 65.0	360° Rated Load (lbs) 80,680 * 72,950 64,810 58,240 52,800 48,230 44,330 40,980 38,050 35,470 30,220 26,210 23,010	Load Radius (ft) 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 55.0 60.0	Boom Angle (deg.) 81.3 80.4 79.5 78.6 77.7 76.8 75.9 74.9 74.0 71.7 69.4 67.0 64.6	360° Rated Load (lbs) 71,200 * 64,610 58,020 52,570 48,010 40,760 37,830 35,250 30,000 25,970 22,790 20,210
55.0 55.6 23,520 65.0 52.5 18,620 70.0 53.2 16,710 75.0 53.8 15,010 80.0 54.3 13,470 60.0 51.6 20,960 70.0 48.8 16,860 75.0 49.9 15,210 80.0 50.8 13,710 85.0 51.5 12,320 65.0 47.4 18,870 75.0 44.8 15,360 80.0 46.4 13,910 85.0 47.6 12,580 90.0 48.6 11,330 70.0 42.9 17,100 80.0 40.6 14,080 85.0 42.6 12,880 90.0 44.3 11,590 95.0 45.6 10,440 75.0 37.9 15,630 85.0 35.9 12,980 90.0 34.2 10,970 100.0 36.9 9,960 105.0 39.0 8,990 85.0 25.7 13,310 95.0 24.3 11,190 100.0 29.2 10,250 105.0	90 Load Radius (ft) 17.0 18.0 19.0 20.0 22.0 24.0 26.0 30.0 32.0 34.0 36.0 38.0 40.0	Boom Angle (deg.) 81.9 81.2 80.6 79.9 76.0 74.7 73.4 72.0 769.3 68.0 66.6	360° Rated Load (lbs) 118,820 * 112,400 * 105,220 96,870 83,480 73,230 65,140 58,570 53,150 48,580 44,700 41,380 38,440 35,890	Load Radius (ft) 19.0 20.0 22.0 24.0 26.0 30.0 34.0 36.0 38.0 40.0 45.0 50.0	Boom Angle (deg.) 81.5 80.9 79.8 78.6 77.4 76.3 75.1 73.9 72.7 71.5 70.3 69.0 65.9	360° Rated Load (lbs) 101,850 * 96,800 83,400 73,120 65,010 58,440 53,020 48,450 44,550 41,200 38,290 35,730 30,480 26,470	Load Radius (ft) 20.0 22.0 24.0 26.0 30.0 32.0 34.0 36.0 38.0 40.0 50.0 55.0	Boom Angle (deg.) 81.8 80.7 79.7 78.6 77.5 76.5 75.4 74.3 73.2 72.1 71.0 68.2 65.4 62.5	360° Rated Load (lbs) 92,590 * 83,260 73,010 64,900 58,330 52,880 48,320 44,440 41,090 38,160 35,600 30,350 26,340 23,170	Load Radius (ft) 22.0 24.0 26.0 28.0 30.0 34.0 36.0 38.0 40.0 50.0 55.0 60.0	Boom Angle (deg.) 81.5 80.5 79.6 76.6 75.6 74.7 73.7 72.7 70.1 67.6 65.0 62.3	360° Rated Load (lbs) 80,680 * 72,950 64,810 52,800 48,230 44,330 40,980 38,050 35,470 30,220 26,210 23,010 20,450	Load Radius (ft) 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 55.0 60.0 65.0	Boom Angle (deg.) 81.3 80.4 79.5 78.6 77.7 76.8 75.9 74.9 74.0 71.7 69.4 67.0 64.6 62.1	360° Rated Load (lbs) 71,200 * 64,610 58,020 52,570 48,010 44,110 40,760 37,830 35,250 30,000 25,970 22,790 20,210 18,070
65.0 47.4 18,870 75.0 44.8 15,360 80.0 46.4 13,910 85.0 47.6 12,580 90.0 48.6 11,330 70.0 42.9 17,100 80.0 40.6 14,080 85.0 42.6 12,800 90.0 44.3 11,590 95.0 45.6 10,440 75.0 37.9 15,630 85.0 35.9 12,980 90.0 38.6 11,830 95.0 40.7 10,730 100.0 42.4 9,670 80.0 25.7 13,310 95.0 24.3 11,190 100.0 29.2 10,250 150.0 32.7 9,280 110.0 35.9 8,680 115.0 31.3 7,840 85.0 25.7 13,310 95.0 24.3 11,190 105.0 23.2 9,610 110.0 27.9 8,680 115.0 31.3 7,840 105.0 25.7 15.0 25.7 15.0 25.7 25.0 25.7	90 Load Radius (ft) 17.0 18.0 19.0 20.0 22.0 24.0 26.0 30.0 32.0 34.0 36.0 38.0 40.0 45.0 50.0	Boom Angle (deg.) 81.9 81.9 81.2 80.6 79.9 78.6 77.3 76.0 70.7 69.3 68.6 63.0 59.4	360° Rated Load (lbs) 118,820 * 112,400 * 105,220 96,870 83,480 73,230 65,140 58,570 53,150 48,580 44,700 41,380 38,440 35,890 30,660 26,670	10(Load Radius (ft) 19.0 20.0 22.0 24.0 26.0 30.0 32.0 34.0 36.0 38.0 40.0 55.0 60.0	Boom Angle (deg.) 81.5 80.9 79.8 78.6 77.4 76.3 75.1 73.9 72.7 71.5 70.3 69.0 65.9 59.5 56.1	360° Rated Load (lbs) 101,850 * 96,800 83,400 73,120 65,010 58,440 53,020 44,450 44,550 41,200 38,290 35,730 30,480 26,470 23,320 20,740	Load Radius (ft) 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 45.0 50.0 60.0	Boom Angle (deg.) 81.8 80.7 79.7 79.6 77.5 76.5 75.4 74.3 73.2 72.1 71.0 68.2 65.4 62.5 59.5	360° Rated Load (lbs) 92,590 * 83,260 73,010 64,900 58,330 52,880 48,320 44,440 41,090 38,160 35,600 30,350 26,340 23,170 20,610 18,490	12(Load Radius (ft) 22.0 24.0 26.0 30.0 32.0 34.0 36.0 38.0 45.0 55.0 60.0 70.0	Boom Angle (deg.) 81.5 80.5 79.6 77.6 76.6 75.7 72.7 70.1 67.6 65.0 62.3 59.5	360° Rated Load (lbs) 80,680 * 72,950 64,810 52,800 48,230 44,330 40,980 38,050 35,470 30,220 26,210 23,010 20,450 18,320 16,530	13(Load Radius (ft) 24.0 26.0 28.0 30.0 32.0 34.0 36.0 40.0 45.0 55.0 60.0 65.0 70.0	Boom Angle (deg.) 81.3 80.4 79.5 78.6 77.7 76.8 75.9 74.0 71.7 69.4 67.0 64.6 62.1 59.6 57.0	360° Rated Load (lbs) 71,200 * 64,610 58,020 52,570 48,010 44,110 40,760 37,830 35,250 30,000 25,970 22,790 20,210 18,070 16,290 14,770
70.0 42.9 17,100 80.0 40.6 14,080 85.0 42.6 12,800 90.0 44.3 11,590 95.0 45.6 10,440 75.0 37.9 15,630 85.0 35.9 12,980 90.0 38.6 11,830 95.0 40.7 10,730 100.0 42.4 9,670 80.0 32.3 14,370 90.0 30.6 12,010 95.0 34.2 10,970 100.0 36.9 9,960 105.0 39.0 8,990 85.0 25.7 13,310 95.0 24.3 11,190 100.0 29.2 10,250 105.0 32.7 9,280 110.0 35.4 8,390 105.0 25.7 15.0 29.2 10,250 110.0 27.9 8,680 115.0 31.3 7,840 115.0 21.2 10,250 115.0 22.2 8,170 125.0 21.2 6,940	90 Load Radius (ft) 17.0 18.0 19.0 20.0 22.0 24.0 26.0 30.0 32.0 34.0 36.0 38.0 40.0 55.0	Boom Angle (deg.) 81.9 81.9 80.6 79.9 78.6 77.3 76.0 74.7 73.4 72.0 68.0 66.6 63.0 59.4 55.6	360° Rated Load (lbs) 118,820 * 112,400 * 105,220 96,870 83,480 73,230 65,140 58,570 53,150 48,580 44,700 41,380 38,440 35,890 30,660 26,670 23,520	Load Radius (ft) 19.0 20.0 22.0 24.0 26.0 30.0 34.0 36.0 38.0 45.0 55.0 60.0 65.0	Boom Angle (deg.) 81.5 80.9 79.8 78.6 77.4 76.3 75.1 73.9 72.7 71.5 70.3 69.0 65.9 62.5 56.1 52.5	360° Rated Load (lbs) 101,850 * 96,800 83,400 73,120 65,010 58,440 53,020 48,450 41,200 38,290 35,730 30,480 26,470 23,320 20,740 18,620	Load Radius (ft) 20.0 22.0 24.0 28.0 30.0 32.0 34.0 36.0 36.0 45.0 50.0 65.0 70.0	Boom Angle (deg.) 81.8 80.7 79.7 78.6 77.5 76.5 75.4 74.3 73.2 72.1 71.0 68.2 65.4 62.5 59.5 56.4 53.2	360° Rated Load (lbs) 92,590 * 83,260 73,010 64,900 58,330 52,880 48,320 44,440 41,090 38,160 35,600 30,350 26,340 23,170 20,610 18,490 16,710	12(Load Radius (ft) 22.0 26.0 28.0 30.0 32.0 34.0 35.0 45.0 55.0 60.0 75.0	Boom Angle (deg.) 81.5 80.5 79.6 76.6 75.6 75.6 76.7 73.7 72.7 70.1 67.6 65.0 62.3 59.5 56.7	360° Rated Load (lbs) 80,680 * 72,950 64,810 58,240 52,800 48,230 44,330 40,980 38,050 35,470 30,220 26,210 23,010 20,450 18,320 16,530 15,010	13(Load Radius (ft) 24.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 50.0 55.0 60.0 65.0 75.0 80.0	Boom Angle (deg.) 81.3 80.4 79.5 78.6 77.7 76.8 75.9 74.9 74.0 69.4 67.0 64.6 62.1 59.6 57.0 54.3	360° Rated Load (lbs) 71,200 * 64,610 58,020 52,570 48,010 44,110 40,760 37,830 35,250 30,000 25,970 22,790 20,210 18,070 16,290 14,770 13,470
75.0 37.9 15,630 85.0 35.9 12,980 90.0 38.6 11,830 95.0 40.7 10,730 100.0 42.4 9,670 85.0 25.7 13,310 95.0 24.3 11,190 100.0 29.2 10,250 105.0 32.7 9,280 110.0 35.4 8,390 105.0 29.2 105.0 23.2 9,610 115.0 22.2 8,170 120.0 26.7 7,360 105.0 1	90 Load Radius (ft) 17.0 18.0 19.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 55.0 60.0	Boom Angle (deg.) 81.9 81.2 80.6 79.9 78.6 77.3 76.0 74.7 73.4 72.0 70.7 69.3 68.0 66.6 63.0 59.4 55.6 51.6	360° Rated Load (lbs) 118,820 * 112,400 * 105,220 96,870 83,480 73,230 65,140 58,570 53,150 48,580 44,700 41,380 38,440 35,890 30,660 26,670 23,520 20,960	10(Load Radius (ft) 19.0 20.0 22.0 24.0 26.0 30.0 32.0 34.0 36.0 38.0 40.0 45.0 50.0 60.0 65.0 70.0	Boom Angle (deg.) 81.5 80.9 79.8 78.6 77.4 76.3 75.1 73.9 72.7 71.5 70.3 69.0 65.9 62.7 59.5 56.1 52.5 48.8	360° Rated Load (lbs) 101,850 * 96,800 83,400 73,120 65,010 58,440 53,020 48,450 41,200 38,290 35,730 30,480 26,470 23,320 20,740 18,620 16,860	Load Radius (ft) 20.0 22.0 24.0 28.0 30.0 32.0 34.0 36.0 45.0 50.0 65.0 60.0 70.0 75.0	Boom Angle (deg.) 81.8 80.7 79.7 78.6 77.5 76.5 75.4 74.3 73.2 72.1 71.0 68.2 65.4 62.5 59.5 56.4 53.2 49.9	360° Rated Load (lbs) 92,590 * 83,260 73,010 64,900 58,330 52,880 48,320 44,440 41,090 38,160 35,600 30,350 26,340 23,170 20,610 18,490 16,710 15,210	12(Load Radius (ft) 22.0 24.0 26.0 28.0 30.0 34.0 36.0 35.0 40.0 55.0 60.0 65.0 70.0 80.0	Boom Angle (deg.) 81.5 80.5 79.6 76.6 75.6 75.6 76.7 73.7 72.7 70.1 67.6 65.0 62.3 59.5 56.7 53.8 50.8	360° Rated Load (lbs) 80,680 * 72,950 64,810 58,240 52,800 48,230 44,330 40,980 38,050 35,470 30,220 26,210 23,010 20,450 18,320 16,530 15,010 13,710	13(Load Radius (ft) 24.0 28.0 30.0 32.0 34.0 36.0 38.0 45.0 55.0 60.0 65.0 75.0 80.0 85.0	Boom Angle (deg.) 81.3 80.4 79.5 78.6 77.7 76.8 75.9 74.9 74.9 69.4 67.0 64.6 57.0 54.3 51.5	360° Rated Load (lbs) 71,200 * 64,610 58,020 52,570 48,010 44,110 40,760 37,830 35,250 30,000 25,970 22,790 20,210 18,070 16,290 14,770 13,470 12,320
80.0 32.3 14,370 90.0 30.6 12,010 95.0 34.2 10,970 100.0 36.9 9,960 105.0 39.0 8,990 85.0 25.7 13,310 95.0 24.3 11,190 100.0 29.2 10,250 105.0 32.7 9,280 110.0 35.4 8,390 105.0 20.2 9,610 115.0 27.9 8,680 115.0 31.3 7,360 115.0 22.2 8,170 125.0 21.2 6,940	90 Load Radius (ft) 17.0 18.0 19.0 20.0 22.0 24.0 26.0 30.0 32.0 34.0 36.0 38.0 40.0 55.0 60.0 65.0	Boom Angle (deg.) 81.9 81.2 80.6 79.9 78.6 77.3 76.0 74.7 73.4 72.0 70.7 69.3 68.0 66.6 63.0 59.4 55.6 47.4	360° Rated Load (lbs) 118,820 * 112,400 * 105,220 96,870 83,480 73,230 65,140 58,570 53,150 48,580 44,700 41,380 38,440 35,890 30,660 26,670 23,520 20,960 18,870	Load Radius (ft) 19.0 20.0 24.0 26.0 28.0 30.0 32.0 34.0 45.0 50.0 65.0 70.0 75.0	Boom Angle (deg.) 81.5 80.9 79.8 78.6 77.4 76.3 75.1 73.9 72.7 71.5 70.3 69.0 65.9 62.7 59.5 56.1 52.5 48.8 44.8	360° Rated Load (lbs) 101,850 * 96,800 83,400 73,120 65,010 58,440 53,020 48,450 44,550 41,200 38,290 35,730 30,480 26,470 23,320 20,740 18,620 16,860 15,360	Load Radius (ft) 20.0 22.0 24.0 26.0 30.0 32.0 34.0 36.0 38.0 40.0 50.0 55.0 60.0 65.0 70.0 80.0	Boom Angle (deg.) 81.8 80.7 79.7 78.6 77.5 75.4 74.3 73.2 72.1 71.0 68.2 65.4 62.5 59.5 56.4 53.2 49.9 46.4	360° Rated Load (lbs) 92,590 * 83,260 73,010 64,900 58,330 52,880 48,320 44,440 41,090 38,160 35,600 30,350 26,340 23,170 20,610 18,490 16,710 15,210 13,910	Load Radius (ft) 22.0 24.0 26.0 28.0 30.0 34.0 36.0 38.0 40.0 45.0 65.0 60.0 65.0 70.0 80.0 85.0	Boom Angle (deg.) 81.5 80.5 79.6 76.6 75.6 75.6 74.7 73.7 70.1 67.6 65.0 62.3 59.5 56.7 53.8 47.6	360° Rated Load (lbs) 80,680 * 72,950 64,810 58,240 52,800 44,330 40,980 38,050 35,470 30,220 26,210 23,010 20,450 18,320 16,530 15,010 13,710 12,580	13(Load Radius (ft) 24.0 26.0 28.0 30.0 32.0 36.0 38.0 40.0 45.0 50.0 60.0 65.0 70.0 75.0 80.0 90.0	Boom Angle (deg.) 81.3 80.4 79.5 78.6 77.7 76.8 75.9 74.0 74.0 64.6 62.1 59.6 57.0 54.3 51.5	360° Rated Load (lbs) 71,200 * 64,610 58,020 52,570 48,010 44,110 40,760 37,830 35,250 30,000 25,970 22,790 20,210 18,070 16,290 14,770 13,470 12,320 11,330
105.0 23.2 9,610 110.0 27.9 8,680 115.0 31.3 7,840 115.0 22.2 8,170 120.0 26.7 7,360 125.0 21.2 6,940	90 Load Radius (ft) 17.0 18.0 19.0 20.0 22.0 24.0 26.0 30.0 32.0 34.0 36.0 38.0 40.0 45.0 50.0 60.0 65.0 70.0	Boom Angle (deg.) 81.9 81.2 80.6 77.3 76.0 74.7 73.4 72.0 66.6 63.0 59.4 55.6 51.6 47.4 42.9	360° Rated Load (lbs) 118,820 * 112,400 * 105,220 96,870 83,480 73,230 65,140 58,570 53,150 48,580 44,700 41,380 38,440 35,890 30,660 26,670 23,520 20,960 18,870 17,100	Load Radius (ft) 19.0 20.0 22.0 24.0 26.0 30.0 34.0 36.0 45.0 55.0 60.0 70.0 75.0 80.0	Boom Angle (deg.) 81.5 80.9 79.8 78.6 77.4 76.3 75.1 73.9 72.7 71.5 69.0 65.9 62.7 59.5 56.1 52.5 48.8 44.8	360° Rated Load (lbs) 101,850 * 96,800 83,400 73,120 65,010 58,440 53,020 48,450 41,200 38,290 35,730 30,480 26,470 23,320 20,740 18,620 16,860 15,360 14,080	Load Radius (ft) 20.0 22.0 24.0 26.0 30.0 32.0 34.0 36.0 38.0 40.0 50.0 55.0 60.0 65.0 75.0 80.0 85.0	Boom Angle (deg.) 81.8 80.7 79.7 78.6 77.5.4 74.3 73.2 72.1 71.0 68.2 65.4 62.5 59.5 56.4 53.2 49.9 46.4 42.6	360° Rated Load (lbs) 92,590 * 83,260 73,010 64,900 58,330 52,880 48,320 44,440 41,090 38,160 35,600 30,350 26,340 23,170 20,610 18,490 16,710 15,210 13,910 12,800	Load Radius (ft) 22.0 24.0 24.0 28.0 30.0 32.0 34.0 36.0 55.0 60.0 65.0 70.0 80.0 90.0	Boom Angle (deg.) 81.5 80.5 79.6 77.6 76.6 75.6 74.7 72.7 70.1 67.6 65.0 62.3 59.5 56.7 53.8 50.8 47.6 44.3	360° Rated Load (lbs) 80,680 * 72,950 64,810 52,800 48,230 44,330 40,980 38,050 35,470 30,220 26,210 23,010 20,450 18,320 16,530 15,010 13,710 12,580 11,590	Load Radius (ft) 24.0 26.0 28.0 30.0 32.0 36.0 38.0 40.0 55.0 60.0 65.0 70.0 75.0 80.0 90.0 95.0	Boom Angle (deg.) 81.3 80.4 79.5 78.6 77.7 76.8 75.9 74.0 71.7 69.4 67.0 64.6 57.0 54.3 51.5 48.6 45.6	360° Rated Load (lbs) 71,200 * 64,610 58,020 52,570 48,010 44,110 40,760 37,830 35,250 30,000 25,970 22,790 20,210 18,070 16,290 14,770 13,470 12,320 11,330 10,440
115.0 22.2 8,170 120.0 26.7 7,360 125.0 21.2 6,940	90 Load Radius (ft) 17.0 19.0 20.0 22.0 24.0 26.0 33.0 34.0 36.0 38.0 40.0 45.0 55.0 60.0 65.0 70.0 75.0	Boom Angle (deg.) 81.9 81.9 81.2 80.6 79.9 78.6 77.3 76.0 70.7 69.3 68.0 66.6 55.6 51.6 47.4 42.9 37.9 32.3	360° Rated Load (lbs) 118,820 * 112,400 * 105,220 96,870 83,480 73,230 65,140 58,570 53,150 44,700 41,380 38,440 35,890 30,660 26,670 23,520 20,960 18,870 17,100 15,630 14,370	Load Radius (ft) 19.0 20.0 22.0 24.0 26.0 30.0 33.0 34.0 36.0 38.0 40.0 55.0 65.0 70.0 75.0 80.0 85.0 90.0	Boom Angle (deg.) 81.5 80.9 79.8 78.6 77.4 76.3 75.1 73.9 72.7 71.5 70.3 69.0 65.9 59.5 56.1 52.5 48.8 40.6 35.9 30.6	360° Rated Load (lbs) 101,850 * 96,800 83,400 73,120 65,010 58,440 53,020 44,4550 441,200 38,290 35,730 30,480 26,470 23,320 20,740 18,620 16,860 15,360 14,080 12,980 12,910	Load Radius (ft) 20.0 22.0 24.0 28.0 30.0 32.0 34.0 36.0 45.0 55.0 60.0 75.0 80.0 85.0 90.0 95.0	Boom Angle (deg.) 81.8 80.7 79.6 77.5 76.5 75.4 74.3 73.2 72.1 71.0 68.2 65.4 53.2 49.9 46.4 42.6 38.6 34.2	360° Rated Load (lbs) 92,590 * 83,260 73,010 64,900 58,330 52,880 48,320 44,440 41,090 38,160 35,600 30,350 26,340 23,170 20,610 18,490 16,710 15,210 13,910 12,8800 11,830 10,970	12(Load Radius (ft) 22.0 24.0 26.0 30.0 32.0 34.0 36.0 38.0 45.0 55.0 60.0 65.0 75.0 80.0 95.0 90.0 100.0	Boom Angle (deg.) 81.5 80.5 79.6 77.6 76.6 75.6 75.7 72.7 70.1 67.6 65.0 62.3 59.5 56.7 53.8 50.8 47.6 44.3 40.7 36.9	360° Rated Load (lbs) 80,680 * 72,950 64,810 52,800 48,230 44,330 40,980 38,050 35,470 30,220 26,210 23,010 20,450 18,320 16,530 15,010 13,710 12,580 11,590 10,730 9,960	13(Load Radius (ft) 24.0 26.0 28.0 30.0 32.0 34.0 36.0 45.0 55.0 65.0 75.0 80.0 85.0 90.0 91.0 105.0	Boom Angle (deg.) 81.3 80.4 79.5 78.6 77.7 76.8 75.9 74.0 71.7 69.4 67.0 64.6 62.1 59.6 57.0 54.3 51.5 48.6 42.4 39.0	360° Rated Load (lbs) 71,200 * 64,610 58,020 52,570 48,010 44,110 40,760 37,830 35,250 30,000 25,970 22,790 20,210 18,070 13,470 12,320 11,330 10,440 9,670 8,990
125.0 21.2 6,940	90 Load Radius (ft) 17.0 19.0 20.0 22.0 24.0 26.0 33.0 34.0 36.0 38.0 40.0 45.0 55.0 60.0 65.0 70.0 75.0	Boom Angle (deg.) 81.9 81.9 81.2 80.6 79.9 78.6 77.3 76.0 70.7 69.3 68.0 66.6 55.6 51.6 47.4 42.9 37.9 32.3	360° Rated Load (lbs) 118,820 * 112,400 * 105,220 96,870 83,480 73,230 65,140 58,570 53,150 44,700 41,380 38,440 35,890 30,660 26,670 23,520 20,960 18,870 17,100 15,630 14,370	Load Radius (ft) 19.0 20.0 22.0 24.0 26.0 30.0 33.0 34.0 36.0 38.0 40.0 55.0 65.0 70.0 75.0 80.0 85.0 90.0	Boom Angle (deg.) 81.5 80.9 79.8 78.6 77.4 76.3 75.1 73.9 72.7 71.5 70.3 69.0 65.9 59.5 56.1 52.5 48.8 40.6 35.9 30.6	360° Rated Load (lbs) 101,850 * 96,800 83,400 73,120 65,010 58,440 53,020 44,4550 441,200 38,290 35,730 30,480 26,470 23,320 20,740 18,620 16,860 15,360 14,080 12,980 12,910	Load Radius (ft) 20.0 22.0 24.0 28.0 30.0 32.0 34.0 36.0 55.0 60.0 75.0 80.0 85.0 90.0 91.00.0	Boom Angle (deg.) 81.8 80.7 79.7 78.6 77.5 76.5 75.4 74.3 73.2 72.1 71.0 68.2 65.4 62.5 59.5 56.4 53.2 49.9 46.4 42.6 38.6 34.2 29.2	360° Rated Load (lbs) 92,590 * 83,260 73,010 64,900 58,330 52,880 48,320 44,440 41,090 38,160 35,600 30,350 26,340 23,170 20,610 18,490 16,710 15,210 13,910 12,800 11,830 10,970 10,250	12(Load Radius (ft) 22.0 26.0 26.0 30.0 32.0 34.0 38.0 45.0 55.0 65.0 65.0 75.0 80.0 85.0 90.0 91.00 105.0	Boom Angle (deg.) 81.5 80.5 79.6 77.6 76.6 75.6 75.7 73.7 70.1 67.6 65.0 62.3 59.5 56.7 53.8 47.6 44.3 40.7 36.9 32.7	360° Rated Load (lbs) 80,680 * 72,950 64,810 58,240 52,800 48,230 44,330 40,980 38,050 35,470 30,220 26,210 23,010 20,450 18,320 16,530 15,010 13,710 12,580 11,590 10,730 9,960 9,280	13(Load Radius (ft) 24.0 26.0 28.0 30.0 32.0 34.0 36.0 40.0 55.0 60.0 65.0 70.0 85.0 90.0 95.0 100.0 110.0	Boom Angle (deg.) 81.3 80.4 79.5 77.7 76.8 75.9 74.0 71.7 69.4 67.0 64.6 62.1 59.6 57.0 54.3 51.5 48.6 42.4 39.0 35.4	360° Rated Load (lbs) 71,200 * 64,610 58,020 52,570 48,010 44,110 40,760 37,830 35,250 30,000 25,970 22,790 20,210 18,070 16,290 14,770 13,470 12,320 11,330 10,440 9,670 8,990 8,390
	90 Load Radius (ft) 17.0 19.0 20.0 22.0 24.0 26.0 33.0 34.0 36.0 38.0 40.0 45.0 55.0 60.0 65.0 70.0 75.0	Boom Angle (deg.) 81.9 81.9 81.2 80.6 79.9 78.6 77.3 76.0 70.7 69.3 68.0 66.6 55.6 51.6 47.4 42.9 37.9 32.3	360° Rated Load (lbs) 118,820 * 112,400 * 105,220 96,870 83,480 73,230 65,140 58,570 53,150 44,700 41,380 38,440 35,890 30,660 26,670 23,520 20,960 18,870 17,100 15,630 14,370	Load Radius (ft) 19.0 20.0 22.0 24.0 26.0 30.0 33.0 34.0 36.0 38.0 40.0 55.0 65.0 70.0 75.0 80.0 85.0 90.0	Boom Angle (deg.) 81.5 80.9 79.8 78.6 77.4 76.3 75.1 73.9 72.7 71.5 70.3 69.0 65.9 59.5 56.1 52.5 48.8 40.6 35.9 30.6	360° Rated Load (lbs) 101,850 * 96,800 83,400 73,120 65,010 58,440 53,020 44,4550 441,200 38,290 35,730 30,480 26,470 23,320 20,740 18,620 16,860 15,360 14,080 12,980 12,910	Load Radius (ft) 20.0 22.0 24.0 28.0 30.0 32.0 34.0 36.0 55.0 60.0 75.0 80.0 85.0 90.0 91.00.0	Boom Angle (deg.) 81.8 80.7 79.7 78.6 77.5 76.5 75.4 74.3 73.2 72.1 71.0 68.2 65.4 62.5 59.5 56.4 53.2 49.9 46.4 42.6 38.6 34.2 29.2	360° Rated Load (lbs) 92,590 * 83,260 73,010 64,900 58,330 52,880 48,320 44,440 41,090 38,160 35,600 30,350 26,340 23,170 20,610 18,490 16,710 15,210 13,910 12,800 11,830 10,970 10,250	Load Radius (ft) 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 55.0 60.0 65.0 75.0 80.0 95.0 100.0 110.0	Boom Angle (deg.) 81.5 80.5 79.6 76.6 75.6 75.6 76.7 73.7 72.7 70.1 67.6 65.0 62.3 59.5 56.7 53.8 50.8 47.6 44.3 40.7 36.9 32.7 27.9	360° Rated Load (lbs) 80,680 * 72,950 64,810 58,240 52,800 48,230 44,330 40,980 38,050 35,470 30,220 26,210 23,010 20,450 18,320 16,530 15,010 13,710 12,580 11,590 10,730 9,960 9,280 8,680	13(Load Radius (ft) 24.0 28.0 30.0 32.0 34.0 36.0 35.0 40.0 55.0 60.0 65.0 75.0 80.0 90.0 95.0 100.0 115.0	Boom Angle (deg.) 81.3 80.4 79.5 78.6 77.7 76.8 75.9 74.9 74.9 64.6 62.1 59.6 657.0 64.3 51.5 48.6 42.4 39.0 35.4 31.3	360° Rated Load (lbs) 71,200 * 64,610 58,020 52,570 48,010 44,110 40,760 37,830 35,250 30,000 25,970 22,790 20,210 18,070 16,290 14,770 13,470 12,320 11,330 10,440 9,670 8,990 8,390 7,840
	90 Load Radius (ft) 17.0 19.0 20.0 22.0 24.0 26.0 33.0 34.0 36.0 38.0 40.0 45.0 55.0 60.0 65.0 70.0 75.0	Boom Angle (deg.) 81.9 81.9 81.2 80.6 79.9 78.6 77.3 76.0 70.7 69.3 68.0 66.6 55.6 51.6 47.4 42.9 37.9 32.3	360° Rated Load (lbs) 118,820 * 112,400 * 105,220 96,870 83,480 73,230 65,140 58,570 53,150 44,700 41,380 38,440 35,890 30,660 26,670 23,520 20,960 18,870 17,100 15,630 14,370	Load Radius (ft) 19.0 20.0 22.0 24.0 26.0 30.0 33.0 34.0 36.0 38.0 40.0 55.0 65.0 70.0 75.0 80.0 85.0 90.0	Boom Angle (deg.) 81.5 80.9 79.8 78.6 77.4 76.3 75.1 73.9 72.7 71.5 70.3 69.0 65.9 59.5 56.1 52.5 48.8 40.6 35.9 30.6	360° Rated Load (lbs) 101,850 * 96,800 83,400 73,120 65,010 58,440 53,020 44,4550 441,200 38,290 35,730 30,480 26,470 23,320 20,740 18,620 16,860 15,360 14,080 12,980 12,910	Load Radius (ft) 20.0 22.0 24.0 28.0 30.0 32.0 34.0 36.0 55.0 60.0 75.0 80.0 85.0 90.0 91.00.0	Boom Angle (deg.) 81.8 80.7 79.7 78.6 77.5 76.5 75.4 74.3 73.2 72.1 71.0 68.2 65.4 62.5 59.5 56.4 53.2 49.9 46.4 42.6 38.6 34.2 29.2	360° Rated Load (lbs) 92,590 * 83,260 73,010 64,900 58,330 52,880 48,320 44,440 41,090 38,160 35,600 30,350 26,340 23,170 20,610 18,490 16,710 15,210 13,910 12,800 11,830 10,970 10,250	Load Radius (ft) 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 55.0 60.0 65.0 75.0 80.0 95.0 100.0 110.0	Boom Angle (deg.) 81.5 80.5 79.6 76.6 75.6 75.6 76.7 73.7 72.7 70.1 67.6 65.0 62.3 59.5 56.7 53.8 50.8 47.6 44.3 40.7 36.9 32.7 27.9	360° Rated Load (lbs) 80,680 * 72,950 64,810 58,240 52,800 48,230 44,330 40,980 38,050 35,470 30,220 26,210 23,010 20,450 18,320 16,530 15,010 13,710 12,580 11,590 10,730 9,960 9,280 8,680	13(Load Radius (ft) 24.0 26.0 28.0 30.0 32.0 34.0 36.0 35.0 60.0 65.0 70.0 75.0 80.0 90.0 95.0 100.0 115.0 120.0	Boom Angle (deg.) 81.3 80.4 79.5 78.6 77.7 76.8 75.9 74.9 74.0 64.6 57.0 64.6 57.0 64.6 45.6 42.4 39.0 35.4 31.3 26.7	360° Rated Load (lbs) 71,200 * 64,610 58,020 52,570 48,010 44,110 40,760 37,830 35,250 30,000 25,970 22,790 20,210 18,070 16,290 14,770 13,470 12,320 11,330 10,440 9,670 8,990 8,390 7,840 7,360

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





Crane Boom Lifting Capacity

Unit: lbs

Counterweight: 57,800 lbs, Carbody weight: 14,300 lbs

									9.	, •	,	,	J	,
140)' Bo	om	150	0' Bo	om	160	0' Bo	om	170	0' Bo	om	180	o' Bo	om
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.)	(lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
24.0 26.0 28.0 32.0 32.0 34.0 36.0 55.0 65.0 77.0 85.0 95.0 100.0 115.0 125.0 135.0	81.1.24.67.9.0.2.1.9.7.5.5.5.5.5.5.9.8.9.8.5.0.1.7.5.5.5.5.5.5.5.5.5.5.5.5.5.5.5.5.5.5	61,720 * 60,840 * 57,980 * 52,530 47,950 44,040 40,670 35,160 22,680 22,680 13,310 12,160 13,310 12,160 11,170 10,290 9,500 8,790 8,170 7,620 7,120 6,650 6,260 5,900	26.0 28.0 30.0 32.0 34.0 36.0 45.0 55.0 65.0 75.0 85.0 90.0 95.0 115.0 115.0 125.0 135.0	81.7 80.9 79.3 78.6 77.0 76.2 70.2 66.1 64.0 61.6 57.4 55.1 75.2 47.1 42.3 39.4 29.1 24.8	52,680 * 51,800 * 51,140 * 51,140 * 47,810 43,890 40,540 35,030 29,760 25,720 22,530 19,950 17,810 16,000 14,480 13,160 12,010 11,000 10,110 9,320 8,640 8,040 6,920 6,920 6,950 6,040 5,660 5,330	28.0 30.0 32.0 34.0 36.0 45.0 55.0 60.0 65.0 75.0 90.0 95.0 110.0 125.0 110.0 125.0 135.0 145.0	81.57 80.70 79.36 77.75.3.4 77.75.3.4 69.67.7,76.6 65.7.7 65.55.3.29 48.6.1 40.9 335.8 24.0	44,090 * 43,430 * 42,100 * 42,100 * 40,520 37,560 34,980 29,710 25,680 19,880 17,720 15,930 14,390 13,070 10,910 10,910 10,910 10,910 10,910 10,910 10,910 4,710 4,380	28.0 30.0 34.0 36.0 36.0 45.0 55.0 65.0 75.0 90.0 95.0 110.0 125.0 135.0 140.0 155.0 155.0 160.0	82.03 81.36 879.92.68 779.26 777.76.1 770.91 697.77.76 655.55 555.53 555.53 336.49.90 827.33 827.33 827.33	38,800 * 38,130 * 37,470 * 37,470 * 36,370 * 36,370 * 35,710 * 34,780 29,510 25,460 22,260 19,660 17,520 11,670 9,780 8,990 8,260 7,620 7,620 7,620 7,620 7,620 7,620 7,620 7,620 7,620 7,620 3,760 3,760 3,500	30.0 32.0 34.0 38.0 45.0 550.0 65.0 75.0 80.0 95.0 110.0 1150.0 145.0 145.0 155.0 155.0 166.0 170.0	81.15825936093681357890098639480956 8777777666655197542974433333962	33,730 * 33,660 * 31,960 * 31,520 * 31,520 * 29,250 25,220 22,000 17,260 15,450 15,450 11,410 10,400 9,500 8,700 8,700 8,700 6,760 6,760 6,760 6,760 6,760 6,760 4,380 4,030 3,680 3,680 3,680 3,100 2,620
Ree	ves	4	Ree	ves	4	Ree	ves	4	Ree	ves	4	Ree	ves	2
	ves 0' Bo			ves 0' Bo		Ree	ves	4	Ree	eves	4	Ree	ves	2
190 Load		om 360°	20 Load	0' Bo	om	Ree	eves	4	Ree	eves	4	Ree	eves	2
190 Load Radius	Boom Angle (deg.) 81.6 81.0 81.0 81.6 81.0 81.6 81.0 81.0 81.0 81.0 81.0 81.0 81.0 81.0	360° Rated Load (lbs) 29,540 * 28,880 * 28,430 * 27,550 * 26,450 * 25,300 22,110 19,510 17,350 13,990 12,650 11,500	200 Load Radius (ft) 34.0 36.0 38.0 40.0 45.0 55.0 60.0 65.0 95.0 100.0 115.0 120.0 125.0 135.0 140.0 155.0 160.0	Boom Angle (deg.) 81.4 80.9 80.9 77.7 78.2 76.8 72.3 70.8 69.3 67.7 66.2 64.6	360° Rated Load	Ree	eves	4	Ree	eves	4	Ree	eves	2

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



LIFTING CAPACITY

										Counter	weight	57 200	lhe Ca	rhody w	eight:		nit: Ihs
										Counter	weight:	57,800	ibs, ca	rbody w	reignt:	14,300 1	DS
	80' B	oom															
\Box		30 f	t Jib			40 1	ft Jib			50 f	t Jib			60 t	t Jib		Τ
ad	(Offset An	gle (deg.)	(Offset An	igle (deg.	.)	(Offset An	gle (deg.)	(Offset An	gle (deg.	.)	
lius		0		80		0		30		0	_	80		0	_	30	F
t)					_					Rated Load					_		1
_	(deg.)	(lbs)	(deg.)	(lbs)	(deg.)	(lbs)	(deg.)	(lbs)	(deg.)	(lbs)	(deg.)	(lbs)	(deg.)	(lbs)	(deg.)	(lbs)	1
0	79.3	24,000*															ı
2	78.0	24,000*			70.0	04.000*											١
4	77.0 75.9	24,000* 24,000 *			79.3 78.3	24,000* 24,000 *											١
8	7 3.9 74.9	24,000*	79.6	20,230*	77.4	24,000*			79.3	20,000*							ı
ار	73.8	24,000*	78.5	19,730*	76.4	24,000*			78.4	20,000*			79.8	18,000*			١
5	71.1	24,000*	75.7	18,600*	73.9	24,000*	79.7	15,360*	76.1	20,000*			77.7	17,940*			١
0	68.3	24,000*	72.8	17,610*	71.4	22,150*	77.1	14,480*	73.8	18,540*			75.6	16,330*			ı
5	65.3	23,890	69.7	16,710*	68.7	20,280*	74.3	13,640*	71.3	16,950*	78.0	11,080*	73.3	14,900*			١
ا د	62.3	21,340	66.7	15,960*	66.1	18,800*	71.6	12,980*	68.9	15,690*	75.5	10,490*	71.2	13,750*	78.7	8,950*	١
5	59.3	19,200	63.6	15,290*	63.4	17,520*	68.8	12,360*	66.5	14,610*	73.0	9,980*	69.0	12,780*	76.4	8,480*	١
)	56.2	17,410	60.3	14,700*	60.6	16,400*	65.9	11,830*	64.0	13,660*	70.4	9,540*	66.7	11,900*	74.1	8,060*	ı
5	52.8	15,780	56.7	14,150*	57.6	15,360*	62.7	11,350*	61.3	12,760*	67.6	9,100*	64.2	11,110*	71.5	7,670*	ı
2	49.3	14,460	53.1	13,710*	54.6	14,520*	59.6	10,930*	58.7	12,030*	64.8	8,730*	61.9	10,440*	69.0	7,340*	ı
5	45.7	13,330			51.5	13,470	56.3	10,560*	56.0	11,390*	62.0 59.0	8,420*	59.5	9,850* 9,320 *	66.5 63.9	7,030* 6,760 *	ı
0	41.8 37.2	12,320 11,370			48.3 44.6	12,450 11,500	52.9	10,250*	53.2 50.0	10,800* 10,250*	55.6	8,130* 7,840*	57.0 54.2	8,810*	60.9	6,500*	ı
o	37.2 32.4	10,600			40.8	10,710			46.9	9,780*	52.3	7,640*	51.5	8,390*	58.1	6,280*	ı
5	32.4	10,000			36.7	10,000			43.6	9,360*	32.3	7,020	48.7	8,020*	55.0	6,100*	١
ار					00.7	10,000			40.0	8,990*			45.7	7,670*	51.8	5,930*	١
5									35.8	8,640*			42.3	7,340*		,,,,,,	١
ō													38.8	7,050*			
5													35.1	6,810*			1
es	2	2		2	:	2		1	2	2		1	2	2		1	l
	90' B																
nd		30 f Offset An	t Jib)			ft Jib ngle (deg.)		50 f Offset An	t Jib)		60 f Offset An	t Jib)	1
ius		0) 30		Oliset Ali	- 	.) 30		Oliset Ali 10	_ `) 80		0	<u> </u>	.) 30	۱,
										Rated Load							4
	(deg.)	(lbs)	(deg.)	(lbs)	(deg.)	(lbs)	(deg.)	(lbs)	(deg.)	(lbs)	(deg.)	(lbs)	(deg.)	(lbs)	(deg.)	(lbs)	1
2	79.1	24,000*															T
4	78.1	24,000*			70.0	04.000*											١
6 8	77.1	24,000*			79.3 78.4	24,000*			80 O	20 000*							ı
	76.2 75.2	24,000* 24,000*	79.5	20,170*	77.5	24,000* 24,000*			80.0 79.2	20,000* 20,000*							ı
<u> </u>	72.7	24,000*	77.0	19,060*	75.2	24,000*			77.1	20,000*			78.6	18,000*			١
	70.2	24,000*	74.4	18,120*	72.9	23,320*	78.2	14,810*	75.0	19,400*			76.6	17,040*			١
5	67.5	23,690	71.6	17,210*	70.4	21,400*	75.6	14,020*	72.7	17,790*	78.9	11,300*	74.5	15,580*			ı
2	64.9	21,120	68.9	16,460*	68.1	19,880*	73.2	13,330*	70.5	16,510*	76.7	10,730*	72.5	14,410*	79.5	9,100*	١
5	62.2	19,000	66.1	15,800*	65.6	18,560*	70.7	12,760*	68.3	15,380*	74.4	10,250*	70.5	13,400*	77.4	8,660*	ı
5	59.4 56.4	17,190 15,560	63.3 60.2	15,210* 14,660 *	63.2 60.4	17,370 15,740	68.1 65.3	12,230* 11,720 *	66.1 63.6	14,390* 13,490 *	72.0 69.5	9,780* 9,360*	68.4 66.1	12,520* 11,680 *	75.3 72.9	8,240* 7,870*	١
	53.5	14,240	57.1	14,190*	57.8	14,410	62.5	11,720	61.3	12,720*	67.0	8,990*	64.0	11,000*	70.7	7,530*	1
5	50.4	13,090	53.9	13,330	55.1	13,240	59.7	10,930*	58.8	12,050*	64.5	8,680*	61.8	10,400*	68.4	7,230*	1
5	47.1	12,100			52.3	12,230	56.7	10,580*	56.3	11,440*	61.8	8,370*	59.5	9,850*	66.0	6,960*	
5	43.4	11,150			49.1	11,280	53.4	10,270*	53.6	10,860*	58.9	8,110*	57.1	9,320*	63.4	6,700*	1
2	39.7	10,360			46.0	10,490			50.9	10,380*	56.1	7,870*	54.7	8,880*	60.9	6,480*	1
5	35.6	9,650			42.7	9,760			48.0	9,850	53.1	7,640*	52.2	8,480*	58.3	6,280*	1
) 					39.1 35.0	9,120 8,500			45.0	9,210 8,570			49.6 46.7	8,110* 7,760 *	55.5 52.4	6,100* 5,930 *	
- 1				1	່ ວວ.ບ	0.000	1	1	41.7	0,370	1	I	46.7	1,700"	52.4	. อ.ฮอบ"	1
5									l							-,	1
5						,,,,,,,,			38.2	8,040			43.8	7,450*		-,	
5 0 5 0						,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			l							3,555	١

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 P10.

Reeves

2

Reeves



Fixed Jib Lifting Capacity

Unit: lbs

Counterweight: 57,800 lbs, Carbody weight: 14,300 lbs

												,	,	,		,	
	100' E	3oom															
			ft Jib				ft Jib				ft Jib				ft Jib		
Load		Offset Ar	ngle (deg	.)		Offset Ar	igle (deg.	.)		Offset Ar	ngle (deg	1.)		Offset An	gle (deg	.)	Loa
adius		10	3	30	:	10	3	30	1	10	,	30	1	10	3	30	Rad
(ft)	Boom Angle	Rated Load	Boom Angle	Rated Load	Boom Angle	Rated Load	Boom Angle	Rated Load	Boom Angle	Rated Load	Boom Angle	Rated Load	Boom Angle	Rated Load	Boom Angle	Rated Load	(f
	(deg.)	(lbs)	(deg.)	(lbs)	(deg.)	(lbs)	(deg.)	(lbs)	(deg.)	(lbs)	(deg.)	(lbs)	(deg.)	(lbs)	(deg.)	(lbs)	
32	79.9	24,000*															3
34	79.0	24,000*															:
36	78.1	24,000*			80.0	24,000*											(
38	77.2	24,000*			79.2	24,000*											:
40	76.4	24,000*			78.4	24,000*			79.9	20,000*							4
45	74.1	24,000*	78.0	19,480*	76.3	24,000*	70.4	15 100*	78.0	20,000*			79.3	18,000*			4
50	71.8	24,000*	75.7	18,560*	74.2	24,000*	79.1	15,100*	76.0	20,000*	70.7	44 500+	77.5	17,680*			1
55	69.3 67.0	23,450 20,870	73.2 70.7	17,650*	71.9 69.7	22,480* 20,920*	76.7	14,320*	73.9 71.9	18,580* 17,260*	79.7 77.7	11,500*	75.5 73.7	16,200* 15,030*			1
65	64.5	18.730	68.2	16,930* 16,260 *	67.5	18,950	74.5 72.2	13,660* 13.090 *	69.9	16.110*	75.5	10,950* 10,470 *	71.8	13,990*	70.2	8.810*	6
70	62.1	16,930	65.7	15,670*	65.3	17,150	69.9	12,560*	67.8	15.120*	73.4	10,470	69.9	13,090*	78.3 76.3	8,420*	'
75	59.4	15,290	62.9	15,100*	62.8	15,490	67.3	12,050*	65.6	14.170*	71.1	9,610*	67.8	12,250*	74.2	8,040*	;
80	56.7	13,970	60.2	14,300	60.4	14,150	64.9	11.640*	63.4	13,380*	68.8	9,230*	65.8	11,550*	72.1	7,710*	1 8
85	54.0	12,830	57.4	13.110	58.0	13,000	62.4	11.260*	61.2	12.690*	66.5	8,920*	63.8	10,910*	70.0	7,420*	8
90	51.2	11,810	54.5	12,050	55.5	11,970	59.8	10,910*	59.0	12,050*	64.2	8,610*	61.7	10,360*	67.9	7,160*	
95	48.1	10,860	51.2	11,060	52.8	11,020	56.9	10,580*	56.5	11,130	61.6	8,330*	59.5	9,810*	65.5	6,900*	9
00	45.0	10,070			50.1	10,200	54.0	10,310*	54.1	10,310	59.1	8,090*	57.3	9,340*	63.2	6,670*	10
05	41.7	9,360			47.2	9,500			51.6	9,590	56.4	7,870*	55.1	8,920*	60.9	6,450*	10
110	38.1	8,730			44.3	8,860			49.0	8,950	53.7	7,690*	52.7	8,550*	58.4	6,280*	11
15	34.0	8,130			40.9	8,220			46.1	8,310			50.2	8,170*	55.7	6,100*	11
120					37.4	7,690			43.2	7,780			47.7	7,820	53.1	5,950*	12
125					33.7	7,230			40.2	7,290			45.1	7,340			12
130									36.8	6,830			42.3	6,870			13
135									33.2	6,430			39.4 35.9	6,480 6,060			13
140 145													32.4	5,730			14 14
Reeves		2		2		2		1				1	_	2		1	Reev
	110'	3oom															
			ft Jib			40 1	ft Jib			50 1	ft Jib			60 1	ft Jib		Т
oad		Offset Ar	ngle (deg	.)		Offset Ar	gle (deg.	.)		Offset Ar	ngle (deg	1.)		Offset Ar	gle (deg	.)	Lo
adius		10	3	30		10	3	30	1	10		30		10		30	Ra
(ft)	Boom Angle	Rated Load	Boom Angle	Rated Load	Boom Angle	Rated Load	Boom Angle	Rated Load	Boom Angle	Rated Load	Boom Angle	Rated Load	Boom Angle	Rated Load	Boom Angle	Rated Load	(f
	(dog)											(lba)					

	30 ft Jib 40 ft Jib									50 i	ft Jib				ft Jib		
Load		Offset An	gle (deg.)	(Offset An	gle (deg.)	(Offset Ar	igle (deg.)	(Offset An	igle (deg.	.)	Load
Radius	1	0	3	80	1	0	3	30	1	0	3	80	1	0	3	30	Radius
(ft)	Boom Angle	Rated Load	Boom Angle	Rated Load	Boom Angle	Rated Load	Boom Angle	Rated Load	Boom Angle	Rated Load	Boom Angle	Rated Load	Boom Angle	Rated Load	Boom Angle	Rated Load	(ft)
	(deg.)	(lbs)	(deg.)	(lbs)	(deg.)	(lbs)	(deg.)	(lbs)	(deg.)	(lbs)	(deg.)	(lbs)	(deg.)	(lbs)	(deg.)	(lbs)	
34	79.8	24,000															34
36	79.0	24,000															36
38	78.2	24,000			79.9	24,000*											38
40	77.3	24,000			79.2	24,000*											40
45	75.3	24,000	79.0	19,860*	77.2	24,000*			78.8	20,000*			80.0	18,000*			45
50	73.2	24,000	76.8	18,930*	75.3	24,000*	79.9	15,360*	76.9	20,000*			78.3	18,000*			50
55	70.9	23,320	74.5	18,070*	73.2	23,500*	77.7	14,610*	75.0	19,330*			76.4	16,820*			55
60	68.7	20,740	72.2	17,350*	71.2	20,960	75.6	13,970*	73.1	17,980*	78.5	11,150*	74.7	15,600*	70.4	0.070*	60
65	66.5	18,580	70.0	16,680*	69.1	18,800	73.5	13,400*	71.2	16,820*	76.5	10,670*	72.9	14,570*	79.1	8,970*	65
70	64.3	16,770	67.7	16,090*	67.1	16,970	71.4	12,870*	69.3	15,800*	74.6	10,250*	71.1	13,640*	77.2	8,570*	70
75	61.8	15,140	65.1	15,520*	64.8	15,340	69.1	12,380*	67.2	14,830*	72.4	9,830*	69.2	12,780*	75.2	8,200*	75
80	59.4	13,820	62.7	14,170	62.7	13,990	66.9	11,940*	65.2	14,020*	70.4	9,470*	67.3	12,050*	73.3	7,890*	80
85	57.0	12,670	60.2	12,980	60.5	12,830	64.6	11,570*	63.2	12,960	68.3	9,140*	65.5	11,410*	71.4	7,580*	85
90	54.5	11,660	57.6	11,920	58.2	11,810	62.2	11,220*	61.2	11,920	66.1	8,840*	63.6	10,840*	69.4	7,310*	90
95	51.8	10,710	54.8	10,930	55.7	10,840	59.7	10,890*	58.9	10,950	63.8	8,550* 8,310 *	61.5 59.5	10,270* 9,780 *	67.2 65.2	7,050* 6,830 *	95
100 105	49.1 46.3	9,920 9,210	52.0	10,110	53.3 50.8	10,050	57.1 54.5	10,470 9,700	56.7 54.5	10,160 9,430	61.5 59.2	8,090*	57.5	9,360*	63.0	6,630*	100 105
110	46.3 43.3	8,570			48.2	9,320 8,680	54.5 51.8	9,700	54.5 52.2	8,770	56.7	7,890 *	57.5 55.4	8,840	60.9	6,430 *	110
115	43.3 39.9	7,950			4 6.2 45.4	8,040	51.0	9,010	49.7	8.130	54.0	7,690*	53.1	8,200	58.4	6.260*	115
120	36.5	7,930 7,420			43.4 42.5	7,510			49.7 47.2	7.600	34.0	7,030	50.9	7,640	56.1	6.100*	120
125	32.7	6,960			39.4	7,050			44.5	7,120			48.6	7,160	53.6	5,970*	125
130	32.1	0,300			36.1	6,610			41.8	6,650			46.2	6,700	55.0	0,570	130
135					32.5	6,190			38.8	6,260			43.6	6,300			135
140					02.0	0,130			35.4	5,860			40.8	5,880			140
145									00.4	3,000			37.9	5,530			145
150													34.8	5,220			150
Reeves	2	2	2	2	2	2	-	1	2	2	-	1	1	2	-	1	Reeves

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



LIFTING CAPACITY

Fixed Jib Lifting Capacity

Unit: Ibs

Counterweight: 57,800 lbs, Carbody weight: 14,300 lbs

	120' E	Boom															
		30 1	ft Jib			40 1	t Jib			50 t	ft Jib			60 :	ft Jib		
Load	(Offset An	gle (deg	.)	(Offset Ar	gle (deg	.)		Offset An	igle (deg	.)		Offset Ar	ngle (deg.	.)	Load
Radius	1	10	3	30	1	0	3	30	1	0	3	30	1	10	3	30	Radius
(ft)	Boom Angle	Rated Load	Boom Angle	Rated Load	Boom Angle	Rated Load	Boom Angle	Rated Load	Boom Angle	Rated Load	Boom Angle	Rated Load	Boom Angle	Rated Load	Boom Angle	Rated Load	(ft)
	(deg.)	(lbs)	(deg.)	(lbs)	(deg.)	(lbs)	(deg.)	(lbs)	(deg.)	(lbs)	(deg.)	(lbs)	(deg.)	(lbs)	(deg.)	(lbs)	
36	79.7	24,000*															36
38	79.0	24,000*															38
40	78.2	24,000*			79.9	24,000*											40
45	76.3	24,000*	79.7	20,190*	78.1	24,000*			79.5	20,000*			70.0	40.000*			45
50 55	74.3	24,000*	77.7	19,290*	76.2	24,000*	70.5	14 000+	77.7 75.9	20,000*			78.9 77.2	18,000* 17,390 *			50 55
60	72.2 70.2	23,100 20,520	75.6 73.5	18,450* 17,720*	74.3 72.4	23,360 20,760	78.5 76.6	14,880* 14,240*	74.2	20,000* 18,690*	79.2	11,330*	75.6	16,180*			60
65	68.2	18,360	71.4	17,080*	70.5	18,580	74.7	13,690*	72.4	17,500*	77.4	10.860*	73.9	15,120*	79.7	9.080*	65
70	66.1	16,550	69.3	16,490*	68.6	16,770	72.7	13,160*	70.6	16,440*	75.6	10,420*	72.2	14,170*	78.0	8.700*	70
75	63.9	14.920	67.0	15,340	66.5	15,100	70.6	12,670*	68.7	15,250	73.6	10,030*	70.4	13,290*	76.1	8,350*	75
80	61.7	13,600	64.8	13,970	64.5	13,770	68.5	12,250*	66.8	13,910	71.7	9,670*	68.7	12,560*	74.4	8,040*	80
85	59.5	12,430	62.6	12,780	62.5	12,610	66.4	11,860*	65.0	12,740	69.7	9,340*	67.0	11,900*	72.6	7,730*	85
90	57.3	11,410	60.2	11,720	60.5	11,570	64.3	11,500*	63.1	11,700	67.8	9,060*	65.2	11,300*	70.7	7,470*	90
95	54.8	10,470	57.7	10,730	58.2	10,620	62.0	11,130	61.0	10,730	65.6	8,770*	63.3	10,730*	68.7	7,230*	95
100	52.4	9,650	55.2	9,890	56.0	9,810	59.7	10,290	59.0	9,920	63.6	8,500*	61.5	9,980	66.8	7,010*	100
105	49.9	8,950	52.6	9,140	53.8	9,080	57.4	9,520	57.0	9,190	61.4	8,280*	59.6	9,250	64.9	6,790*	105
110	47.3	8,310			51.5	8,440	55.0	8,840	54.9	8,530	59.3	8,060*	57.7	8,590	62.9 60.7	6,610*	110
115 120	44.5 41.6	7,690 7,160			49.0 46.5	7,800 7,270	52.3	8,150	52.6 50.4	7,890 7,360	56.8 54.5	7,870* 7,690*	55.6 53.6	7,950 7,400	58.6	6,410* 6,260*	115 120
125	38.5	6,670			43.8	6,790			48.1	6.850	52.1	7,090	51.5	6,920	56.4	6,100*	125
130	35.3	6,230			41.1	6,320			45.7	6,410	32.1	7,200	49.3	6,450	54.1	5,970*	130
135	31.7	5,840			38.1	5,930			43.1	5,990			47.1	6,040	51.7	5,860*	135
140	•	0,010			34.7	5,530			40.3	5,590			44.6	5,640		-,	140
145						,			37.4	5,240			42.2	5,290			145
150									34.3	4,910			39.6	4,960			150
155 160													36.8 33.6	4,650 4,340			155
Reeves	 	 2		2		 2		1		<u> </u>		1		4,340 2		 1	160 Reeves
neeves	- 4	_	-	۷	4	_		1	4	_		1	- 4	۷.		1	neeves

130'	Boom
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		30 f	t lib			40 :	t Jib			50 1	ft Jib			60	ft Jib		-
Load		Offset An		1			gle (deg.	1			ngle (deg.	1			ngle (deg	1	Load
Radius			<u> </u>				- 				- 						Radius
/ft)		0		30		0		30		0		80		0		30	/#I)
(11)	ŭ										_		Boom Angle				(1.9)
	(deg.)	(lbs)	(deg.)	(lbs)	(deg.)	(lbs)	(deg.)	(lbs)	(deg.)	(lbs)	(deg.)	(lbs)	(deg.)	(lbs)	(deg.)	(lbs)	
38	79.7	24,000*															38
40	79.0	24,000*															40
45	77.1	24,000*			78.8	24,000*			80.0	20,000*							45
50	75.3	24,000*	78.5	19,620*	77.1	24,000*	70.0		78.4	20,000*			79.5	18,000*			50
55 60	73.4 71.5	22,880	76.5 74.6	18,780* 18,070 *	75.2 73.5	23,170 20.540	79.3 77.5	15,100*	76.7	20,000*	70.0	44 400+	77.9	17,920*			55 60
65	69.6	20,300 18,140	72.7	17,430*	71.7	18.380	75.7	14,500* 13,930*	75.1 73.4	19,330* 18.140*	79.9 78.2	11,480* 11,020*	76.3 74.8	16,710* 15,630*			65
70	67.7	16,330	70.7	16.860	69.9	16.550	73.8	13,420*	71.7	16,710	76.2 76.5	10,620*	73.2	14,680*	78.7	8,840*	70
75	65.6	14,680	68.6	15,140	68.0	14.880	71.8	12,940*	69.9	15,030	74.6	10,020	71.5	13,800*	76.9	8,480*	75
80	63.6	13,350	66.6	13,770	66.2	13,550	69.9	12,520*	68.2	13,690	72.8	9.850*	69.9	13,050*	75.3	8,170*	80
85	61.6	12,210	64.5	12,580	64.3	12,380	68.0	12,140*	66.5	12,520	71.0	9,540*	68.3	12,360*	73.6	7,890*	85
90	59.6	11,170	62.4	11,530	62.4	11,350	66.1	11,770*	64.7	11,480	69.2	9,230*	66.6	11,570	71.9	7,620*	90
95	57.3	10,220	60.1	10,510	60.3	10,380	63.9	10,950	62.8	10,510	67.2	8,950*	64.8	10,580	70.0	7,360*	95
100	55.2	9,430	57.9	9,700	58.3	9,560	61.9	10,090	61.0	9,700	65.3	8,700*	63.1	9,760	68.3	7,140*	100
105 110	52.9	8,700	55.6	8,950	56.3	8,860	59.8	9,340	59.1	8,950	63.4	8,480*	61.4	9,030	66.5	6,940*	105 110
115	50.6 48.1	8,060 7.450	53.2	8,260	54.2 51.9	8,200 7,560	57.6 55.2	8,640 7,980	57.2 55.1	8,310 7,670	61.4 59.2	8,260* 8.040*	59.6 57.7	8,370 7,730	64.6 62.6	6,740* 6,560*	115
120	45.6	6,920			49.7	7,030	52.9	7,9 00	53.1	7,070 7,120	57.1	7,600	55.9	7,730	60.7	6,390*	120
125	43.0	6,430			47.4	6,540	32.3	7,400	51.0	6.630	54.9	7.070	54.0	6,670	58.7	6,230*	125
130	40.2	5,990			45.0	6,080			48.8	6,170	52.6	6,590	52.0	6,230	56.6	6,100*	130
135	37.3	5,570			42.5	5,680			46.6	5,750	0=10	-,	50.0	5,820	54.5	5,970*	135
140	33.9	5,200			39.6	5,260			44.1	5,350			47.8	5,400	52.2	5,840	140
145					36.8	4,930			41.7	5,000			45.6	5,040			145
150					33.7	4,600			39.1	4,670			43.3	4,710			150
155 160									36.3	4,360			41.0	4,400			155 160
165									33.1	4,030			38.3 35.6	4,070 3,760			165
170													32.7	3,480			170
Reeves	2	2	- 2	2	2	2		1	2	2	-	1	_	2		1	Reeves

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



Fixed Jib Lifting Capacity

Unit: lbs

Counterweight: 57,800 lbs, Carbody weight: 14,300 lbs

	140' E	Boom															
			t Jib				t Jib				ft Jib				t Jib		
Load		Offset An				Offset An	<u> </u>				gle (deg.				gle (deg.		Load Radius
Radius (ft)		0		0		0		30	-	0		80		0		80	(ft)
(11)	Boom Angle (deg.)	Rated Load (lbs)	Boom Angle (deg.)	Rated Load (lbs)	Boom Angle (deg.)	Rated Load (lbs)	Boom Angle (deg.)	Rated Load (lbs)	Boom Angle (deg.)	Rated Load (lbs)	Boom Angle (deg.)	Rated Load (lbs)	Boom Angle (deg.)	Rated Load (lbs)	Boom Angle (deg.)	Rated Load (lbs)	(14)
40 45 50 65 70 75 80 90 95 100 115 120 130 145 140 145 160 165 160 165 170 175 Revess	79.6 77.9 76.2 74.4 72.6 69.1 67.2 65.3 63.5 61.6 59.5 57.5 55.5 53.4 51.1 48.9 46.6 44.2 41.7 38.8 36.0 32.9	24,000* 24,000* 24,000* 24,000* 22,680 20,080 17,940 16,110 14,460 11,970 10,950 9,980 9,190 7,180 6,650 6,170 5,730 4,910 4,560 4,210	79.2 77.4 75.6 73.8 72.0 70.0 68.1 66.2 64.3 62.2 60.1 58.1 55.9 53.5 51.3	19,900* 19,900* 19,900* 18,400* 17,760* 16,680 14,960 13,600 11,330 10,310 9,500 8,750 8,750 8,060 7,400 6,850	79.4 77.8 76.1 74.4 72.8 71.1 69.3 67.6 65.9 64.1 62.2 60.3 58.5 56.6 54.5 52.5 50.4 48.2 46.0 43.5 35.7 32.5	24,000* 24,000* 22,970 20,340 18,180 16,330 14,680 13,330 10,160 9,340 6,790 6,300 5,840 5,420 5,020 4,6790 4,320 3,940 3,610	79.9 78.2 76.5 74.8 72.9 71.2 69.4 67.6 65.6 63.7 61.8 59.8 57.6 55.5 53.4	15,320* 14,770* 14,170* 13,690* 13,180* 12,360* 11,810 10,780 9,920 9,140 7,780 7,200 6,670	79.1 77.4 75.9 74.3 72.8 71.1 69.4 66.2 64.4 62.7 60.9 59.2 57.2 55.4 53.5 47.3 45.1 40.5 37.8 35.1 32.2	20,000* 20,000* 19,970* 18,360 16,510 14,830 11,260 10,290 9,470 8,730 6,990 6,390 5,510 5,090 4,730 4,400 4,030 3,680 3,370 3,080	78.8 77.2 75.5 73.8 72.1 70.4 68.6 65.0 63.2 61.2 59.3 57.3 55.3 53.1	11,170* 10,780* 10,380* 10,030* 9,420* 9,430* 9,120* 8,660* 8,440* 8,000 7,420 6,390 5,950	78.5 77.0 75.6 74.1 72.5 71.0 69.4 67.9 66.2 64.6 63.0 61.4 59.6 57.9 56.1 54.3 52.5 50.5 48.5 44.4 42.0 39.7 37.3 34.6	18,000* 17,210* 16,130* 15,160* 14,260* 13,490* 12,410 11,350 10,380 9,540 8,810 7,490 6,960 6,450 5,990 5,570 5,150 4,800 4,470 3,720 3,410 3,730 2,840	79.3 77.7 76.1 74.5 72.9 71.2 69.5 66.1 64.3 62.5 60.7 58.8 56.9 54.7 52.7	8,950* 8,590* 8,310* 7,760* 7,510* 7,270* 6,870* 6,520* 6,320* 6,100* 5,640 5,240	40 45 50 55 60 65 70 75 80 95 100 105 125 140 145 150 160 165 170 175 Reeves
	150' E	Boom															1000
			t Jib			40 f	t Jib			50 1	ft Jib			60 1	t Jib		

	30 ft Jib 40 ft Jib									50 i	ft Jib				t Jib] [
Load		Offset An	gle (deg.	.)	(Offset An	gle (deg.)	(Offset Ar	igle (deg.)	(Offset An	gle (deg.	.)	Load
Radius	1	0	3	30	1	0	3	30	1	0	3	0	1	0	3	30	Radius
(ft)	Boom Angle	Rated Load	Boom Angle	Rated Load	Boom Angle	Rated Load	Boom Angle	Rated Load	Boom Angle	Rated Load	Boom Angle	Rated Load	Boom Angle	Rated Load	Boom Angle	Rated Load	(ft)
	(deg.)	(lbs)	(deg.)	(lbs)	(deg.)	(lbs)	(deg.)	(lbs)	(deg.)	(lbs)	(deg.)	(lbs)	(deg.)	(lbs)	(deg.)	(lbs)	
45	78.6	24,000*			80.0	24,000*											45
50	77.0	24,000*	79.9	20,170*	78.5	24,000*			79.6	20,000*							50
55	75.3	22,530	78.1	19,370*	76.8	22,810			78.1	20,000*			79.1	18,000*			55
60	73.6	19,920	76.4	18,690*	75.3	20,190	78.9	14,920*	76.6	20,000*	70.4	44.000*	77.7	17,700*			60
65	72.0	17,790	74.8	18,070*	73.7	18,030	77.3	14,390*	75.1	18,200	79.4	11,330*	76.3	16,600*	70.0	0.000*	65
70	70.3	15,960	73.1	16,550	72.1 70.5	16,180	75.7	13,910*	73.7	16,350	77.9 76.3	10,930* 10.530*	74.9 73.4	15,650* 14,720*	79.9 78.3	9,060* 8,700*	70
75 80	68.5	14,300	71.2 69.5	14,830 13,470	68.8	14,520 13,180	73.9 72.3	13,420* 13.000 *	72.1 70.5	14,680 13,330	74.7	10,530	71.9	13,420	76.8	8,420*	75 80
85	66.8 65.1	12,980 11,810	67.7	12,250	67.2	12,010	70.6	12,630*	69.0	12.140	73.1	9.870*	70.5	12,230	75.3	8,130*	85
90	63.3	10.800	65.9	11.190	65.6	10,970	68.9	11,680	67.5	11,110	71.5	9.590*	69.0	11,190	73.8	7,890*	90
95	61.4	9,830	63.9	10.180	63.8	10,000	67.1	10.670	65.8	10.110	69.8	9.300*	67.4	10,200	72.2	7,620*	95
100	59.6	9,010	62.1	9,340	62.1	9,190	65.3	9,810	64.2	9,300	68.2	9.060*	65.9	9,390	70.6	7,400*	100
105	57.7	8,310	60.2	8,590	60.4	8,460	63.5	9,030	62.6	8,570	66.5	8.810*	64.4	8,640	69.1	7,200*	105
110	55.8	7,640	58.2	7,910	58.6	7,800	61.7	8,330	60.9	7,910	64.8	8,570	62.9	7,980	67.5	7,010*	110
115	53.7	7,030	56.1	7,270	56.7	7,160	59.7	7,670	59.1	7,270	62.9	7,890	61.2	7,340	65.7	6,830*	115
120	51.7	6,500	54.0	6,700	54.8	6,610	57.8	7,090	57.4	6,720	61.2	7,290	59.6	6,790	64.1	6,650*	120
125	49.6	5,990	51.8	6,190	52.9	6,120	55.8	6,560	55.7	6,210	59.3	6,760	58.0	6,280	62.4	6,500*	125
130	47.5	5,550			51.0	5,660	53.8	6,080	53.9	5,750	57.5	6,280	56.3	5,820	60.7	6,370*	130
135	45.3	5,150			49.0	5,260			52.0	5,330	55.6	5,820	54.6	5,400	58.9	5,970	135
140	42.8	4,730			46.7	4,850			50.0	4,930	53.4	5,350	52.8	4,980	57.0	5,530	140
145	40.3	4,320			44.6	4,450			48.1	4,560			51.0	4,620	55.1	5,130	145
150	37.8	3,940			42.3	4,050			46.1	4,160			49.2	4,230	53.1	4,760	150
155	35.0	3,590			39.9	3,700			43.9	3,790			47.3	3,850			155
160	31.8	3,260			37.3	3,350			41.6	3,430			45.2	3,480			160
165					34.6	3,040			39.3 36.8	3,100 2,820			43.1 41.0	3,170 2,860			165 170
170 175									34.2	2,550			38.7	2,600			170
Reeves	- 2	2	- 2	2	2	2	-	1	2		1	l	_	2		1	Reeves

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



LIFTING CAPACITY

Fixed Jib Lifting Capacity

Unit: Ibs

Counterweight: 57,800 lbs, Carbody weight: 14,300 lbs

	160' E	Boom															
		30 f	t Jib			40 f	t Jib			50 i	t Jib			60 t	t Jib		
Load	(Offset An	gle (deg.)	(Offset An	gle (deg.)	(Offset Ar	gle (deg.)	(Offset An	gle (deg.)	Load
Radius	1	0	3	80	1	0	3	80	1	0	3	0	1	0	3	30	Radius
(ft)	Boom Angle	Rated Load	Boom Angle	Rated Load	Boom Angle	Rated Load	Boom Angle	Rated Load	Boom Angle	Rated Load	Boom Angle	Rated Load	Boom Angle	Rated Load	Boom Angle	Rated Load	(ft)
	(deg.)	(lbs)	(deg.)	(lbs)	(deg.)	(lbs)	(deg.)	(lbs)	(deg.)	(lbs)	(deg.)	(lbs)	(deg.)	(lbs)	(deg.)	(lbs)	
45	79.2	24,000*															45
50	77.7	24,000*			79.0	22,830*											50
55	76.1	22,350	78.8	19,640*	77.5	22,000*			78.7	20,000*			79.6	18,000*			55
60	74.5	19,750	77.2	18,950*	76.0	20,030	79.5	15,120*	77.3	19,200*	00.0	44 440*	78.3	17,800*			60
65	73.0	17,590	75.6	18,290	74.6	17,850	78.0	14,590*	75.9	18,030	80.0	11,440*	76.9	17,060*			65
70 75	71.4 69.7	15,760 14,100	74.0 72.3	16,400 14,680	73.1 71.5	16,000 14,320	76.4 74.8	14,100* 13,640*	74.5 72.9	16,180 14,500	78.5 77.0	11,060* 10.670*	75.6 74.2	16,090* 14,610	78.9	8.810*	70 75
80	68.1	12,780	72.3 70.7	13,290	70.0	12.980	74.0 73.2	13,040 13,220*	71.5	13,130	75.5	10,870	74.2 72.8	13,240	77.5	8,530*	80
85	66.5	11.610	69.0	12.080	68.4	11,810	71.7	12,630	70.1	11,940	74.0	10,030*	71.4	12,050	76.1	8,240*	85
90	64.8	10.580	67.3	11,020	66.9	10,780	70.1	11.530	68.6	10.910	72.5	9.740*	70.0	11,000	74.6	8,000*	90
95	63.0	9.630	65.5	10.000	65.2	9.780	68.4	10.510	67.0	9.920	70.9	9.450*	68.5	10,000	73.1	7.760*	95
100	61.3	8,810	63.8	9,170	63.6	8,970	66.7	9,650	65.5	9,100	69.3	9,210*	67.1	9,190	71.6	7,530*	100
105	59.6	8,090	62.0	8,420	62.0	8,240	65.1	8,880	64.0	8,370	67.8	8,970*	65.7	8,440	70.2	7,310*	105
110	57.9	7,450	60.2	7,730	60.4	7,580	63.4	8,170	62.5	7,690	66.2	8,420	64.2	7,780	68.7	7,140*	110
115	55.9	6,810	58.2	7,070	58.6	6,940	61.5	7,490	60.8	7,050	64.5	7,730	62.7	7,140	67.0	6,940*	115
120	54.1	6,280	56.3	6,520	56.9	6,410	59.8	6,920	59.2	6,500	62.8	7,140	61.2	6,590	65.5	6,790*	120
125	52.2	5,770	54.4	5,990	55.1	5,900	58.0	6,390	57.6	6,010	61.1	6,610	59.7	6,080	63.9	6,610*	125
130	50.3	5,330	52.4	5,530	53.3	5,440	56.1	5,900	55.9	5,550	59.4	6,100	58.1	5,620	62.3	6,280	130
135	48.2	4,890			51.5	5,020	54.2 52.1	5,440	54.2	5,130	57.6	5,640	56.5	5,180	60.7	5,820	135
140 145	46.0 43.9	4,400 4.010			49.5 47.5	4,560 4,140	52.1	5,000	52.4 50.6	4,670 4,250	55.7 53.8	5,200 4.800	54.8 53.2	4,760 4,320	58.9 57.1	5,350 4,960	140 145
150	43.9 41.6	3,610			47.5 45.5	3,740			48.7	3,850	51.9	4,600 4,430	51.5	3,920	55.4	4,580	150
155	39.3	3,260			43.4	3,370			46.8	3,480	31.3	7,750	49.7	3,540	53.6	4,230	155
160	36.6	2,910			41.1	3,020			44.8	3,100			47.8	3,170	51.5	3,810	160
165	33.9	2.600			38.8	2.710			42.7	2,790			46.0	2,860		-,5.0	165
170		,,,,,,				,				, , , ,			44.1	2,550			170
Reeves	2	2	- 2	2	2	2	-	1	2	2	1		2	2	1	1	Reeves

-17	0'	Boom

30 ft Jib				40 ft Jib			50 ft Jib			60 ft Jib				- , , , ,			
Load	Offset Angle (deg.)			Offset Angle (deg.)			Offset Angle (deg.)			Offset Angle (deg.)				Load			
Radius	10 30		10 30		30	10		30		10		30		Radius			
(ft)	Boom Angle	Rated Load	Boom Angle	Rated Load	Boom Angle	Rated Load	Boom Angle	Rated Load	Boom Angle	Rated Load	Boom Angle	Rated Load	Boom Angle	Rated Load	Boom Angle	Rated Load	d (ft)
	(deg.)	(lbs)	(deg.)	(lbs)	(deg.)	(lbs)	(deg.)	(lbs)	(deg.)	(lbs)	(deg.)	(lbs)	(deg.)	(lbs)	(deg.)	(lbs)	
45	79.8	23,360*															45
50	78.3	22,830*			79.6	20,800*											50
55	76.8	22,150	79.4	19,860*	78.1	20,000*			79.2	18,500*			80.0	17,000*			55
60	75.3	19,550	77.9	19,220*	76.7	19,200*	80.0	15,290*	77.9	17,800*			78.8	16,400*			60
65	73.8	17,370	76.4	18,120	75.3	17,630	78.6	14,770*	76.5	17,100*			77.5	15,800*			65
70	72.4	15,560	74.9	16,220	73.9	15,800	77.1	14,300*	75.2	15,980	79.1	11,170*	76.2	15,200*			70
75	70.8	13,880	73.2	14,500	72.4	14,130	75.6	13,840*	73.8	14,280	77.6	10,800*	74.9	13,980*	79.4	8,900*	75
80	69.3	12,560	71.7	13,090	71.0	12,760	74.1	13,420*	72.4	12,940	76.2	10,490*	73.6	13,050	78.1	8,610*	80
85	67.7	11,390	70.1	11,880	69.5	11,590	72.6	12,450	71.0	11,750	74.8	10,180*	72.3	11,860	76.7	8,350*	85
90	66.2	10,360	68.6	10,820	68.1	10,560	71.1	11,370	69.6	10,690	73.4	9,890*	71.0	10,800	75.4	8,110*	90
95	64.5	9,390	66.9	9,810	66.5	9,560	69.5	10,330	68.2	9,720	71.9	9,610*	69.5	9,810	73.9	7,870*	95
100	62.9	8,590	65.2	8,970	65.0	8,750	68.0	9,470	66.7	8,880	70.4	9,360*	68.2	8,970	72.5	7,640*	100
105	61.3	7,870	63.6	8,220	63.5	8,020	66.4	8,680	65.3	8,150	68.9	8,970	66.8	8,220	71.1	7,450*	105
110	59.7	7,200	61.9	7,530	61.9	7,360	64.8	8,000	63.9	7,470	67.4	8,240	65.5	7,560	69.7	7,250*	110
115	57.9	6,560	60.1	6,870	60.3	6,720	63.1	7,310	62.3	6,830	65.8	7,560	64.0	6,920	68.2	7,050*	115
120	56.2	6,040	58.3	6,300	58.7	6,170	61.5	6,720	60.8	6,280	64.3	6,960	62.6	6,340	66.7	6,900*	120
125	54.4	5,550	56.5	5,790	57.0	5,680	59.8	6,190	59.3	5,770	62.7	6,410	61.1	5,860	65.2	6,610	125
130	52.6	5,070	54.7	5,310	55.4	5,220	58.1	5,700	57.7	5,310	61.1	5,930	59.7	5,370	63.7	6,100	130
135	50.8	4,560	52.8	4,850	53.7	4,730	56.4	5,260	56.1	4,870	59.5	5,460	58.2	4,960	62.2 60.5	5,640	135
140	48.8	4,070			51.8	4,230	54.4	4,820	54.4	4,360	57.7	5,000	56.6	4,450		5,180	140
145 150	46.9	3,650			50.1 48.2	3,810	52.6	4,360	52.8 51.1	3,920	56.0	4,620	55.1	4,010	58.9 57.3	4,780	145 150
155	44.8 42.7	3,280 2.930			48.2 46.3	3,410 3.060			49.3	3,520 3.150	54.2 52.4	4,160 3.760	53.5 51.9	3,610 3,240	55.6	4,380 3.960	155
160	42.7 40.4	2,930 2.570			44.2	2,680			49.3 47.4	2,790	52.4	3,760	50.2	2.860	53.8	3,540	160
165	40.4	2,370			44.2	2,000			77.4	2,790			48.5	2,530	52.0	3,170	165
Reeves	2	2	2	2	2	2		1	2	2	:	2	:	2		1	Reeves

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



Fixed Jib Lifting Capacity Unit: lbs Counterweight: 57,800 lbs, Carbody weight: 14,300 lbs 180' Boom 30 ft Jib 50 ft Jib 40 ft . lih 60 ft Jib Offset Angle (deg.) Offset Angle (deg.) Offset Angle (deg.) Load Offset Angle (deg.) Load Radius Radius 10 10 (ft) Boom Angle Rated Load (deg.) (lbs) (deg.) (lbs) (deg.) (deg.) (deg.) (deg.) (deg.) 50 78.9 19.770 55 19.060 78.7 18.500° 17.000° 55 77.4 19.2409 79.9 79.7 60 76.0 18,760* 78.5 18,580* 77.3 17,800* 78.4 16,4003 79.3 15.0003 60 65 74.6 17,190 77.1 17,960 76.0 17,100* 79.1 14,740* 77.1 15,800* 78.0 14,500 65 14.460* 11.300* 70 73.2 15.360 75.6 16.070 74.7 15.630 77.7 75.9 15.2003 79.6 76.8 14.0003 70 75 71.7 13,710 74.1 14,350 73.2 13,950 76.3 14,020* 74.5 13,980* 78.2 10,930* 75.5 13,500 79.9 8,990* 75 80 70.3 12,360 72.6 12,940 71.9 12,580 74.9 13,580 73.2 12,760 76.9 10,600* 74.3 12,870 78.6 8,700* 80 85 68.8 11,190 71.2 11,720 70.5 11,410 73.5 12,320 71.9 11,570 75.5 10,310* 73.0 11,680 77.3 8.460* 85 90 67.4 10,180 69.7 10,640 69.1 10,360 72.1 11,220 70.6 10,510 74.2 10,030* 71.8 10,620 76.0 8,200* 90 95 65.8 9,190 68.1 9,630 67.6 9,390 70.5 10,180 9,520 72.7 9,740* 70.4 9,630 74.6 7,950* 95 69.2 100 64.3 8 390 66.5 8 790 66.2 8.570 69 1 9.320 67.8 8 700 714 9 500* 69 2 8 790 73.3 7.760*100 105 62.8 7,670 65.0 8,040 7,820 67.6 8,550 66.5 7,950 70.0 8,810 67.9 8,040 72.0 7,530* 105 64.8 61.3 7,010 7,360 7,840 65.1 7,290 8,110 66.6 7,360 70.7 7,360* 110 63.4 63.3 7,160 66.1 68.5 110 115 59.6 6,370 61.7 6,670 61.8 6,520 64.5 7,160 63.6 6,630 67.0 7,400 65.2 6,720 69.2 7,160* 115 120 58.0 5,840 60.1 6,120 60.3 5,970 63.0 6,560 62.2 6,080 65.6 6,810 63.8 6,170 67.8 7,010* 120 125 5,310 5,590 5,460 6,040 5,570 6,260 62.5 5,660 6,480 125 56.4 58.4 58.8 61.4 60.8 64.1 66.4 130 547 4.780 56.7 5,110 57.2 4.960 59.8 5.550 59.3 5.090 62.6 5,770 61.1 5,180 65.0 5,970 130 135 53.0 4,270 55.0 4,580 55.6 4,450 58.2 5,090 57.8 4,580 61.1 5,310 4,670 63.6 5,480 135 59.7 140 3,790 53.1 4,070 53.9 3,940 56.4 4,580 56.2 4,070 4,850 58.2 5,020 140 51.2 59.4 4.160 62.0 145 49.4 3.370 51.3 3,610 52.3 3.520 54.7 4.120 54.7 3.630 57.8 4.380 56.8 3.720 60.5 4.620 145 150 47.6 2,970 3,130 53.0 3,680 53.1 3,240 56.2 3,940 55.3 3,320 59.0 4,160 150 50.6

51.5

1

54.5

52.7

1

2.860

3,520

3,100

53.8

52.2

2,930

2,550

1

57.5

55.8

54.1 52.4

3,740

3.320

2,950

2,600

155

160

165

170

Reeves

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

2

2,600

155

160

165

170

Reeves

45.7

Capacities based on factors other than machine stability such as structural competence are shown by asterisk * in the charts. Refer to notes P10.

1

2.750

2

48.8



TRANSPORTATION PLAN

Name	Dimension ft-in (mm)	Weight lbs (kg)
Base Machine Boom base Gantry Crawler Wire rope (Front / boom hoist)	39' 8" (12,090)	91,677 (41,580)
• Gantry • Crawler • Wire rope (Front / rear / boom hoist)	27' (8,210) (0,01) (1,01) (1,10) (3,610)	87,434 (39,660)
• Boom base • Gantry • Wire rope (Front / rear / boom hoist) • Without crawler	39' 8" (12,090) (2,990) (2,990) (2,990) (2,990) (2,990)	57,981 (26,330)
• Gantry • Wire rope (Front / rear / boom hoist) • Without crawler	25' 3" (7,700) (2,990) (2,990) (3,500) (2,990) (2,990)	53,748 (24,380)
Crawler	20' 7" (6,280) 3' (914) \$\tilde{\ti	16,843 (7,640)

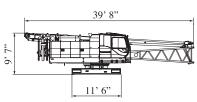
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PARTS AND ATTACHMENTS

Base Machine

Gantry, Wire rope (Front/rear/boom hoist), Without crawler

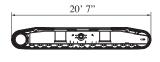
Weight: 57,981 lbs Width: 9' 10"





Crawler

Weight: 16,843 lbs



3' 7"

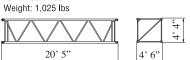
10 ft Insert Boom

20 ft Insert Boom

Weight: 590 lbs

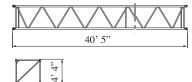






40 ft Insert Boom

Weight: 1,896 lbs



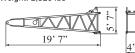




Dimensions: ft Weight: lbs

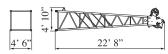
Boom Base

Weight: 2,326 lbs



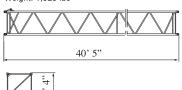
Boom Tip

Weight: 2,227 lbs



40 ft Insert Boom with lug

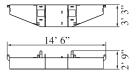
Weight: 1,929 lbs





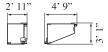
Counterweight No.1

Weight: 20,550 lbs



Counterweight No.2, No.3 (R)

Weight: 9,260 lbs



Counterweight No.2, No.3 (L) Weight: 9,260 lbs

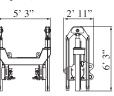


Carbodyweight Weight: 7,165 lbs



Self removal unit

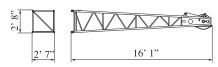
Weight: 1,896 lbs



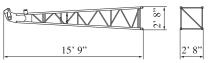


Dimensions: ft Weight: lbs

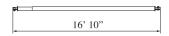
Jib Tip Weight: 485 lbs



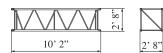
Jib Base Weight: 440 lbs



Backstop Weight: 595 lbs

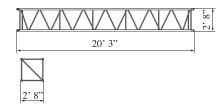


10 ft Insert Jib Weight: 210 lbs



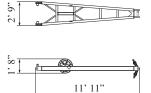
20 ft Insert Jib

Weight: 390 lbs



Jib Strut

Weight: 456 lbs



Auxiliary Sheave Weight: 320 lbs





Upper Spreader Weight: 514 lbs









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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