

Hydraulic Crawler Crane

CK

Preliminary

2750G

Model : CK2750G

LUFFING BOOM / JIB

Max. Lifting Capacity :

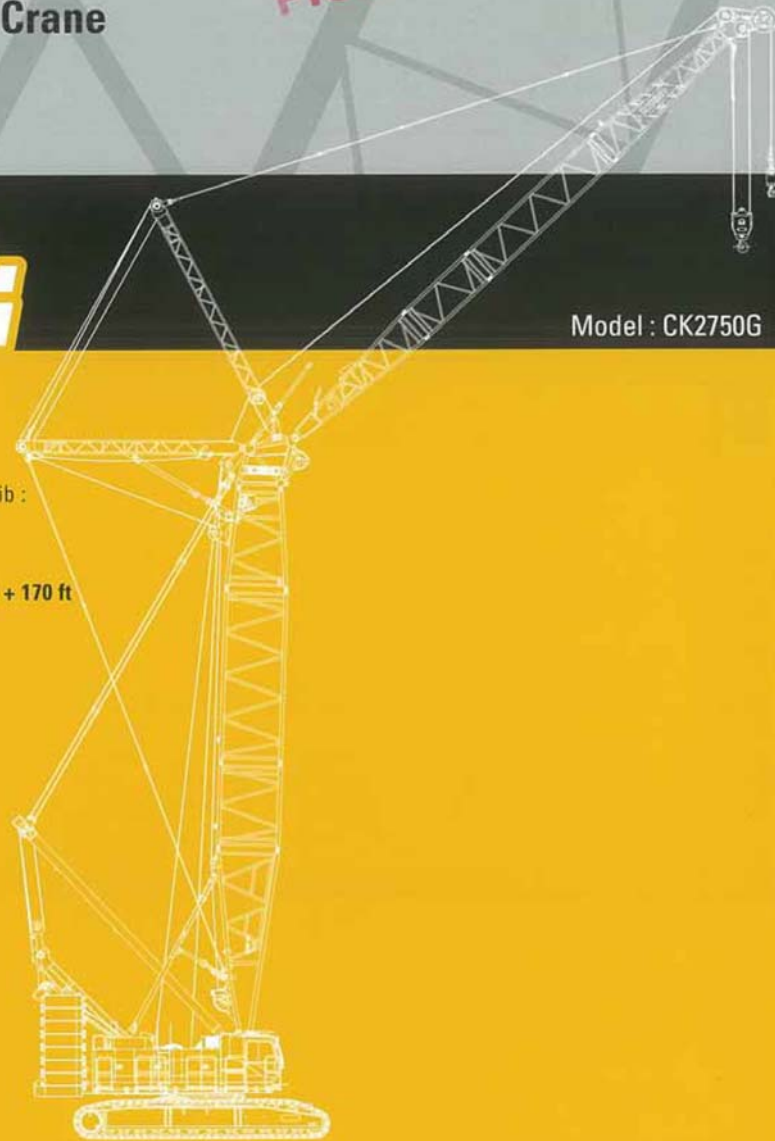
330,600 lbs x 22.0 ft

Max. Lifting Capacity With Luffing Jib :

176,300 lbs x 32.1 ft

Max. Luffing Boom Length: **200 ft**

Max. Luffing Jib Combination: **200 ft + 170 ft**



KOBELCO

CK2750G LUFFING CONTENTS

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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 lb-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 the first 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)
Luffing Boom	70 ft	200 ft
Luffing Jib	70 ft + 70 ft	200 ft + 170 ft

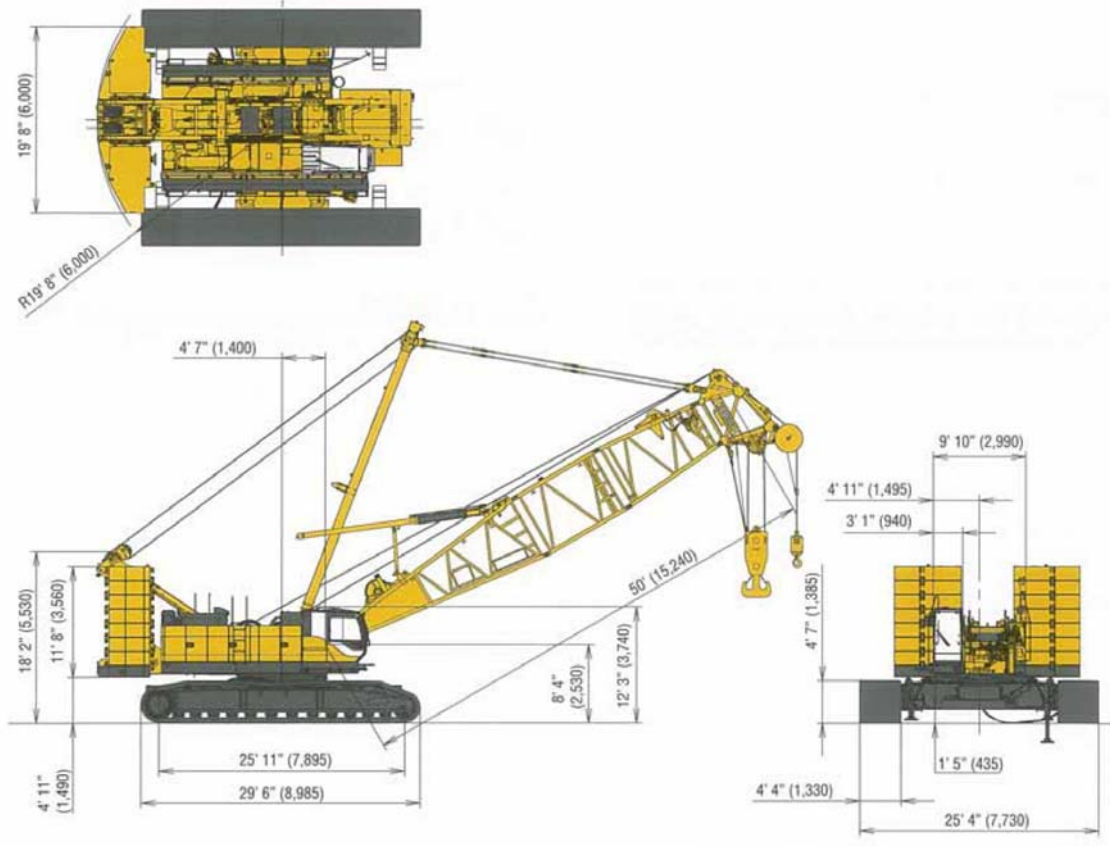
Main Specifications (Model: CK2750G)

Luffing Boom	
Max. Lifting Capacity	330,600 lbs
Length	70 - 200 ft
Luffing Jib	
Max. Lifting Capacity	176,300 lbs
Max. Length	170 ft
Max. Combination	200 ft + 170 ft
Luffing Angle	66° ~ 86°
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

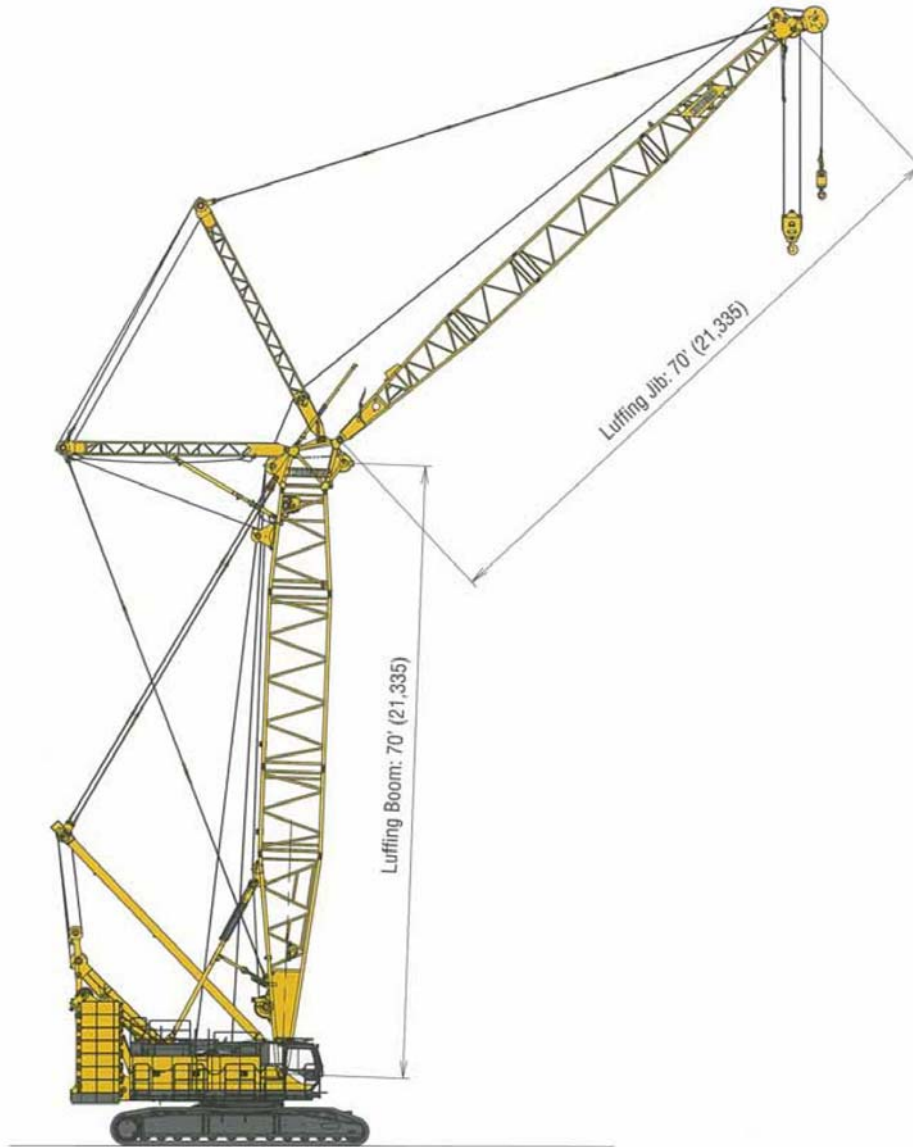
GENERAL DIMENSIONS

Unit: ft-in (mm)



Luffing Jib

Unit: ft-in (mm)



BOOM AND JIB ARRANGEMENTS

Luffing Boom Arrangements for Crane

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)	

Boom length ft (m)	Boom arrangement
150 (45.7)	
160 (48.8)	
170 (51.8)	
180 (54.9)	
190 (57.9)	
200 (61.0)	

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

Symbol	Luffing Boom Length	Remarks
	25 ft (7.6 m)	Boom Base
	3.3 ft (1.0 m)	Luffing Boom Top
	11.7 ft (3.6 m)	Luffing Tapered Boom
	10 ft (3.0 m)	Insert Boom
	20 ft (6.1 m)	Insert Boom
	40 ft (12.2 m)	Insert Boom

Luffing Boom Arrangements for Luffing

Boom length ft (m)	Boom arrangement
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)	

Boom length ft (m)	Boom arrangement
160 (48.8)	
170 (51.8)	
180 (54.9)	
190 (57.9)	
200 (61.0)	

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

Symbol	Luffing Boom Length	Remarks
	25 ft (7.6 m)	Boom Base
	3.3 ft (1.0 m)	Luffing Boom Top
	11.7 ft (3.6 m)	Luffing Tapered Boom
	10 ft (3.0 m)	Insert Boom
	20 ft (6.1 m)	Insert Boom
	40 ft (12.2 m)	Insert Boom

Luffing Jib Arrangements

Jib length ft (m)	Jib arrangement
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)	※

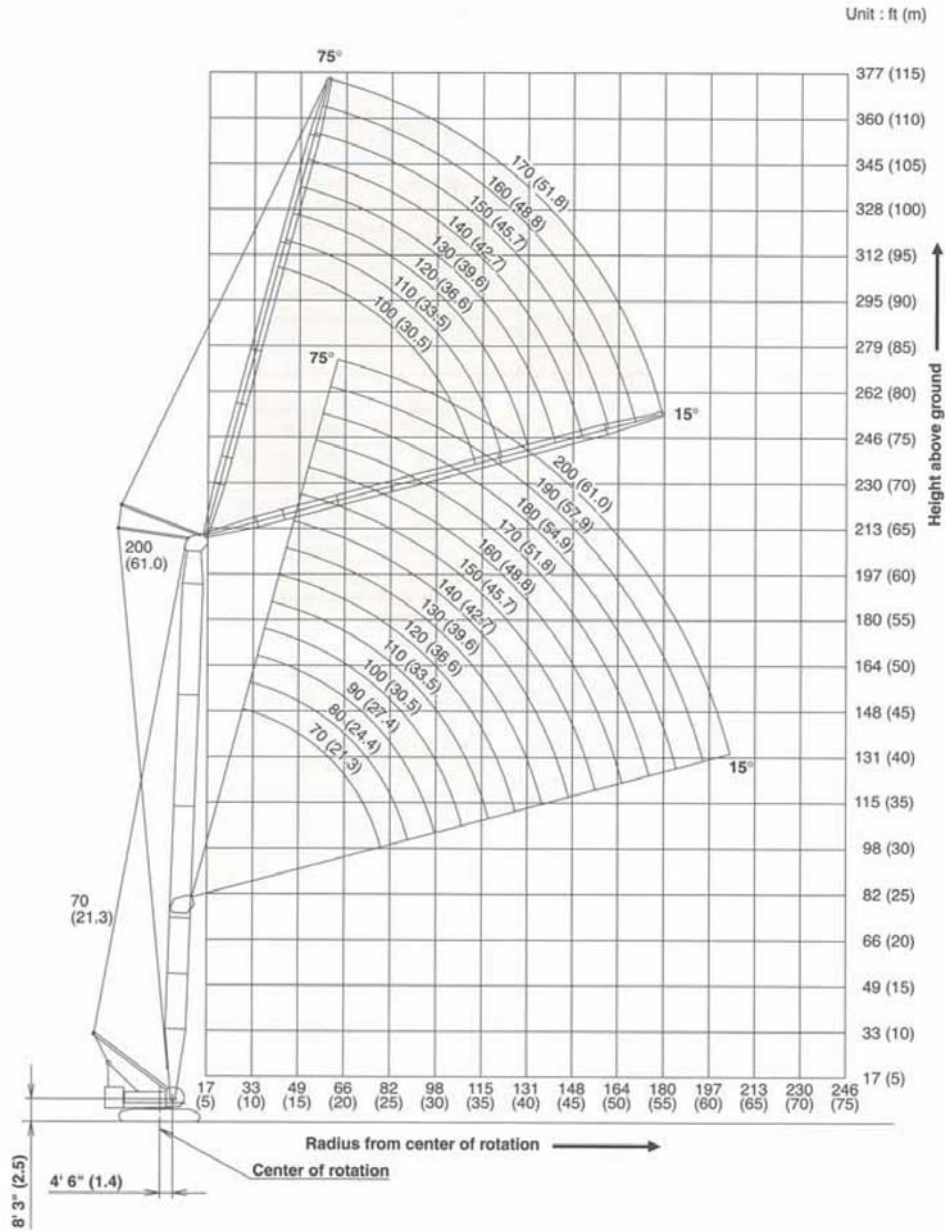
Jib length ft (m)	Jib arrangement
160 (48.8)	※
170 (51.8)	※
180 (54.9)	※
190 (57.9)	※
200 (61.0)	※

Symbol	Jib Length	Remarks
	30.0 ft (9.1 m)	Jib Base
	10.0 ft (3.1 m)	Luffing Insert Jib
	20.0 ft (6.1 m)	Luffing Insert Jib
	40.0 ft (12.2 m)	Luffing Insert Jib
	10.0 ft (3.1 m)	Tapered Insert Jib
	30.0 ft (9.1 m)	Jib Top

※ indicates the most flexible combination of insert luffing booms, which can be modified to form all shorter luffing boom arrangements.

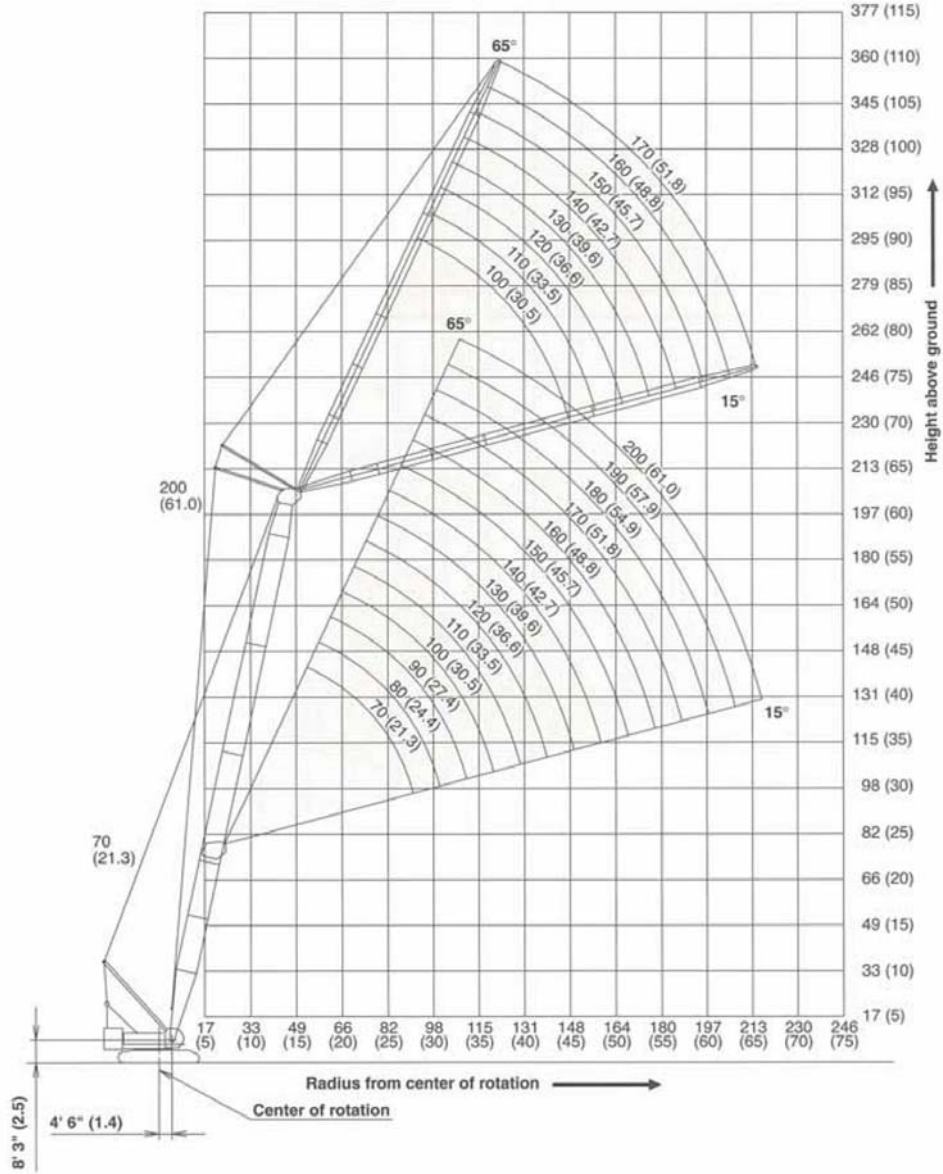
WORKING RANGES

Luffing Jib 88°



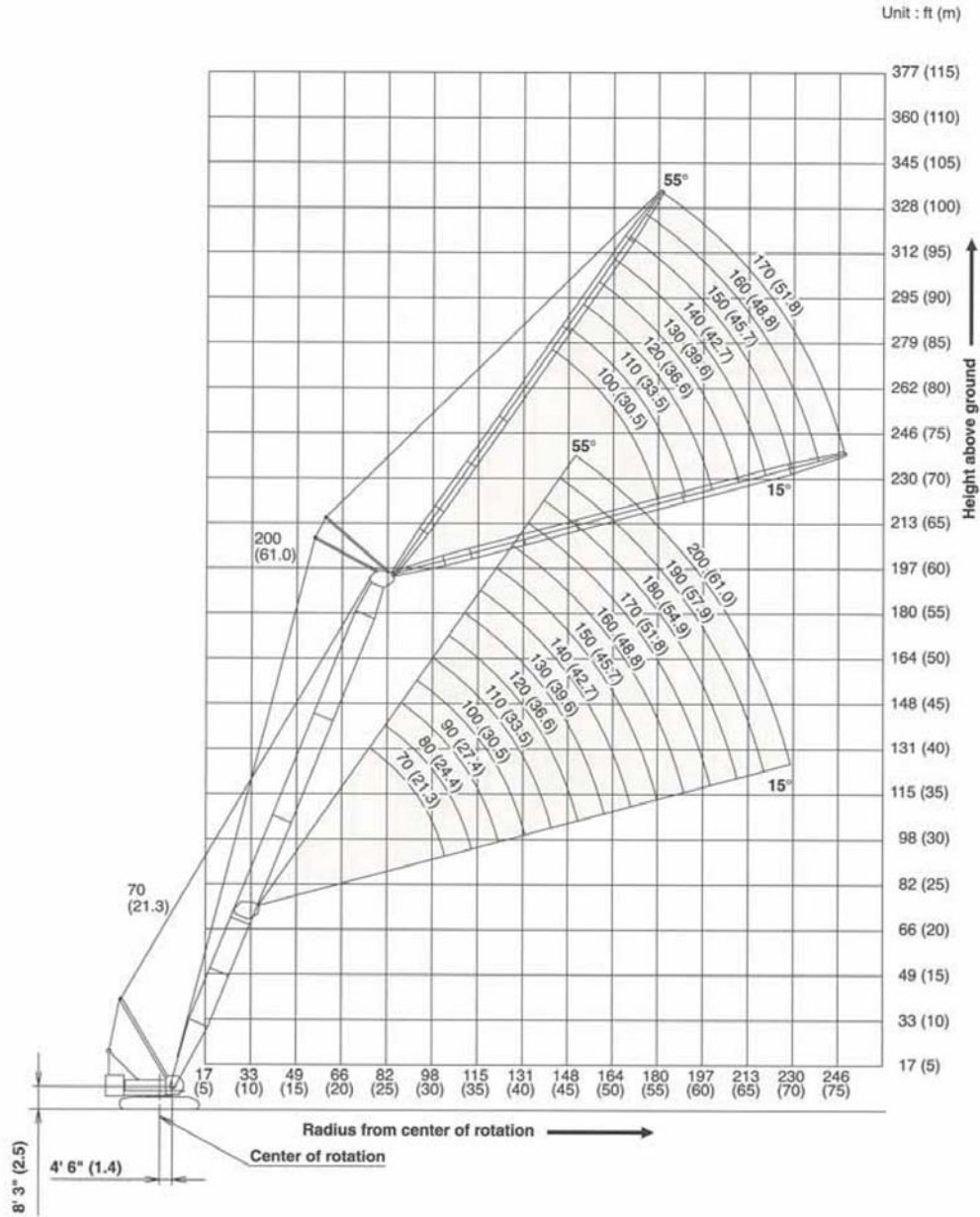
Luffing Jib 78°

Unit : ft (m)



WORKING RANGES

Luffing Jib 68°





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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 boom at length of 180 ft (54.9 m) or over, the blocks for erection must be placed at the end of the crawlers.

7. (LUFFING 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 luffing boom ratings shown.

8. (LUFFING 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, slings, and all other load handling accessories deducted from luffing boom rating shown. Boom lengths that can attach auxiliary sheave are from 50 ft (15.2 m) to 200 ft (61.0 m).

9. (AUXILIARY SHEAVE LIFTING FOR LUFFING BOOM)

The total load that can be lifted is the value for weight of auxiliary sheave hook block, main hook block, slings, and all other load handling accessories deducted from luffing boom rating shown, but it should not exceed 59,500lbs. Boom lengths that can attach auxiliary sheave are from 50 ft (15.2 m) to 200 ft (61.0 m).

10. (LUFFING BOOM LIFTING WITH LUFFING 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 luffing boom with luffing jib ratings shown.

11. (LUFFING JIB LIFTING WITH MAIN HOOK BLOCK)

The total load that can be lifted is the value for weight of main hook block, jib hook block, slings, and all other load handling accessories deducted from luffing jib ratings shown.

12. (LUFFING 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 luffing jib ratings shown.

13. (LUFFING JIB LIFTING WITH AUXILIARY SHEAVE HOOK BLOCK)

The total load that can be lifted is the value for weight of jib hook block, auxiliary sheave hook block, slings, and all other load handling accessories deducted from luffing jib ratings shown.

14. (AUXILIARY SHEAVE LIFTING WITH JIB HOOK BLOCK)

The total load that can be lifted is the value for weight of auxiliary sheave, hook block, jib hook block, slings, and all other load handling accessories deducted from luffing jib ratings shown, but it should not exceed 29,700 lbs.

15. Least stable position is over the side.

16. Luffing boom and jib combinations.

		Jib Length (ft)																			
		70	80	90	100	110	120	130	140	150	160	170	180	190	200						
Boom Length (ft)	70	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
	80	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
	90	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
	100	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
	110	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
	120	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
	130	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
	140	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
	150	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
	160	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
	170	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
	180	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
190	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
200	X	X	X	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	

○ Combinations which is allowed.
X Combinations which is not allowed.

17. Maximum number of reeving parts of line for hoist rope (1) Luffing Jib (the case of using front drum)

		Jib Length (ft)																			
		70	80	90	100	110	120	130	140	150	160	170	180	190	200						
Boom Length (ft)	70	6	6	6	6	4	4	4	4	4	4	2	2	2	2	2	2	2	2	2	
	80	6	6	6	6	4	4	4	4	4	4	2	2	2	2	2	2	2	2	2	2
	90	6	6	6	6	4	4	4	4	4	4	2	2	2	2	2	2	2	2	2	2
	100	6	6	6	6	4	4	4	4	4	4	2	2	2	2	2	2	2	2	2	2
	110	6	6	6	4	4	4	4	4	4	4	2	2	2	2	2	2	2	2	2	2
	120	6	6	4	4	4	4	4	4	4	4	2	2	2	2	2	2	2	2	2	2
	130	6	4	4	4	4	4	4	4	4	4	2	2	2	2	2	2	2	2	2	2
	140	4	4	4	4	4	4	4	4	4	4	2	2	2	2	2	2	2	2	2	2
	150	4	4	4	4	4	4	4	4	4	4	2	2	2	2	2	2	2	2	2	2
	160	4	4	4	4	4	4	4	4	4	4	2	2	2	2	2	2	2	2	2	2
	170	4	4	4	4	4	4	4	4	4	4	2	2	2	2	2	2	2	2	2	2
	180	4	4	4	4	4	4	2	2	2	2	2	2	2	2	2	2	2	2	2	2
190	4	4	4	4	4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
200	X	X	X	4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	

X Combinations which is not allowed.

(2)Luffing Jib (the case of using rear drum)

Boom Length (ft)	Jib Length (ft)															
	70	80	90	100	110	120	130	140	150	160	170	180	190	200		
70	6	6	6	5	4	4	3	3	3	2	2	2	2	2		
80	6	6	6	5	4	4	3	3	3	2	2	2	2	2		
90	6	5	5	5	4	4	3	3	3	2	2	2	2	2		
100	5	5	5	5	4	4	3	3	3	2	2	2	2	2		
110	5	5	5	4	4	4	3	3	3	2	2	2	2	2		
120	5	5	4	4	4	4	3	3	3	2	2	2	2	2		
130	5	4	4	4	4	3	3	3	3	2	2	2	2	2		
140	4	4	4	4	3	3	3	3	3	2	2	2	2	2		
150	4	4	4	3	3	3	3	3	3	2	2	2	2	2		
160	4	4	3	3	3	3	3	3	2	2	2	2	2	2		
170	4	3	3	3	3	3	3	2	2	2	2	2	2	2		
180	3	3	3	3	3	3	2	2	2	2	2	2	2	2		
190	3	3	3	3	3	2	2	2	2	2	2	2	2	2		
200	X	X	X	3	2	2	2	2	2	2	2	2	2	2		

X: Combinations which is not allowed.

18. 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	
Maximum Loads (lbs)	178,500	208,300	238,000	275,500	
Maximum Loads (t)	81.0	94.5	108.0	125.0	

Jib Hoist Loads

No. of Parts of Line	1	2	(3)	4	(5)	6
Maximum Loads (lbs)	29,700	59,500	89,200	119,000	148,800	176,300
Maximum Loads (t)	13.5	27.0	40.5	54.0	67.5	80.0

Auxiliary Hoist Loads

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

Parts of lines with parenthesis () is not recommended for lifting.

19. 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.

20. 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.

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

Luffing 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)
17.7	80.0	330,600 *	19.3	80.0	316,500 *	20.9	80.0	317,000 *	22.9	80.0	317,900 *	24.6	80.0	318,700 *
18.0	79.6	330,600 *	20.0	79.4	316,500 *	22.0	79.3	317,000 *	24.0	79.2	317,700 *	26.0	79.1	317,200 *
19.0	78.4	330,600 *	22.0	77.4	316,500 *	24.0	77.6	317,000 *	26.0	77.7	317,400 *	28.0	77.8	298,600 *
20.0	77.2	330,600 *	24.0	75.4	316,500 *	26.0	75.9	317,000 *	28.0	76.2	299,000 *	30.0	76.4	278,100 *
22.0	74.8	330,600 *	26.0	73.4	316,500 *	28.0	74.1	299,300 *	30.0	74.7	279,000 *	32.0	75.1	259,000 *
24.0	72.3	327,100 *	28.0	71.3	299,200 *	30.0	72.4	279,800 *	32.0	73.2	261,900 *	34.0	73.8	241,100
26.0	69.8	320,200 *	30.0	69.2	280,100 *	32.0	70.6	262,600 *	34.0	71.6	244,200	36.0	72.4	223,900
28.0	67.3	300,900 *	32.0	67.1	263,000 *	34.0	68.8	244,800	36.0	70.1	226,000	38.0	71.0	206,800
30.0	64.6	280,800 *	34.0	64.9	245,200	36.0	67.0	226,400	38.0	68.5	207,800	40.0	69.7	191,300
32.0	62.0	263,700 *	36.0	62.7	226,700	38.0	65.2	208,100	40.0	66.9	191,500	42.0	68.3	179,400
34.0	59.1	245,700	38.0	60.4	208,300	40.0	63.3	191,800	42.0	65.3	179,600	44.0	66.9	167,500
36.0	56.2	227,200	40.0	58.1	192,000	42.0	61.3	179,900	44.0	63.7	167,700	46.0	65.5	155,800
38.0	53.2	208,600	42.0	55.7	180,100	44.0	59.4	168,000	46.0	62.0	156,000	48.0	64.0	147,800
40.0	50.1	192,200	44.0	53.2	168,200	46.0	57.4	156,200	48.0	60.3	148,000	50.0	62.5	139,800
42.0	46.6	180,300	46.0	50.7	156,400	48.0	55.3	148,200	50.0	58.6	140,000	55.0	58.8	122,600
44.0	43.0	168,400	48.0	47.9	148,400	50.0	53.2	140,200	55.0	54.1	122,800	60.0	54.8	108,700
46.0	39.5	156,600	50.0	45.0	140,400	55.0	47.5	123,000	60.0	49.4	108,900	65.0	50.7	97,500
48.0	34.8	146,700	55.0	36.9	122,900	60.0	41.3	109,200	65.0	44.2	97,700	70.0	46.2	88,300
50.0	30.2	136,700	58.7	30.0	111,700	65.0	34.1	97,900	70.0	38.3	88,500	75.0	41.3	80,400
50.1	30.0	135,800 *				67.5	30.0	93,000	75.0	31.6	80,300	80.0	35.9	73,600
									76.1	30.0	78,700	84.6	30.0	67,900
Reeves	12		Reeves	12		Reeves	12		Reeves	12		Reeves	12	
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)
26.2	80.0	291,400 *	28.2	80.0	255,700 *	29.8	80.0	245,300 *	31.4	80.0	220,400 *	33.1	80.0	209,600 *
28.0	79.0	281,500 *	30.0	79.0	251,000 *	30.0	79.9	244,900 *	32.0	79.8	219,100 *	34.0	79.7	206,500 *
30.0	77.8	269,100 *	32.0	77.9	244,500 *	32.0	78.9	239,600 *	34.0	78.9	212,500 *	36.0	78.9	199,300 *
32.0	76.6	252,900 *	34.0	76.8	233,200	34.0	77.9	229,600 *	36.0	78.0	204,700 *	38.0	78.0	192,100 *
34.0	75.4	237,100	36.0	75.7	218,800	36.0	76.9	216,500 *	38.0	77.1	196,900 *	40.0	77.2	184,000
36.0	74.2	221,300	38.0	74.6	204,500	38.0	76.0	203,400 *	40.0	76.2	188,000	42.0	76.3	174,200
38.0	73.0	205,600	40.0	73.5	190,900	40.0	75.0	190,600	42.0	75.2	176,900	44.0	75.5	164,400
40.0	71.8	191,100	42.0	72.4	179,000	42.0	74.0	178,800	44.0	74.3	165,900	46.0	74.6	154,700
42.0	70.6	179,200	44.0	71.3	167,100	44.0	72.9	166,900	46.0	73.4	154,900	48.0	73.8	146,700
44.0	69.3	167,300	46.0	70.2	155,300	46.0	71.9	155,100	48.0	72.5	146,900	50.0	72.9	138,700
46.0	68.1	155,500	48.0	69.1	147,300	48.0	70.9	147,100	50.0	71.5	138,900	55.0	70.7	121,500
48.0	66.8	147,500	50.0	67.9	139,300	50.0	69.9	139,100	55.0	69.1	121,700	60.0	68.5	107,600
50.0	65.5	139,500	55.0	65.0	122,100	55.0	67.3	121,900	60.0	66.7	107,800	65.0	66.3	96,200
55.0	62.3	122,300	60.0	62.1	108,300	60.0	64.6	108,100	65.0	64.3	96,600	70.0	64.0	86,800
60.0	58.9	108,500	65.0	59.0	97,000	65.0	61.9	96,800	70.0	61.8	87,400	75.0	61.6	78,800
65.0	55.4	97,200	70.0	55.8	87,800	70.0	59.1	87,600	75.0	59.2	79,400	80.0	59.2	71,900
70.0	51.7	88,000	75.0	52.5	79,900	75.0	56.2	79,600	80.0	56.5	72,500	85.0	56.8	66,000
75.0	47.8	80,100	80.0	49.0	73,000	80.0	53.2	72,800	85.0	53.8	66,500	90.0	54.2	60,900
80.0	43.6	73,200	85.0	45.4	67,100	85.0	50.1	66,900	90.0	50.9	61,500	95.0	51.6	56,400
85.0	39.1	67,300	90.0	41.4	62,000	90.0	46.7	61,800	95.0	47.9	57,100	100.0	48.9	52,400
90.0	33.8	62,200	95.0	37.0	57,600	95.0	43.2	57,400	100.0	44.7	53,000	110.0	43.0	45,700
93.5	30.0	59,000	100.0	32.0	53,700	100.0	39.4	53,500	110.0	37.8	46,300	120.0	36.3	40,100
			102.0	30.0	52,200	110.0	30.7	46,800	119.4	30.0	41,000	127.9	30.0	36,300
						110.8	30.0	46,200						
Reeves	10		Reeves	10		Reeves	10		Reeves	8		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 P13 and P14.

Luffing 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)
35.1	80.0	182,900 *	36.7	80.0	178,500 *	38.3	80.0	171,700 *	40.3	80.0	161,300 *	41.9	80.0	152,500 *
36.0	79.6	181,000 *	38.0	79.5	174,600 *	40.0	79.5	165,300 *	42.0	79.4	155,200 *	42.0	79.9	152,500
38.0	78.8	176,600 *	40.0	78.8	168,500	42.0	78.8	157,800 *	44.0	78.8	147,800 *	44.0	79.4	145,500
40.0	78.0	171,900	42.0	78.1	162,800	44.0	78.1	150,300 *	46.0	78.1	140,400	46.0	78.8	138,700
42.0	77.3	166,100	44.0	77.3	157,000	46.0	77.4	142,900	48.0	77.5	135,700	48.0	78.1	133,100
44.0	76.5	160,300	46.0	76.6	151,200	48.0	76.7	138,200	50.0	76.8	131,000	50.0	77.5	127,600
46.0	75.7	154,400	48.0	75.8	144,100	50.0	76.0	133,600	55.0	75.1	118,900	55.0	76.0	115,800
48.0	74.9	146,400	50.0	75.1	137,100	55.0	74.2	120,700	60.0	73.5	106,500	60.0	74.4	105,700
50.0	74.1	138,400	55.0	73.2	121,000	60.0	72.5	106,900	65.0	71.8	95,100	65.0	72.8	94,800
55.0	72.1	121,200	60.0	71.3	107,100	65.0	70.7	95,500	70.0	70.1	85,700	70.0	71.2	85,500
60.0	70.0	107,400	65.0	69.4	95,700	70.0	68.9	86,100	75.0	68.4	77,700	75.0	69.6	77,400
65.0	68.0	95,900	70.0	67.5	86,400	75.0	67.0	78,100	80.0	66.6	70,700	80.0	68.0	70,500
70.0	65.8	86,600	75.0	65.5	78,300	80.0	65.2	71,200	85.0	64.9	64,700	85.0	66.3	64,500
75.0	63.7	78,500	80.0	63.5	71,400	85.0	63.3	65,300	90.0	63.1	59,700	90.0	64.6	59,500
80.0	61.5	71,700	85.0	61.4	65,600	90.0	61.3	60,200	95.0	61.3	55,200	95.0	62.9	55,000
85.0	59.3	65,800	90.0	59.3	60,500	95.0	59.4	55,700	100.0	59.4	51,000	100.0	61.2	50,800
90.0	57.0	60,700	95.0	57.2	56,000	100.0	57.4	51,700	110.0	55.6	44,100	110.0	57.6	43,900
95.0	54.6	56,200	100.0	55.0	51,900	110.0	53.2	44,800	120.0	51.5	38,700	120.0	53.9	38,500
100.0	52.2	52,200	110.0	50.4	45,000	120.0	48.7	39,300	130.0	47.3	34,000	130.0	50.0	33,800
110.0	47.1	45,500	120.0	45.4	39,600	130.0	44.0	34,700	140.0	42.6	30,200	140.0	45.9	30,000
120.0	41.4	39,800	130.0	40.0	34,900	140.0	38.7	30,700	150.0	37.5	26,900	150.0	41.4	26,700
130.0	35.0	35,500	140.0	33.7	31,200	150.0	32.7	27,600	160.0	31.7	24,000	160.0	36.4	23,800
136.8	30.0	33,000	145.3	30.0	29,300	154.1	30.0	26,200	162.7	30.0	23,300	171.2	30.0	21,100
Reeves	7		Reeves	6		Reeves	6		Reeves	6		Reeves	6	
200' Boom														
Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)												
43.6	80.0	143,700 *												
44.0	79.9	142,600 *												
46.0	79.3	136,500 *												
48.0	78.7	131,100 *												
50.0	78.1	125,700 *												
55.0	76.7	113,900												
60.0	75.2	103,700												
65.0	73.7	94,200												
70.0	72.2	85,200												
75.0	70.7	77,100												
80.0	69.1	70,100												
85.0	67.6	64,200												
90.0	66.0	59,100												
95.0	64.4	54,500												
100.0	62.8	50,400												
110.0	59.5	43,700												
120.0	56.0	38,000												
130.0	52.4	33,300												
140.0	48.7	29,400												
150.0	44.6	26,100												
160.0	40.3	23,300												
170.0	35.5	20,800												
180.0	29.9	18,500												
180.1	29.9	18,500												
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 P13 and P14.

LIFTING CAPACITY

Luffing Boom With Luffing Jib Lifting Capacity											
Unit: lbs											
Counterweight: 199,300 lbs, Carbody weight: 60,500 lbs											
70' Boom											
70 ft Jib			80 ft Jib			90 ft Jib			100 ft Jib		
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)
20.9	80.1	275,500 *	20.9	80.1	270,200 *	20.9	80.1	264,500 *	20.9	80.1	262,300 *
22.0	79.3	275,500 *	22.0	79.3	270,200 *	22.0	79.3	264,500 *	22.0	79.3	262,300 *
24.0	77.6	275,500 *	24.0	77.6	270,200 *	24.0	77.6	264,500 *	24.0	77.6	262,300 *
26.0	75.9	275,500 *	26.0	75.9	270,200 *	26.0	75.9	264,500 *	26.0	75.9	262,300 *
28.0	74.1	259,900 *	28.0	74.1	254,900 *	28.0	74.1	249,700 *	28.0	74.1	247,700 *
30.0	72.4	242,300 *	30.0	72.4	237,700 *	30.0	72.4	232,900 *	30.0	72.4	231,100 *
32.0	70.6	225,600 *	32.0	70.6	221,100 *	32.0	70.6	216,600 *	32.0	70.6	214,900 *
34.0	68.8	208,200	34.0	68.8	203,800	34.0	68.8	199,500	34.0	68.8	197,800
36.0	67.0	190,200	36.0	67.0	186,000	36.0	67.0	181,700	36.0	67.0	180,100
38.0	65.2	172,300	38.0	65.2	168,200	38.0	65.2	164,000	38.0	65.2	162,400
40.0	63.3	156,300	40.0	63.3	152,400	40.0	63.3	148,200	40.0	63.3	146,700
42.0	61.3	144,700	42.0	61.3	140,800	42.0	61.3	136,800	42.0	61.3	135,400
44.0	59.4	133,100	44.0	59.4	129,300	44.0	59.4	125,400	44.0	59.4	124,000
46.0	57.4	121,600	46.0	57.4	117,900	46.0	57.4	114,100	46.0	57.4	112,800
48.0	55.3	113,900	48.0	55.3	110,300	48.0	55.3	106,600	48.0	55.3	105,300
50.0	53.2	106,300	50.0	53.2	102,700	50.0	53.2	99,100	50.0	53.2	97,700
55.0	47.5	89,800	55.0	47.5	86,400	55.0	47.5	82,900	55.0	47.5	81,700
59.0	42.7	78,700	59.0	42.7	75,300	59.0	42.7	72,000	59.0	42.7	70,900
Reeves		10	Reeves		10	Reeves		10	Reeves		10
70' Boom											
110 ft Jib			120 ft Jib			130 ft Jib			140 ft Jib		
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)
20.9	80.1	259,900 *	20.9	80.1	255,900 *	20.9	80.1	251,500 *	20.9	80.1	246,600 *
22.0	79.3	259,900 *	22.0	79.3	255,900 *	22.0	79.3	251,500 *	22.0	79.3	246,600 *
24.0	77.6	259,900 *	24.0	77.6	255,900 *	24.0	77.6	251,500 *	24.0	77.6	246,600 *
26.0	75.9	259,900 *	26.0	75.9	255,900 *	26.0	75.9	251,500 *	26.0	75.9	246,600 *
28.0	74.1	245,600 *	28.0	74.1	242,000 *	28.0	74.1	238,100 *	28.0	74.1	233,800 *
30.0	72.4	229,400 *	30.0	72.4	226,100 *	30.0	72.4	222,600 *	30.0	72.4	218,800 *
32.0	70.6	213,100 *	32.0	70.6	210,000 *	32.0	70.6	206,400 *	32.0	70.6	202,800 *
34.0	68.8	196,000	34.0	68.8	193,000	34.0	68.8	189,500	34.0	68.8	186,000
36.0	67.0	178,400	36.0	67.0	175,400	36.0	67.0	172,100	36.0	67.0	168,700
38.0	65.2	160,800	38.0	65.2	157,900	38.0	65.2	154,700	38.0	65.2	151,400
40.0	63.3	145,200	40.0	63.3	142,300	40.0	63.3	139,300	40.0	63.3	136,000
42.0	61.3	133,900	42.0	61.3	131,000	42.0	61.3	128,000	42.0	61.3	124,800
44.0	59.4	122,600	44.0	59.4	119,800	44.0	59.4	116,700	44.0	59.4	113,700
46.0	57.4	111,500	46.0	57.4	108,600	46.0	57.4	105,500	46.0	57.4	102,700
48.0	55.3	103,900	48.0	55.3	101,100	48.0	55.3	98,100	48.0	55.3	95,300
50.0	53.2	96,400	50.0	53.2	93,700	50.0	53.2	90,700	50.0	53.2	87,900
55.0	47.5	80,400	55.0	47.5	77,700	55.0	47.5	74,900	55.0	47.5	72,200
59.0	42.7	69,600	59.0	42.7	67,000	59.0	42.7	64,100	59.0	42.7	61,700
Reeves		10	Reeves		10	Reeves		10	Reeves		10

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 P13 and P14.

Luffing Boom With Luffing Jib Lifting Capacity

Unit: lbs

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

70' Boom											
150 ft Jib			160 ft Jib			170 ft Jib			180 ft Jib		
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)
20.9	80.1	240,000 *	20.9	80.1	236,900 *	20.9	80.1	233,600 *	20.9	80.1	228,300 *
22.0	79.3	240,000 *	22.0	79.3	236,900 *	22.0	79.3	233,600 *	22.0	79.3	228,300 *
24.0	77.6	240,000 *	24.0	77.6	236,900 *	24.0	77.6	233,600 *	24.0	77.6	228,300 *
26.0	75.9	240,000 *	26.0	75.9	236,900 *	26.0	75.9	233,600 *	26.0	75.9	228,300 *
28.0	74.1	227,800 *	28.0	74.1	224,900 *	28.0	74.1	222,000 *	28.0	74.1	217,300 *
30.0	72.4	213,400 *	30.0	72.4	210,800 *	30.0	72.4	208,100 *	30.0	72.4	204,000 *
32.0	70.6	197,700 *	32.0	70.6	195,200 *	32.0	70.6	192,500 *	32.0	70.6	188,500 *
34.0	68.8	181,100	34.0	68.8	179,100	34.0	68.8	176,100	34.0	68.8	172,100
36.0	67.0	163,900	36.0	67.0	162,600	36.0	67.0	159,000	36.0	67.0	155,100
38.0	65.2	146,700	38.0	65.2	146,100	38.0	65.2	141,900	38.0	65.2	138,100
40.0	63.3	131,400	40.0	63.3	131,400	40.0	63.3	126,800	40.0	63.3	123,100
42.0	61.3	120,400	42.0	61.3	120,300	42.0	61.3	115,800	42.0	61.3	112,200
44.0	59.4	109,400	44.0	59.4	109,200	44.0	59.4	104,700	44.0	59.4	101,300
46.0	57.4	98,500	46.0	57.4	98,200	46.0	57.4	93,800	46.0	57.4	90,500
48.0	55.3	91,100	48.0	55.3	90,900	48.0	55.3	86,700	48.0	55.3	83,300
50.0	53.2	83,800	50.0	53.2	83,600	50.0	53.2	79,500	50.0	53.2	76,200
55.0	47.5	68,300	55.0	47.5	68,000	55.0	47.5	64,100	55.0	47.5	60,900
59.0	42.7	57,900	59.0	42.7	57,500	59.0	42.7	53,700	59.0	42.7	50,700
Reeves		10	Reeves		8	Reeves		8	Reeves		8

70' Boom											
190 ft Jib			200 ft Jib								
Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)						
20.9	80.1	221,100 *	20.9	80.1	214,200 *						
22.0	79.3	221,100 *	22.0	79.3	214,200 *						
24.0	77.6	221,100 *	24.0	77.6	214,200 *						
26.0	75.9	221,100 *	26.0	75.9	214,200 *						
28.0	74.1	210,800 *	28.0	74.1	204,700 *						
30.0	72.4	198,300 *	30.0	72.4	192,800 *						
32.0	70.6	183,100 *	32.0	70.6	177,800 *						
34.0	68.8	166,900	34.0	68.8	161,700						
36.0	67.0	150,100	36.0	67.0	145,000						
38.0	65.2	133,200	38.0	65.2	128,300						
40.0	63.3	118,200	40.0	63.3	113,400						
42.0	61.3	107,400	42.0	61.3	102,800						
44.0	59.4	96,600	44.0	59.4	92,200						
46.0	57.4	85,900	46.0	57.4	81,700						
48.0	55.3	78,900	48.0	55.3	74,700						
50.0	53.2	71,800	50.0	53.2	67,700						
55.0	47.5	56,800	55.0	47.5	52,900						
59.0	42.7	46,700	59.0	42.7	42,900						
Reeves		8	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 P13 and P14.

LIFTING CAPACITY

Luffing Boom With Luffing Jib Lifting Capacity											
Unit: lbs											
Counterweight: 199,300 lbs, Carbody weight: 60,500 lbs											
80' Boom											
70 ft Jib			80 ft Jib			90 ft Jib			100 ft Jib		
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)
22.9	79.9	275,500 *	22.9	79.9	273,100 *	22.9	79.9	267,800 *	22.9	79.9	265,800 *
24.0	79.2	275,500 *	24.0	79.2	273,100 *	24.0	79.2	267,800 *	24.0	79.2	265,800 *
26.0	77.7	275,500 *	26.0	77.7	273,100 *	26.0	77.7	267,800 *	26.0	77.7	265,800 *
28.0	76.2	259,700 *	28.0	76.2	256,100 *	28.0	76.2	251,200 *	28.0	76.2	249,400 *
30.0	74.7	242,100 *	30.0	74.7	237,500 *	30.0	74.7	232,900 *	30.0	74.7	231,400 *
32.0	73.2	225,500 *	32.0	73.2	221,100 *	32.0	73.2	216,800 *	32.0	73.2	215,200 *
34.0	71.6	208,200	34.0	71.6	203,900	34.0	71.6	199,800	34.0	71.6	198,300
36.0	70.1	190,300	36.0	70.1	186,300	36.0	70.1	182,200	36.0	70.1	180,700
38.0	68.5	172,500	38.0	68.5	168,600	38.0	68.5	164,600	38.0	68.5	163,200
40.0	66.9	156,600	40.0	66.9	152,800	40.0	66.9	148,900	40.0	66.9	147,600
42.0	65.3	145,000	42.0	65.3	141,300	42.0	65.3	137,500	42.0	65.3	136,200
44.0	63.7	133,500	44.0	63.7	129,700	44.0	63.7	126,100	44.0	63.7	124,700
46.0	62.0	122,000	46.0	62.0	118,300	46.0	62.0	114,800	46.0	62.0	113,400
48.0	60.3	114,300	48.0	60.3	110,600	48.0	60.3	107,200	48.0	60.3	105,900
50.0	58.6	106,600	50.0	58.6	103,000	50.0	58.6	99,600	50.0	58.6	98,400
55.0	54.1	90,000	55.0	54.1	86,500	55.0	54.1	83,300	55.0	54.1	82,200
60.0	49.4	76,600	60.0	49.4	73,400	60.0	49.4	70,300	60.0	49.4	69,200
65.0	44.2	65,900	65.0	44.2	63,000	65.0	44.2	59,900	65.0	44.2	58,800
65.6	43.6	64,500	65.6	43.6	61,700	65.6	43.6	58,600	65.6	43.6	57,500
Reeves		10	Reeves		10	Reeves		10	Reeves		10
80' Boom											
110 ft Jib			120 ft Jib			130 ft Jib			140 ft Jib		
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)
22.9	79.9	263,600 *	22.9	79.9	260,100 *	22.9	79.9	256,100 *	22.9	79.9	251,900 *
24.0	79.2	263,600 *	24.0	79.2	260,100 *	24.0	79.2	256,100 *	24.0	79.2	251,900 *
26.0	77.7	263,600 *	26.0	77.7	260,100 *	26.0	77.7	256,100 *	26.0	77.7	251,900 *
28.0	76.2	247,500 *	28.0	76.2	244,200 *	28.0	76.2	240,600 *	28.0	76.2	236,600 *
30.0	74.7	229,600 *	30.0	74.7	226,600 *	30.0	74.7	223,200 *	30.0	74.7	219,600 *
32.0	73.2	213,500 *	32.0	73.2	210,600 *	32.0	73.2	207,300 *	32.0	73.2	203,800 *
34.0	71.6	196,600	34.0	71.6	193,700	34.0	71.6	190,500	34.0	71.6	187,200
36.0	70.1	179,100	36.0	70.1	176,300	36.0	70.1	173,100	36.0	70.1	169,900
38.0	68.5	161,600	38.0	68.5	158,900	38.0	68.5	155,800	38.0	68.5	152,700
40.0	66.9	146,100	40.0	66.9	143,400	40.0	66.9	140,400	40.0	66.9	137,300
42.0	65.3	134,700	42.0	65.3	132,100	42.0	65.3	129,200	42.0	65.3	126,200
44.0	63.7	123,400	44.0	63.7	120,700	44.0	63.7	117,900	44.0	63.7	115,000
46.0	62.0	112,100	46.0	62.0	109,500	46.0	62.0	106,800	46.0	62.0	104,000
48.0	60.3	104,600	48.0	60.3	102,000	48.0	60.3	99,300	48.0	60.3	96,500
50.0	58.6	97,100	50.0	58.6	94,600	50.0	58.6	91,800	50.0	58.6	89,100
55.0	54.1	81,000	55.0	54.1	78,500	55.0	54.1	75,700	55.0	54.1	73,200
60.0	49.4	68,100	60.0	49.4	65,700	60.0	49.4	63,000	60.0	49.4	60,600
65.0	44.2	57,700	65.0	44.2	55,400	65.0	44.2	52,800	65.0	44.2	50,400
65.6	43.6	56,400	65.6	43.6	54,200	65.6	43.6	51,500	65.6	43.6	49,100
Reeves		10	Reeves		10	Reeves		10	Reeves		10

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 P13 and P14.

Luffing Boom With Luffing Jib Lifting Capacity

Unit: lbs

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

80' Boom											
150 ft Jib			160 ft Jib			170 ft Jib			180 ft Jib		
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)
22.9	79.9	245,800 *	22.9	79.9	242,900 *	22.9	79.9	240,000 *	22.9	79.9	235,200 *
24.0	79.2	245,800 *	24.0	79.2	242,900 *	24.0	79.2	240,000 *	24.0	79.2	235,200 *
26.0	77.7	245,800 *	26.0	77.7	242,900 *	26.0	77.7	240,000 *	26.0	77.7	235,200 *
28.0	76.2	231,000 *	28.0	76.2	228,400 *	28.0	76.2	225,700 *	28.0	76.2	221,200 *
30.0	74.7	214,500 *	30.0	74.7	212,100 *	30.0	74.7	209,500 *	30.0	74.7	205,400 *
32.0	73.2	198,900 *	32.0	73.2	196,500 *	32.0	73.2	194,000 *	32.0	73.2	190,200 *
34.0	71.6	182,400	34.0	71.6	180,000	34.0	71.6	177,700	34.0	71.6	173,900
36.0	70.1	165,300	36.0	70.1	163,000	36.0	70.1	160,700	36.0	70.1	157,000
38.0	68.5	148,200	38.0	68.5	145,900	38.0	68.5	143,700	38.0	68.5	140,100
40.0	66.9	132,900	40.0	66.9	130,900	40.0	66.9	128,500	40.0	66.9	125,000
42.0	65.3	121,800	42.0	65.3	120,500	42.0	65.3	117,500	42.0	65.3	114,200
44.0	63.7	110,700	44.0	63.7	110,100	44.0	63.7	106,500	44.0	63.7	103,300
46.0	62.0	99,800	46.0	62.0	99,800	46.0	62.0	95,600	46.0	62.0	92,500
48.0	60.3	92,500	48.0	60.3	92,500	48.0	60.3	88,300	48.0	60.3	85,300
50.0	58.6	85,100	50.0	58.6	85,100	50.0	58.6	81,100	50.0	58.6	78,000
55.0	54.1	69,400	55.0	54.1	69,400	55.0	54.1	65,600	55.0	54.1	62,600
60.0	49.4	56,900	60.0	49.4	56,900	60.0	49.4	53,200	60.0	49.4	50,400
65.0	44.2	47,000	65.0	44.2	46,800	65.0	44.2	43,300	65.0	44.2	40,600
65.6	43.6	45,800	65.6	43.6	45,600	65.6	43.6	42,100	65.6	43.6	39,400
Reeves		10	Reeves		10	Reeves		10	Reeves		8

80' Boom					
190 ft Jib			200 ft Jib		
Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
22.9	79.9	228,600 *	22.9	79.9	222,400 *
24.0	79.2	228,600 *	24.0	79.2	222,400 *
26.0	77.7	228,600 *	26.0	77.7	222,400 *
28.0	76.2	215,100 *	28.0	76.2	209,400 *
30.0	74.7	199,900 *	30.0	74.7	194,600 *
32.0	73.2	184,800 *	32.0	73.2	179,700 *
34.0	71.6	168,800	34.0	71.6	163,800
36.0	70.1	152,000	36.0	70.1	147,300
38.0	68.5	135,300	38.0	68.5	130,800
40.0	66.9	120,400	40.0	66.9	116,100
42.0	65.3	109,600	42.0	65.3	105,300
44.0	63.7	98,800	44.0	63.7	94,500
46.0	62.0	88,100	46.0	62.0	83,900
48.0	60.3	81,000	48.0	60.3	76,900
50.0	58.6	73,900	50.0	58.6	69,800
55.0	54.1	58,600	55.0	54.1	54,800
60.0	49.4	46,400	60.0	49.4	42,900
65.0	44.2	36,800	65.0	44.2	33,300
65.6	43.6	35,700	65.6	43.6	32,100
Reeves		8	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 P13 and P14.

LIFTING CAPACITY

Luffing Boom With Luffing Jib Lifting Capacity											
Unit: lbs											
Counterweight: 199,300 lbs, Carbody weight: 60,500 lbs											
90' Boom											
70 ft Jib			80 ft Jib			90 ft Jib			100 ft Jib		
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)
26.2	78.9	275,500 *	26.2	78.9	274,600 *	26.2	78.9	272,900 *	26.2	78.9	271,100 *
28.0	77.8	259,700 *	28.0	77.8	257,000 *	28.0	77.8	255,300 *	28.0	77.8	253,600 *
30.0	76.4	241,600 *	30.0	76.4	237,200 *	30.0	76.4	235,700 *	30.0	76.4	233,900 *
32.0	75.1	223,100 *	32.0	75.1	218,800 *	32.0	75.1	217,300 *	32.0	75.1	215,700 *
34.0	73.8	205,500	34.0	73.8	201,400	34.0	73.8	199,900	34.0	73.8	198,400
36.0	72.4	188,800	36.0	72.4	184,800	36.0	72.4	183,300	36.0	72.4	181,900
38.0	71.0	172,000	38.0	71.0	168,100	38.0	71.0	166,700	38.0	71.0	165,400
40.0	69.7	156,800	40.0	69.7	153,100	40.0	69.7	151,800	40.0	69.7	150,500
42.0	68.3	145,200	42.0	68.3	141,600	42.0	68.3	140,400	42.0	68.3	139,000
44.0	66.9	133,700	44.0	66.9	130,100	44.0	66.9	128,900	44.0	66.9	127,600
46.0	65.5	122,300	46.0	65.5	118,700	46.0	65.5	117,600	46.0	65.5	116,300
48.0	64.0	114,500	48.0	64.0	111,000	48.0	64.0	109,900	48.0	64.0	108,700
50.0	62.5	106,700	50.0	62.5	103,300	50.0	62.5	102,200	50.0	62.5	101,000
55.0	58.8	90,000	55.0	58.8	86,700	55.0	58.8	85,700	55.0	58.8	84,600
60.0	54.8	76,600	60.0	54.8	73,600	60.0	54.8	72,700	60.0	54.8	71,600
65.0	50.7	65,900	65.0	50.7	63,000	65.0	50.7	62,100	65.0	50.7	61,000
70.0	46.2	57,200	70.0	46.2	54,300	70.0	46.2	53,400	70.0	46.2	52,500
72.1	44.2	53,500	72.1	44.2	50,700	72.1	44.2	49,800	72.1	44.2	48,900
Reeves		10	Reeves		10	Reeves		10	Reeves		10
90' Boom											
110 ft Jib			120 ft Jib			130 ft Jib			140 ft Jib		
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)
26.2	78.9	266,300 *	26.2	78.9	263,000 *	26.2	78.9	259,700 *	26.2	78.9	255,700 *
28.0	77.8	248,900 *	28.0	77.8	245,800 *	28.0	77.8	242,600 *	28.0	77.8	238,800 *
30.0	76.4	229,600 *	30.0	76.4	226,500 *	30.0	76.4	223,400 *	30.0	76.4	220,000 *
32.0	75.1	211,400 *	32.0	75.1	208,500 *	32.0	75.1	205,400 *	32.0	75.1	202,200 *
34.0	73.8	194,300	34.0	73.8	191,500	34.0	73.8	188,500	34.0	73.8	185,400
36.0	72.4	177,900	36.0	72.4	175,200	36.0	72.4	172,200	36.0	72.4	169,200
38.0	71.0	161,500	38.0	71.0	158,800	38.0	71.0	155,900	38.0	71.0	153,000
40.0	69.7	146,700	40.0	69.7	144,100	40.0	69.7	141,300	40.0	69.7	138,400
42.0	68.3	135,400	42.0	68.3	132,800	42.0	68.3	130,000	42.0	68.3	127,200
44.0	66.9	124,000	44.0	66.9	121,500	44.0	66.9	118,800	44.0	66.9	115,900
46.0	65.5	112,800	46.0	65.5	110,400	46.0	65.5	107,700	46.0	65.5	104,900
48.0	64.0	105,200	48.0	64.0	102,800	48.0	64.0	100,200	48.0	64.0	97,500
50.0	62.5	97,600	50.0	62.5	95,200	50.0	62.5	92,700	50.0	62.5	90,100
55.0	58.8	81,300	55.0	58.8	79,000	55.0	58.8	76,500	55.0	58.8	74,100
60.0	54.8	68,300	60.0	54.8	66,100	60.0	54.8	63,700	60.0	54.8	61,300
65.0	50.7	57,900	65.0	50.7	55,700	65.0	50.7	53,500	65.0	50.7	51,000
70.0	46.2	49,500	70.0	46.2	47,300	70.0	46.2	45,100	70.0	46.2	42,900
72.1	44.2	46,000	72.1	44.2	43,800	72.1	44.2	41,600	72.1	44.2	39,400
Reeves		10	Reeves		10	Reeves		10	Reeves		10

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 P13 and P14.

Luffing Boom With Luffing Jib Lifting Capacity Unit: lbs											
Counterweight: 199,300 lbs, Carbody weight: 60,500 lbs											
90' Boom											
150 ft Jib			160 ft Jib			170 ft Jib			180 ft Jib		
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)
26.2	78.9	250,400 *	26.2	78.9	248,000 *	26.2	78.9	245,300 *	26.2	78.9	240,900 *
28.0	77.8	233,700 *	28.0	77.8	231,200 *	28.0	77.8	228,700 *	28.0	77.8	224,700 *
30.0	76.4	214,900 *	30.0	76.4	212,500 *	30.0	76.4	210,100 *	30.0	76.4	206,400 *
32.0	75.1	197,300 *	32.0	75.1	195,100 *	32.0	75.1	192,800 *	32.0	75.1	189,100 *
34.0	73.8	180,600	34.0	73.8	178,500	34.0	73.8	176,300	34.0	73.8	172,600
36.0	72.4	164,600	36.0	72.4	162,500	36.0	72.4	160,400	36.0	72.4	156,800
38.0	71.0	148,500	38.0	71.0	146,500	38.0	71.0	144,500	38.0	71.0	141,100
40.0	69.7	134,000	40.0	69.7	132,100	40.0	69.7	130,100	40.0	69.7	126,800
42.0	68.3	122,900	42.0	68.3	121,000	42.0	68.3	119,100	42.0	68.3	115,800
44.0	66.9	111,800	44.0	66.9	110,000	44.0	66.9	108,000	44.0	66.9	104,900
46.0	65.5	100,900	46.0	65.5	99,100	46.0	65.5	97,100	46.0	65.5	94,100
48.0	64.0	93,600	48.0	64.0	91,800	48.0	64.0	89,800	48.0	64.0	86,800
50.0	62.5	86,200	50.0	62.5	84,500	50.0	62.5	82,500	50.0	62.5	79,500
55.0	58.8	70,500	55.0	58.8	68,700	55.0	58.8	66,800	55.0	58.8	64,000
60.0	54.8	57,800	60.0	54.8	56,300	60.0	54.8	54,300	60.0	54.8	51,600
65.0	50.7	47,700	65.0	50.7	47,500	65.0	50.7	44,200	65.0	50.7	41,700
70.0	46.2	39,500	70.0	46.2	39,500	70.0	46.2	36,200	70.0	46.2	33,700
72.1	44.2	36,100	72.1	44.2	36,100	72.1	44.2	32,800	72.1	44.2	30,400
Reeves		10	Reeves		10	Reeves		10	Reeves		10
90' Boom											
190 ft Jib			200 ft Jib								
Load Radius (ft)	Boom Angle (deg.)	360' Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360' Rated Load (lbs)						
26.2	78.9	235,200 *	26.2	78.9	229,700 *						
28.0	77.8	219,000 *	28.0	77.8	213,800 *						
30.0	76.4	200,900 *	30.0	76.4	195,900 *						
32.0	75.1	183,900 *	32.0	75.1	179,000 *						
34.0	73.8	167,700	34.0	73.8	162,900						
36.0	72.4	152,000	36.0	72.4	147,400						
38.0	71.0	136,300	38.0	71.0	131,800						
40.0	69.7	122,200	40.0	69.7	117,800						
42.0	68.3	111,400	42.0	68.3	107,200						
44.0	66.9	100,600	44.0	66.9	96,500						
46.0	65.5	89,900	46.0	65.5	85,900						
48.0	64.0	82,700	48.0	64.0	78,800						
50.0	62.5	75,500	50.0	62.5	71,700						
55.0	58.8	60,100	55.0	58.8	56,500						
60.0	54.8	47,900	60.0	54.8	44,400						
65.0	50.7	38,200	65.0	50.7	34,700						
70.0	46.2	30,400	70.0	46.2	27,000						
72.1	44.2	27,100	72.1	44.2	23,800						
Reeves		8	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 P13 and P14.

LIFTING CAPACITY

Luffing Boom With Luffing Jib Lifting Capacities											
Unit: lbs											
Counterweight: 199,300 lbs, Carbody weight: 60,500 lbs											
100' Boom											
70 ft Jib			80 ft Jib			90 ft Jib			100 ft Jib		
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)
26.2	80.0	253,900 *	26.2	80.0	254,100 *	26.2	80.0	250,000 *	26.2	80.0	246,000 *
28.0	79.0	244,600 *	28.0	79.0	244,800 *	28.0	79.0	240,800 *	28.0	79.0	236,900 *
30.0	77.8	232,800 *	30.0	77.8	233,000 *	30.0	77.8	229,100 *	30.0	77.8	225,400 *
32.0	76.6	217,200 *	32.0	76.6	217,500 *	32.0	76.6	213,600 *	32.0	76.6	210,100 *
34.0	75.4	201,800	34.0	75.4	202,000	34.0	75.4	198,400	34.0	75.4	194,900
36.0	74.2	186,500	36.0	74.2	186,700	36.0	74.2	183,200	36.0	74.2	179,700
38.0	73.0	171,200	38.0	73.0	171,400	38.0	73.0	168,000	38.0	73.0	164,600
40.0	71.8	157,000	40.0	71.8	157,200	40.0	71.8	153,900	40.0	71.8	150,700
42.0	70.6	145,400	42.0	70.6	145,700	42.0	70.6	142,400	42.0	70.6	139,200
44.0	69.3	133,800	44.0	69.3	134,100	44.0	69.3	130,800	44.0	69.3	127,800
46.0	68.1	122,300	46.0	68.1	122,700	46.0	68.1	119,400	46.0	68.1	116,500
48.0	66.8	114,500	48.0	66.8	114,900	48.0	66.8	111,700	48.0	66.8	108,900
50.0	65.5	106,700	50.0	65.5	107,100	50.0	65.5	103,900	50.0	65.5	101,200
55.0	62.3	90,000	55.0	62.3	90,400	55.0	62.3	87,400	55.0	62.3	84,800
60.0	58.9	76,600	60.0	58.9	77,100	60.0	58.9	74,200	60.0	58.9	71,600
65.0	55.4	65,900	65.0	55.4	66,300	65.0	55.4	63,400	65.0	55.4	61,000
70.0	51.7	57,000	70.0	51.7	57,500	70.0	51.7	54,800	70.0	51.7	52,500
75.0	47.8	49,500	75.0	47.8	50,000	75.0	47.8	47,300	75.0	47.8	45,100
78.7	44.7	44,500	78.7	44.7	44,900	78.7	44.7	42,300	78.7	44.7	40,100
Reeves		10	Reeves		10	Reeves		10	Reeves		10
100' Boom											
110 ft Jib			120 ft Jib			130 ft Jib			140 ft Jib		
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)
26.2	80.0	242,500 *	26.2	80.0	238,000 *	26.2	80.0	234,700 *	26.2	80.0	231,200 *
28.0	79.0	233,600 *	28.0	79.0	229,400 *	28.0	79.0	226,300 *	28.0	79.0	222,700 *
30.0	77.8	222,300 *	30.0	77.8	218,400 *	30.0	77.8	215,300 *	30.0	77.8	211,800 *
32.0	76.6	207,100 *	32.0	76.6	203,200 *	32.0	76.6	200,300 *	32.0	76.6	197,100 *
34.0	75.4	192,000	34.0	75.4	188,200	34.0	75.4	185,300	34.0	75.4	182,300
36.0	74.2	177,000	36.0	74.2	173,200	36.0	74.2	170,500	36.0	74.2	167,500
38.0	73.0	161,900	38.0	73.0	158,300	38.0	73.0	155,600	38.0	73.0	152,700
40.0	71.8	148,000	40.0	71.8	144,500	40.0	71.8	141,900	40.0	71.8	139,100
42.0	70.6	136,600	42.0	70.6	133,300	42.0	70.6	130,700	42.0	70.6	127,900
44.0	69.3	125,200	44.0	69.3	122,000	44.0	69.3	119,500	44.0	69.3	116,800
46.0	68.1	113,900	46.0	68.1	110,800	46.0	68.1	108,400	46.0	68.1	105,700
48.0	66.8	106,300	48.0	66.8	103,200	48.0	66.8	100,900	48.0	66.8	98,300
50.0	65.5	98,700	50.0	65.5	95,600	50.0	65.5	93,300	50.0	65.5	90,800
55.0	62.3	82,400	55.0	62.3	79,400	55.0	62.3	77,200	55.0	62.3	74,800
60.0	58.9	69,400	60.0	58.9	66,500	60.0	58.9	64,300	60.0	58.9	61,900
65.0	55.4	58,800	65.0	55.4	56,100	65.0	55.4	53,900	65.0	55.4	51,700
70.0	51.7	50,100	70.0	51.7	47,600	70.0	51.7	45,400	70.0	51.7	43,400
75.0	47.8	42,800	75.0	47.8	40,300	75.0	47.8	38,100	75.0	47.8	36,200
78.7	44.7	37,900	78.7	44.7	35,400	78.7	44.7	33,200	78.7	44.7	31,300
Reeves		10	Reeves		10	Reeves		8	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 P13 and P14.

Luffing Boom With Luffing Jib Lifting Capacity											
											Unit: lbs
Counterweight: 199,300 lbs, Carbody weight: 60,500 lbs											
100' Boom											
150 ft Jib			160 ft Jib			170 ft Jib			180 ft Jib		
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)
26.2	80.0	225,900 *	26.2	80.0	223,500 *	26.2	80.0	220,800 *	26.2	80.0	216,900 *
28.0	79.0	217,700 *	28.0	79.0	215,400 *	28.0	79.0	212,800 *	28.0	79.0	209,000 *
30.0	77.8	207,000 *	30.0	77.8	204,900 *	30.0	77.8	202,500 *	30.0	77.8	198,700 *
32.0	76.6	192,400 *	32.0	76.6	190,300 *	32.0	76.6	188,100 *	32.0	76.6	184,300 *
34.0	75.4	177,700	34.0	75.4	175,800	34.0	75.4	173,600	34.0	75.4	170,000
36.0	74.2	163,100	36.0	74.2	161,200	36.0	74.2	159,100	36.0	74.2	155,600
38.0	73.0	148,400	38.0	73.0	146,600	38.0	73.0	144,600	38.0	73.0	141,200
40.0	71.8	134,900	40.0	71.8	133,100	40.0	71.8	131,200	40.0	71.8	127,900
42.0	70.6	123,800	42.0	70.6	122,100	42.0	70.6	120,200	42.0	70.6	116,900
44.0	69.3	112,700	44.0	69.3	111,000	44.0	69.3	109,100	44.0	69.3	106,000
46.0	68.1	101,800	46.0	68.1	100,000	46.0	68.1	98,200	46.0	68.1	95,200
48.0	66.8	94,400	48.0	66.8	92,600	48.0	66.8	90,900	48.0	66.8	87,900
50.0	65.5	87,000	50.0	65.5	85,200	50.0	65.5	83,500	50.0	65.5	80,600
55.0	62.3	71,200	55.0	62.3	70,100	55.0	62.3	67,700	55.0	62.3	65,100
60.0	58.9	58,600	60.0	58.9	58,600	60.0	58.9	55,100	60.0	58.9	52,700
65.0	55.4	48,400	65.0	55.4	48,400	65.0	55.4	45,100	65.0	55.4	42,600
70.0	51.7	40,200	70.0	51.7	40,200	70.0	51.7	36,900	70.0	51.7	34,600
75.0	47.8	33,200	75.0	47.8	33,200	75.0	47.8	30,000	75.0	47.8	27,700
78.7	44.7	28,400	78.7	44.7	28,400	78.7	44.7	25,300	78.7	44.7	23,100
Reeves		8	Reeves		8	Reeves		8	Reeves		8
100' Boom											
190 ft Jib			200 ft Jib								
Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)						
26.2	80.0	211,100 *	26.2	80.0	205,900 *						
28.0	79.0	203,500 *	28.0	79.0	198,400 *						
30.0	77.8	193,500 *	30.0	77.8	188,700 *						
32.0	76.6	179,400 *	32.0	76.6	174,700 *						
34.0	75.4	165,200	34.0	75.4	160,600						
36.0	74.2	150,900	36.0	74.2	146,500						
38.0	73.0	136,700	38.0	73.0	132,400						
40.0	71.8	123,500	40.0	71.8	119,400						
42.0	70.6	112,700	42.0	70.6	108,600						
44.0	69.3	101,900	44.0	69.3	97,900						
46.0	68.1	91,200	46.0	68.1	87,200						
48.0	66.8	83,900	48.0	66.8	80,100						
50.0	65.5	76,700	50.0	65.5	73,000						
55.0	62.3	61,200	55.0	62.3	57,800						
60.0	58.9	49,000	60.0	58.9	45,700						
65.0	55.4	39,100	65.0	55.4	36,000						
70.0	51.7	31,100	70.0	51.7	28,000						
75.0	47.8	24,300	75.0	47.8	21,300						
78.7	44.7	19,800	78.7	44.7	16,900						
Reeves		8	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 P13 and P14.

LIFTING CAPACITY

Luffing Boom With Luffing Jib Lifting Capacity Unit: lbs											
Counterweight: 199,300 lbs, Carbody weight: 60,500 lbs											
110' Boom											
70 ft Jib			80 ft Jib			90 ft Jib			100 ft Jib		
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)
29.5	79.2	220,600 *	29.5	79.2	216,900 *	29.5	79.2	212,900 *	29.5	79.2	210,300 *
30.0	79.0	219,200 *	30.0	79.0	215,500 *	30.0	79.0	211,500 *	30.0	79.0	208,900 *
32.0	77.9	213,000 *	32.0	77.9	209,400 *	32.0	77.9	205,600 *	32.0	77.9	203,100 *
34.0	76.8	202,100	34.0	76.8	198,600	34.0	76.8	194,900	34.0	76.8	192,600
36.0	75.7	188,100	36.0	75.7	184,700	36.0	75.7	181,000	36.0	75.7	178,800
38.0	74.6	174,000	38.0	74.6	170,700	38.0	74.6	167,100	38.0	74.6	165,000
40.0	73.5	160,700	40.0	73.5	157,400	40.0	73.5	154,000	40.0	73.5	152,000
42.0	72.4	149,000	42.0	72.4	145,800	42.0	72.4	142,500	42.0	72.4	140,500
44.0	71.3	137,300	44.0	71.3	134,200	44.0	71.3	131,000	44.0	71.3	129,000
46.0	70.2	125,800	46.0	70.2	122,700	46.0	70.2	119,600	46.0	70.2	117,600
48.0	69.1	118,000	48.0	69.1	114,900	48.0	69.1	111,900	48.0	69.1	109,900
50.0	67.9	110,200	50.0	67.9	107,100	50.0	67.9	104,200	50.0	67.9	102,200
55.0	65.0	93,400	55.0	65.0	90,400	55.0	65.0	87,600	55.0	65.0	85,600
60.0	62.1	79,900	60.0	62.1	77,100	60.0	62.1	74,400	60.0	62.1	72,500
65.0	59.0	69,000	65.0	59.0	66,300	65.0	59.0	63,700	65.0	59.0	61,900
70.0	55.8	60,100	70.0	55.8	57,500	70.0	55.8	54,800	70.0	55.8	53,200
75.0	52.5	52,400	75.0	52.5	49,900	75.0	52.5	47,300	75.0	52.5	45,700
80.0	49.0	45,700	80.0	49.0	43,300	80.0	49.0	40,900	80.0	49.0	39,200
85.0	45.4	40,200	85.0	45.4	37,800	85.0	45.4	35,500	85.0	45.4	33,800
85.3	45.2	39,900	85.3	45.2	37,400	85.3	45.2	35,200	85.3	45.2	33,500
Reeves		8	Reeves		8	Reeves		8	Reeves		8
110' Boom											
110 ft Jib			120 ft Jib			130 ft Jib			140 ft Jib		
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)
29.5	79.2	206,100 *	29.5	79.2	202,100 *	29.5	79.2	199,200 *	29.5	79.2	195,900 *
30.0	79.0	204,700 *	30.0	79.0	200,800 *	30.0	79.0	198,000 *	30.0	79.0	194,700 *
32.0	77.9	199,100 *	32.0	77.9	195,300 *	32.0	77.9	192,600 *	32.0	77.9	189,500 *
34.0	76.8	188,700	34.0	76.8	185,000	34.0	76.8	182,400	34.0	76.8	179,300
36.0	75.7	174,900	36.0	75.7	171,400	36.0	75.7	168,900	36.0	75.7	165,900
38.0	74.6	161,200	38.0	74.6	157,800	38.0	74.6	155,400	38.0	74.6	152,500
40.0	73.5	148,300	40.0	73.5	145,000	40.0	73.5	142,600	40.0	73.5	139,700
42.0	72.4	136,900	42.0	72.4	133,700	42.0	72.4	131,300	42.0	72.4	128,500
44.0	71.3	125,600	44.0	71.3	122,400	44.0	71.3	120,000	44.0	71.3	117,300
46.0	70.2	114,300	46.0	70.2	111,200	46.0	70.2	108,800	46.0	70.2	106,200
48.0	69.1	106,700	48.0	69.1	103,600	48.0	69.1	101,300	48.0	69.1	98,700
50.0	67.9	99,000	50.0	67.9	96,100	50.0	67.9	93,800	50.0	67.9	91,300
55.0	65.0	82,600	55.0	65.0	79,800	55.0	65.0	77,600	55.0	65.0	75,300
60.0	62.1	69,600	60.0	62.1	66,800	60.0	62.1	64,800	60.0	62.1	62,600
65.0	59.0	59,000	65.0	59.0	56,300	65.0	59.0	54,400	65.0	59.0	52,200
70.0	55.8	50,300	70.0	55.8	47,800	70.0	55.8	45,900	70.0	55.8	43,800
75.0	52.5	43,000	75.0	52.5	40,600	75.0	52.5	38,600	75.0	52.5	36,600
80.0	49.0	36,700	80.0	49.0	34,300	80.0	49.0	32,300	80.0	49.0	30,400
85.0	45.4	31,400	85.0	45.4	28,900	85.0	45.4	27,000	85.0	45.4	25,200
85.3	45.2	31,000	85.3	45.2	28,600	85.3	45.2	26,600	85.3	45.2	24,900
Reeves		8	Reeves		8	Reeves		8	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 P13 and P14.

Luffing Boom With Luffing Jib Lifting Capacity

Unit: lbs

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

110' Boom											
150 ft Jib			160 ft Jib			170 ft Jib			180 ft Jib		
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)
29.5	79.2	191,100 *	29.5	79.2	188,900 *	29.5	79.2	186,700 *	29.5	79.2	182,900 *
30.0	79.0	189,900 *	30.0	79.0	187,700 *	30.0	79.0	185,500 *	30.0	79.0	181,800 *
32.0	77.9	184,800 *	32.0	77.9	182,700 *	32.0	77.9	180,700 *	32.0	77.9	177,100 *
34.0	76.8	174,800 *	34.0	76.8	172,900 *	34.0	76.8	170,900 *	34.0	76.8	167,400 *
36.0	75.7	161,600	36.0	75.7	159,700	36.0	75.7	157,700	36.0	75.7	154,400
38.0	74.6	148,300 *	38.0	74.6	146,500 *	38.0	74.6	144,600 *	38.0	74.6	141,400 *
40.0	73.5	135,800	40.0	73.5	134,000	40.0	73.5	132,100	40.0	73.5	129,000
42.0	72.4	124,600 *	42.0	72.4	122,900 *	42.0	72.4	121,000 *	42.0	72.4	118,000 *
44.0	71.3	113,500	44.0	71.3	111,800	44.0	71.3	110,000	44.0	71.3	107,100
46.0	70.2	102,400 *	46.0	70.2	100,900 *	46.0	70.2	99,100 *	46.0	70.2	96,300 *
48.0	69.1	95,000	48.0	69.1	93,500	48.0	69.1	91,700	48.0	69.1	88,900
50.0	67.9	87,600 *	50.0	67.9	86,100 *	50.0	67.9	84,300 *	50.0	67.9	81,600 *
55.0	65.0	71,800	55.0	65.0	70,200	55.0	65.0	68,600	55.0	65.0	66,000
60.0	62.1	59,100 *	60.0	62.1	57,600 *	60.0	62.1	56,000 *	60.0	62.1	53,600 *
65.0	59.0	48,800	65.0	59.0	47,500	65.0	59.0	45,900	65.0	59.0	43,500
70.0	55.8	40,600 *	70.0	55.8	40,200 *	70.0	55.8	37,600 *	70.0	55.8	35,400 *
75.0	52.5	33,600	75.0	52.5	33,600	75.0	52.5	30,500	75.0	52.5	28,300
80.0	49.0	27,500 *	80.0	49.0	27,500 *	80.0	49.0	24,500 *	80.0	49.0	22,300 *
85.0	45.4	22,300	85.0	45.4	22,300	85.0	45.4	19,400	85.0	45.4	17,400
85.3	45.2	22,000 *	85.3	45.2	22,000 *	85.3	45.2	19,100 *	85.3	45.2	17,100 *
Reeves	8		Reeves	8		Reeves	8		Reeves	8	

110' Boom					
190 ft Jib			200 ft Jib		
Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
29.5	79.2	177,900 *	29.5	79.2	173,000 *
30.0	79.0	176,800 *	30.0	79.0	172,000 *
32.0	77.9	172,200 *	32.0	77.9	167,500 *
34.0	76.8	162,700 *	34.0	76.8	158,200 *
36.0	75.7	149,800	36.0	75.7	145,500
38.0	74.6	136,900 *	38.0	74.6	132,800 *
40.0	73.5	124,600	40.0	73.5	120,700
42.0	72.4	113,800 *	42.0	72.4	109,900 *
44.0	71.3	103,000	44.0	71.3	99,200
46.0	70.2	92,300 *	46.0	70.2	88,500 *
48.0	69.1	85,000	48.0	69.1	81,400
50.0	67.9	77,800 *	50.0	67.9	74,200 *
55.0	65.0	62,300	55.0	65.0	58,900
60.0	62.1	50,100 *	60.0	62.1	46,800 *
65.0	59.0	40,000	65.0	59.0	36,900
70.0	55.8	32,000 *	70.0	55.8	29,000 *
75.0	52.5	25,100	75.0	52.5	22,200
80.0	49.0	19,200 *	78.7	50.5	17,600 *
85.0	45.4	14,400			
85.3	45.2	14,100 *			
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 P13 and P14.

LIFTING CAPACITY

Luffing Boom With Luffing Jib Lifting Capacity											
											Unit: lbs
Counterweight: 199,300 lbs, Carbody weight: 60,500 lbs											
120' Boom											
70 ft Jib			80 ft Jib			90 ft Jib			100 ft Jib		
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)
32.8	78.5	206,100 *	32.8	78.5	202,600 *	32.8	78.5	199,900 *	32.8	78.5	196,600 *
34.0	77.9	198,500 *	34.0	77.9	195,000 *	34.0	77.9	192,400 *	34.0	77.9	189,200 *
36.0	76.9	185,700 *	36.0	76.9	182,300 *	36.0	76.9	179,700 *	36.0	76.9	176,700 *
38.0	76.0	172,900 *	38.0	76.0	169,600 *	38.0	76.0	167,100 *	38.0	76.0	164,200 *
40.0	75.0	160,500	40.0	75.0	157,200	40.0	75.0	154,800	40.0	75.0	152,000
42.0	74.0	148,800	42.0	74.0	145,700	42.0	74.0	143,300	42.0	74.0	140,500
44.0	72.9	137,100	44.0	72.9	134,100	44.0	72.9	131,700	44.0	72.9	129,000
46.0	71.9	125,600	46.0	71.9	122,700	46.0	71.9	120,300	46.0	71.9	117,600
48.0	70.9	117,800	48.0	70.9	114,900	48.0	70.9	112,500	48.0	70.9	110,000
50.0	69.9	110,000	50.0	69.9	107,100	50.0	69.9	104,800	50.0	69.9	102,300
55.0	67.3	93,200	55.0	67.3	90,400	55.0	67.3	88,300	55.0	67.3	85,900
60.0	64.6	79,700	60.0	64.6	77,000	60.0	64.6	75,000	60.0	64.6	72,700
65.0	61.9	68,800	65.0	61.9	66,100	65.0	61.9	64,100	65.0	61.9	61,900
70.0	59.1	59,900	70.0	59.1	57,300	70.0	59.1	55,400	70.0	59.1	53,200
75.0	56.2	52,200	75.0	56.2	49,600	75.0	56.2	47,900	75.0	56.2	45,700
80.0	53.2	45,500	80.0	53.2	43,100	80.0	53.2	41,300	80.0	53.2	39,200
85.0	50.1	40,000	85.0	50.1	37,500	85.0	50.1	35,800	85.0	50.1	33,800
90.0	46.7	35,100	90.0	46.7	32,800	90.0	46.7	31,000	90.0	46.7	29,000
95.0	43.2	30,900	95.0	43.2	28,700	95.0	43.2	27,000	95.0	43.2	25,000
98.4	40.7	28,400	98.4	40.7	26,200	98.4	40.7	24,400	98.4	40.7	22,400
Reeves		8	Reeves		8	Reeves		8	Reeves		8
120' Boom											
110 ft Jib			120 ft Jib			130 ft Jib			140 ft Jib		
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)
32.8	78.5	192,900 *	32.8	78.5	189,100 *	32.8	78.5	186,500 *	32.8	78.5	183,400 *
34.0	77.9	185,400 *	34.0	77.9	181,800 *	34.0	77.9	179,200 *	34.0	77.9	176,200 *
36.0	76.9	173,000 *	36.0	76.9	169,500 *	36.0	76.9	166,900 *	36.0	76.9	164,100 *
38.0	76.0	160,600 *	38.0	76.0	157,200 *	38.0	76.0	154,700 *	38.0	76.0	152,000 *
40.0	75.0	148,500	40.0	75.0	145,200	40.0	75.0	142,800	40.0	75.0	140,200
42.0	74.0	137,000	42.0	74.0	133,900	42.0	74.0	131,600	42.0	74.0	128,900
44.0	72.9	125,600	44.0	72.9	122,600	44.0	72.9	120,400	44.0	72.9	117,700
46.0	71.9	114,300	46.0	71.9	111,500	46.0	71.9	109,300	46.0	71.9	106,600
48.0	70.9	106,700	48.0	70.9	103,900	48.0	70.9	101,700	48.0	70.9	99,200
50.0	69.9	99,100	50.0	69.9	96,300	50.0	69.9	94,200	50.0	69.9	91,700
55.0	67.3	82,800	55.0	67.3	80,000	55.0	67.3	78,000	55.0	67.3	75,700
60.0	64.6	69,600	60.0	64.6	67,000	60.0	64.6	65,000	60.0	64.6	62,800
65.0	61.9	59,000	65.0	61.9	56,600	65.0	61.9	54,600	65.0	61.9	52,400
70.0	59.1	50,300	70.0	59.1	47,900	70.0	59.1	46,100	70.0	59.1	44,000
75.0	56.2	43,000	75.0	56.2	40,600	75.0	56.2	38,700	75.0	56.2	36,800
80.0	53.2	36,700	80.0	53.2	34,300	80.0	53.2	32,400	80.0	53.2	30,600
85.0	50.1	31,100	85.0	50.1	28,900	85.0	50.1	27,200	85.0	50.1	25,200
90.0	46.7	26,600	90.0	46.7	24,300	90.0	46.7	22,600	90.0	46.7	20,800
95.0	43.2	22,600	95.0	43.2	20,400	95.0	43.2	18,700	95.0	43.2	16,900
98.4	40.7	20,200	98.4	40.7	18,000	98.4	40.7	16,300	98.4	40.7	14,500
Reeves		8	Reeves		8	Reeves		8	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 P13 and P14.

Luffing Boom With Luffing Jib Lifting Capacity

Unit: lbs

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

120' Boom											
150 ft Jib			160 ft Jib			170 ft Jib			180 ft Jib		
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)
32.8	78.5	179,000 *	32.8	78.5	177,000 *	32.8	78.5	175,000 *	32.8	78.5	171,700 *
34.0	77.9	171,800 *	34.0	77.9	169,900 *	34.0	77.9	167,900 *	34.0	77.9	164,700 *
36.0	76.9	159,900 *	36.0	76.9	158,000 *	36.0	76.9	156,100 *	36.0	76.9	152,900 *
38.0	76.0	147,900 *	38.0	76.0	146,100 *	38.0	76.0	144,300 *	38.0	76.0	141,200 *
40.0	75.0	136,200	40.0	75.0	134,500	40.0	75.0	132,700	40.0	75.0	129,700
42.0	74.0	125,100	42.0	74.0	123,500	42.0	74.0	121,700	42.0	74.0	118,700
44.0	72.9	114,100	44.0	72.9	112,400	44.0	72.9	110,700	44.0	72.9	107,800
46.0	71.9	103,100	46.0	71.9	101,500	46.0	71.9	99,800	46.0	71.9	96,900
48.0	70.9	95,600	48.0	70.9	94,100	48.0	70.9	92,400	48.0	70.9	89,600
50.0	69.9	88,200	50.0	69.9	86,600	50.0	69.9	85,000	50.0	69.9	82,300
55.0	67.3	72,200	55.0	67.3	70,800	55.0	67.3	69,200	55.0	67.3	66,700
60.0	64.6	59,500	60.0	64.6	58,200	60.0	64.6	56,700	60.0	64.6	54,300
65.0	61.9	49,300	65.0	61.9	48,000	65.0	61.9	46,400	65.0	61.9	44,200
70.0	59.1	40,900	70.0	59.1	39,600	70.0	59.1	38,100	70.0	59.1	35,900
75.0	56.2	33,800	75.0	56.2	32,500	75.0	56.2	31,000	75.0	56.2	28,800
80.0	53.2	27,700	80.0	53.2	26,400	80.0	53.2	24,900	80.0	53.2	22,900
85.0	50.1	22,500	85.0	50.1	21,200	85.0	50.1	19,900	85.0	50.1	17,700
90.0	46.7	18,100	90.0	46.7	17,700	90.0	46.7	15,500	85.3	49.9	17,400
95.0	43.2	14,400	95.0	43.2	14,400	91.8	45.5	13,800			
98.4	40.7	12,100	98.4	40.7	12,100						
Reeves		8	Reeves		6	Reeves		6	Reeves		6

120' Boom					
190 ft Jib			200 ft Jib		
Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
32.8	78.5	167,100 *	32.8	78.5	162,600 *
34.0	77.9	160,100 *	34.0	77.9	155,800 *
36.0	76.9	148,500 *	36.0	76.9	144,300 *
38.0	76.0	136,900 *	38.0	76.0	132,800 *
40.0	75.0	125,500	40.0	75.0	121,600
42.0	74.0	114,600	42.0	74.0	110,800
44.0	72.9	103,700	44.0	72.9	100,100
46.0	71.9	93,000	46.0	71.9	89,400
48.0	70.9	85,800	48.0	70.9	82,200
50.0	69.9	78,600	50.0	69.9	75,100
55.0	67.3	63,100	55.0	67.3	59,700
60.0	64.6	50,800	60.0	64.6	47,500
65.0	61.9	40,900	65.0	61.9	37,700
70.0	59.1	32,700	70.0	59.1	29,800
75.0	56.2	25,800	75.0	56.2	22,900
80.0	53.2	19,800	78.7	54.0	18,200
85.0	50.1	14,800			
85.3	49.9	14,500			
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 P13 and P14.

Luffing Boom With Luffing Jib Lifting Capacity

Unit: lbs

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

130' Boom											
150 ft Jib			160 ft Jib			170 ft Jib			180 ft Jib		
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)
32.8	79.4	164,900 *	32.8	79.4	160,200 *	32.8	79.4	156,300 *	32.8	79.4	152,300 *
34.0	78.9	159,900 *	34.0	78.9	155,800 *	34.0	78.9	152,200 *	34.0	78.9	148,400 *
36.0	78.0	151,600 *	36.0	78.0	148,300 *	36.0	78.0	145,400 *	36.0	78.0	142,000 *
38.0	77.1	143,200 *	38.0	77.1	140,900 *	38.0	77.1	138,600 *	38.0	77.1	135,500 *
40.0	76.2	134,300	40.0	76.2	132,500	40.0	76.2	130,800	40.0	76.2	127,900
42.0	75.2	123,900	42.0	75.2	122,200	42.0	75.2	120,600	42.0	75.2	117,800
44.0	74.3	113,600	44.0	74.3	112,000	44.0	74.3	110,300	44.0	74.3	107,600
46.0	73.4	103,300	46.0	73.4	101,800	46.0	73.4	100,200	46.0	73.4	97,600
48.0	72.5	95,900	48.0	72.5	94,400	48.0	72.5	92,800	48.0	72.5	90,300
50.0	71.5	88,500	50.0	71.5	87,000	50.0	71.5	85,400	50.0	71.5	82,900
55.0	69.1	72,700	55.0	69.1	71,200	55.0	69.1	69,700	55.0	69.1	67,200
60.0	66.7	60,000	60.0	66.7	58,600	60.0	66.7	57,100	60.0	66.7	54,700
65.0	64.3	49,700	65.0	64.3	48,400	65.0	64.3	46,800	65.0	64.3	44,600
70.0	61.8	41,400	70.0	61.8	40,100	70.0	61.8	38,500	70.0	61.8	36,500
75.0	59.2	34,200	75.0	59.2	32,800	75.0	59.2	31,400	75.0	59.2	29,400
80.0	56.5	27,900	80.0	56.5	26,600	80.0	56.5	25,300	80.0	56.5	23,300
85.0	53.8	22,500	85.0	53.8	21,200	85.0	53.8	19,900	85.0	53.8	17,900
90.0	50.9	18,100	90.0	50.9	16,900	90.0	50.9	15,600	90.0	50.9	13,600
95.0	47.9	14,300	95.0	47.9	13,700	91.8	49.8	14,100	91.8	49.8	12,100
98.4	45.8	11,900	98.4	45.8	11,900						
Reeves	6		Reeves	6		Reeves	6		Reeves	6	

130' Boom											
190 ft Jib			200 ft Jib								
Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)						
32.8	79.4	147,900 *	32.8	79.4	143,200 *						
34.0	78.9	144,100 *	34.0	78.9	139,600 *						
36.0	78.0	137,700 *	36.0	78.0	133,400 *						
38.0	77.1	131,300 *	38.0	77.1	127,200 *						
40.0	76.2	123,800	40.0	76.2	119,800						
42.0	75.2	113,700	42.0	75.2	109,900						
44.0	74.3	103,600	44.0	74.3	99,900						
46.0	73.4	93,600	46.0	73.4	90,100						
48.0	72.5	86,400	48.0	72.5	83,000						
50.0	71.5	79,200	50.0	71.5	75,800						
55.0	69.1	63,800	55.0	69.1	60,600						
60.0	66.7	51,400	60.0	66.7	48,300						
65.0	64.3	41,300	65.0	64.3	38,400						
70.0	61.8	33,300	70.0	61.8	30,400						
75.0	59.2	26,300	75.0	59.2	23,600						
80.0	56.5	20,200	78.7	57.2	18,900						
85.0	53.8	15,000									
85.3	53.6	14,700									
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 P13 and P14.

LIFTING CAPACITY

Luffing Boom With Luffing Jib Lifting Capacity											
Unit: lbs											
Counterweight: 199,300 lbs, Carbody weight: 60,500 lbs											
140' Boom											
70 ft Jib			80 ft Jib			90 ft Jib			100 ft Jib		
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)
39.3	77.4	157,800 *	39.3	77.4	154,700 *	39.3	77.4	151,600 *	39.3	77.4	148,800 *
40.0	77.2	154,800	40.0	77.2	151,700	40.0	77.2	148,600	40.0	77.2	145,800
42.0	76.3	145,200	42.0	76.3	142,200	42.0	76.3	139,200	42.0	76.3	136,400
44.0	75.5	135,600	44.0	75.5	132,600	44.0	75.5	129,700	44.0	75.5	127,000
46.0	74.6	126,000	46.0	74.6	123,100	46.0	74.6	120,300	46.0	74.6	117,600
48.0	73.8	118,200	48.0	73.8	115,300	48.0	73.8	112,500	48.0	73.8	110,000
50.0	72.9	110,400	50.0	72.9	107,600	50.0	72.9	104,800	50.0	72.9	102,300
55.0	70.7	93,500	55.0	70.7	90,800	55.0	70.7	88,200	55.0	70.7	85,800
60.0	68.5	79,900	60.0	68.5	77,400	60.0	68.5	74,800	60.0	68.5	72,400
65.0	66.3	68,800	65.0	66.3	66,400	65.0	66.3	63,900	65.0	66.3	61,700
70.0	64.0	59,600	70.0	64.0	57,300	70.0	64.0	54,900	70.0	64.0	52,700
75.0	61.6	51,800	75.0	61.6	49,500	75.0	61.6	47,200	75.0	61.6	45,100
80.0	59.2	45,200	80.0	59.2	42,900	80.0	59.2	40,700	80.0	59.2	38,700
85.0	56.8	39,500	85.0	56.8	37,300	85.0	56.8	35,100	85.0	56.8	33,100
90.0	54.2	34,600	90.0	54.2	32,400	90.0	54.2	30,200	90.0	54.2	28,400
95.0	51.6	30,300	95.0	51.6	28,200	95.0	51.6	26,000	95.0	51.6	24,200
100.0	48.9	26,400	100.0	48.9	24,500	100.0	48.9	22,300	100.0	48.9	20,500
110.0	43.0	20,100	110.0	43.0	18,100	110.0	43.0	16,100	110.0	43.0	14,300
111.5	42.0	19,100	111.5	42.0	17,100	111.5	42.0	15,200	111.5	42.0	13,400
Reeves		6	Reeves		6	Reeves		6	Reeves		6
140' Boom											
110 ft Jib			120 ft Jib			130 ft Jib			140 ft Jib		
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)
39.3	77.4	146,600 *	39.3	77.4	143,500 *	39.3	77.4	139,900 *	39.3	77.4	137,300 *
40.0	77.2	143,600	40.0	77.2	140,500	40.0	77.2	137,000	40.0	77.2	134,400
42.0	76.3	134,300	42.0	76.3	131,300	42.0	76.3	127,800	42.0	76.3	125,300
44.0	75.5	124,900	44.0	75.5	122,000	44.0	75.5	118,600	44.0	75.5	116,100
46.0	74.6	115,600	46.0	74.6	112,800	46.0	74.6	109,500	46.0	74.6	107,100
48.0	73.8	108,000	48.0	73.8	105,200	48.0	73.8	102,000	48.0	73.8	99,600
50.0	72.9	100,300	50.0	72.9	97,600	50.0	72.9	94,400	50.0	72.9	92,100
55.0	70.7	83,900	55.0	70.7	81,300	55.0	70.7	78,300	55.0	70.7	76,100
60.0	68.5	70,600	60.0	68.5	68,200	60.0	68.5	65,400	60.0	68.5	63,200
65.0	66.3	59,700	65.0	66.3	57,300	65.0	66.3	54,600	65.0	66.3	52,600
70.0	64.0	50,900	70.0	64.0	48,600	70.0	64.0	45,900	70.0	64.0	44,000
75.0	61.6	43,300	75.0	61.6	41,100	75.0	61.6	38,500	75.0	61.6	36,600
80.0	59.2	36,900	80.0	59.2	34,700	80.0	59.2	32,100	80.0	59.2	30,300
85.0	56.8	31,400	85.0	56.8	29,200	85.0	56.8	26,700	85.0	56.8	25,000
90.0	54.2	26,600	90.0	54.2	24,600	90.0	54.2	22,100	90.0	54.2	20,400
95.0	51.6	22,400	95.0	51.6	20,500	95.0	51.6	18,100	95.0	51.6	16,400
100.0	48.9	18,800	100.0	48.9	16,800	100.0	48.9	14,600	98.4	49.8	13,800
110.0	43.0	12,700	104.9	46.0	13,600	104.9	46.0	11,400			
111.5	42.0	11,900									
Reeves		6	Reeves		6	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 P13 and P14.

Luffing Boom With Luffing Jib Lifting Capacity

Unit: lbs

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

140' Boom											
150 ft Jib			160 ft Jib			170 ft Jib			180 ft Jib		
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)
39.3	77.4	133,500 *	39.3	77.4	132,000 *	39.3	77.4	130,200 *	39.3	77.4	127,200 *
40.0	77.2	130,700	40.0	77.2	129,200	40.0	77.2	127,400	40.0	77.2	124,400
42.0	76.3	121,600	42.0	76.3	120,200	42.0	76.3	118,500	42.0	76.3	115,500
44.0	75.5	112,500	44.0	75.5	111,200	44.0	75.5	109,600	44.0	75.5	106,600
46.0	74.6	103,500	46.0	74.6	102,200	46.0	74.6	100,700	46.0	74.6	97,800
48.0	73.8	96,100	48.0	73.8	94,800	48.0	73.8	93,300	48.0	73.8	90,500
50.0	72.9	88,800	50.0	72.9	87,400	50.0	72.9	85,900	50.0	72.9	83,300
55.0	70.7	72,900	55.0	70.7	71,600	55.0	70.7	70,100	55.0	70.7	67,700
60.0	68.5	60,200	60.0	68.5	58,800	60.0	68.5	57,500	60.0	68.5	55,100
65.0	66.3	49,700	65.0	66.3	48,400	65.0	66.3	47,100	65.0	66.3	44,900
70.0	64.0	41,100	70.0	64.0	39,900	70.0	64.0	38,600	70.0	64.0	36,400
75.0	61.6	33,800	75.0	61.6	32,600	75.0	61.6	31,300	75.0	61.6	29,200
80.0	59.2	27,700	80.0	59.2	26,400	80.0	59.2	25,100	80.0	59.2	23,100
85.0	56.8	22,300	85.0	56.8	21,200	85.0	56.8	19,900	85.0	56.8	17,900
90.0	54.2	17,900	90.0	54.2	16,800	90.0	54.2	15,500	90.0	54.2	13,500
95.0	51.6	13,900	95.0	51.6	13,400	91.8	53.3	13,800	91.8	53.3	11,900
98.4	49.8	11,400	98.4	49.8	11,400						
Reeves		6	Reeves		6	Reeves		6	Reeves		6

140' Boom											
190 ft Jib			200 ft Jib								
Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)						
39.3	77.4	123,200 *	39.3	77.4	119,400 *						
40.0	77.2	120,400	40.0	77.2	116,700						
42.0	76.3	111,700	42.0	76.3	108,000						
44.0	75.5	103,000	44.0	75.5	99,400						
46.0	74.6	94,300	46.0	74.6	90,800						
48.0	73.8	87,000	48.0	73.8	83,600						
50.0	72.9	79,800	50.0	72.9	76,400						
55.0	70.7	64,200	55.0	70.7	61,000						
60.0	68.5	51,800	60.0	68.5	48,800						
65.0	66.3	41,600	65.0	66.3	38,700						
70.0	64.0	33,400	70.0	64.0	30,500						
75.0	61.6	26,300	75.0	61.6	23,600						
80.0	59.2	20,300	78.7	59.9	18,900						
85.0	56.8	15,200									
85.3	56.6	14,900									
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 P13 and P14.

LIFTING CAPACITY

Luffing Boom With Luffing Jib Lifting Capacity											
											Unit: lbs
Counterweight: 199,300 lbs, Carbody weight: 60,500 lbs											
150' Boom											
70 ft Jib			80 ft Jib			90 ft Jib			100 ft Jib		
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)
39.3	78.3	144,400 *	39.3	78.3	141,500 *	39.3	78.3	139,700 *	39.3	78.3	136,600 *
40.0	78.0	142,600	40.0	78.0	139,700	40.0	78.0	137,900	40.0	78.0	134,900
42.0	77.3	137,100	42.0	77.3	134,200	42.0	77.3	132,000	42.0	77.3	129,600
44.0	76.5	131,600	44.0	76.5	128,700	44.0	76.5	126,200	44.0	76.5	124,200
46.0	75.7	126,000	46.0	75.7	123,100	46.0	75.7	120,300	46.0	75.7	118,700
48.0	74.9	118,100	48.0	74.9	115,300	48.0	74.9	112,500	48.0	74.9	111,000
50.0	74.1	110,300	50.0	74.1	107,600	50.0	74.1	104,800	50.0	74.1	103,300
55.0	72.1	93,400	55.0	72.1	90,800	55.0	72.1	88,200	55.0	72.1	86,700
60.0	70.0	79,800	60.0	70.0	77,200	60.0	70.0	74,800	60.0	70.0	73,300
65.0	68.0	68,600	65.0	68.0	66,100	65.0	68.0	63,700	65.0	68.0	62,400
70.0	65.8	59,500	70.0	65.8	57,100	70.0	65.8	54,800	70.0	65.8	53,400
75.0	63.7	51,700	75.0	63.7	49,400	75.0	63.7	47,100	75.0	63.7	45,800
80.0	61.5	45,000	80.0	61.5	42,800	80.0	61.5	40,400	80.0	61.5	39,300
85.0	59.3	39,300	85.0	59.3	37,100	85.0	59.3	34,900	85.0	59.3	33,600
90.0	57.0	34,400	90.0	57.0	32,300	90.0	57.0	30,100	90.0	57.0	28,800
95.0	54.6	30,000	95.0	54.6	28,100	95.0	54.6	25,900	95.0	54.6	24,600
100.0	52.2	26,200	100.0	52.2	24,200	100.0	52.2	22,100	100.0	52.2	20,900
110.0	47.1	19,800	110.0	47.1	17,900	110.0	47.1	15,900	110.0	47.1	14,700
118.1	42.5	15,400	118.1	42.5	13,600	118.1	42.5	11,600	111.5	46.2	13,800
Reeves			Reeves			Reeves			Reeves		
6			6			6			6		
150' Boom											
110 ft Jib			120 ft Jib			130 ft Jib			140 ft Jib		
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)
39.3	78.3	134,200 *	39.3	78.3	130,700 *	39.3	78.3	127,400 *	39.3	78.3	124,300 *
40.0	78.0	132,500	40.0	78.0	129,000	40.0	78.0	125,700	40.0	78.0	122,700
42.0	77.3	126,900	42.0	77.3	123,600	42.0	77.3	120,400	42.0	77.3	117,600
44.0	76.5	121,300	44.0	76.5	118,200	44.0	76.5	115,100	44.0	76.5	112,500
46.0	75.7	115,600	46.0	75.7	112,800	46.0	75.7	109,700	46.0	75.7	107,300
48.0	74.9	108,000	48.0	74.9	105,200	48.0	74.9	102,200	48.0	74.9	99,800
50.0	74.1	100,300	50.0	74.1	97,600	50.0	74.1	94,700	50.0	74.1	92,400
55.0	72.1	83,900	55.0	72.1	81,300	55.0	72.1	78,400	55.0	72.1	76,300
60.0	70.0	70,600	60.0	70.0	68,200	60.0	70.0	65,400	60.0	70.0	63,400
65.0	68.0	59,700	65.0	68.0	57,500	65.0	68.0	54,800	65.0	68.0	52,800
70.0	65.8	50,900	70.0	65.8	48,700	70.0	65.8	46,200	70.0	65.8	44,200
75.0	63.7	43,300	75.0	63.7	41,100	75.0	63.7	38,700	75.0	63.7	36,800
80.0	61.5	36,900	80.0	61.5	34,700	80.0	61.5	32,300	80.0	61.5	30,600
85.0	59.3	31,400	85.0	59.3	29,200	85.0	59.3	27,000	85.0	59.3	25,200
90.0	57.0	26,600	90.0	57.0	24,600	90.0	57.0	22,200	90.0	57.0	20,600
95.0	54.6	22,400	95.0	54.6	20,500	95.0	54.6	18,100	95.0	54.6	16,500
100.0	52.2	18,700	100.0	52.2	16,800	100.0	52.2	14,600	98.4	53.0	13,800
110.0	47.1	12,500	104.9	49.7	13,600	104.9	49.7	11,400			
Reeves			Reeves			Reeves			Reeves		
6			6			6			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 P13 and P14.

Luffing Boom With Luffing Jib Lifting Capacity Unit: lbs											
Counterweight: 199,300 lbs, Carbody weight: 60,500 lbs											
150' Boom											
150 ft Jib			160 ft Jib			170 ft Jib			180 ft Jib		
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)
39.3	78.3	123,000 *	39.3	78.3	119,200 *	39.3	78.3	117,200 *	39.3	78.3	114,400 *
40.0	78.0	121,100	40.0	78.0	117,600	40.0	78.0	115,700	40.0	78.0	112,800
42.0	77.3	115,400	42.0	77.3	112,600	42.0	77.3	110,800	42.0	77.3	108,000
44.0	76.5	109,600	44.0	76.5	107,600	44.0	76.5	105,900	44.0	76.5	103,200
46.0	75.7	103,800	46.0	75.7	102,400	46.0	75.7	100,900	46.0	75.7	98,200
48.0	74.9	96,400	48.0	74.9	95,000	48.0	74.9	93,600	48.0	74.9	91,000
50.0	74.1	89,000	50.0	74.1	87,600	50.0	74.1	86,200	50.0	74.1	83,700
55.0	72.1	73,100	55.0	72.1	71,800	55.0	72.1	70,500	55.0	72.1	68,100
60.0	70.0	60,400	60.0	70.0	59,000	60.0	70.0	57,700	60.0	70.0	55,500
65.0	68.0	50,000	65.0	68.0	48,600	65.0	68.0	47,300	65.0	68.0	45,100
70.0	65.8	41,300	70.0	65.8	40,100	70.0	65.8	38,800	70.0	65.8	36,800
75.0	63.7	34,000	75.0	63.7	32,800	75.0	63.7	31,600	75.0	63.7	29,600
80.0	61.5	27,700	80.0	61.5	26,600	80.0	61.5	25,500	80.0	61.5	23,500
85.0	59.3	22,500	85.0	59.3	21,400	85.0	59.3	20,100	85.0	59.3	18,300
90.0	57.0	18,000	90.0	57.0	16,900	90.0	57.0	15,700	90.0	57.0	13,800
95.0	54.6	13,900	95.0	54.6	13,400	91.8	56.1	14,100	91.8	56.1	12,100
98.4	53.0	11,400	98.4	53.0	11,400						
Reeves	6		Reeves	6		Reeves	4		Reeves	4	
150' Boom											
190 ft Jib			200 ft Jib								
Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)						
39.3	78.3	110,400 *	39.3	78.3	106,700 *						
40.0	78.0	108,900	40.0	78.0	105,200						
42.0	77.3	104,200	42.0	77.3	100,600						
44.0	76.5	99,500	44.0	76.5	95,900						
46.0	75.7	94,700	46.0	75.7	91,200						
48.0	74.9	87,500	48.0	74.9	84,100						
50.0	74.1	80,200	50.0	74.1	77,000						
55.0	72.1	64,700	55.0	72.1	61,600						
60.0	70.0	52,200	60.0	70.0	49,200						
65.0	68.0	42,000	65.0	68.0	39,100						
70.0	65.8	33,700	70.0	65.8	30,900						
75.0	63.7	26,600	75.0	63.7	24,000						
80.0	61.5	20,700	78.7	62.1	19,400						
85.0	59.3	15,500									
85.3	59.2	15,200									
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 P13 and P14.

LIFTING CAPACITY

Luffing Boom With Luffing Jib Lifting Capacity											
Unit: lbs											
Counterweight: 199,300 lbs, Carbody weight: 60,500 lbs											
160' Boom											
70 ft Jib			80 ft Jib			90 ft Jib			100 ft Jib		
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)
39.3	79.0	144,100 *	39.3	79.0	141,900 *	39.3	79.0	139,300 *	39.3	79.0	136,000 *
40.0	78.8	142,100	40.0	78.8	139,800	40.0	78.8	137,200	40.0	78.8	134,000
42.0	78.1	135,600	42.0	78.1	133,200	42.0	78.1	130,800	42.0	78.1	127,800
44.0	77.3	129,200	44.0	77.3	126,500	44.0	77.3	124,300	44.0	77.3	121,700
46.0	76.6	122,700	46.0	76.6	119,900	46.0	76.6	117,900	46.0	76.6	115,500
48.0	75.8	115,800	48.0	75.8	113,000	48.0	75.8	111,100	48.0	75.8	108,700
50.0	75.1	108,900	50.0	75.1	106,200	50.0	75.1	104,300	50.0	75.1	101,900
55.0	73.2	93,200	55.0	73.2	90,500	55.0	73.2	88,900	55.0	73.2	86,500
60.0	71.3	79,600	60.0	71.3	77,000	60.0	71.3	75,500	60.0	71.3	73,300
65.0	69.4	68,400	65.0	69.4	66,100	65.0	69.4	64,400	65.0	69.4	62,400
70.0	67.5	59,300	70.0	67.5	57,000	70.0	67.5	55,300	70.0	67.5	53,400
75.0	65.5	51,500	75.0	65.5	49,200	75.0	65.5	47,700	75.0	65.5	45,700
80.0	63.5	44,800	80.0	63.5	42,600	80.0	63.5	41,100	80.0	63.5	39,100
85.0	61.4	39,100	85.0	61.4	36,900	85.0	61.4	35,300	85.0	61.4	33,600
90.0	59.3	34,200	90.0	59.3	32,000	90.0	59.3	30,600	90.0	59.3	28,700
95.0	57.2	29,800	95.0	57.2	27,700	95.0	57.2	26,300	95.0	57.2	24,400
100.0	55.0	26,000	100.0	55.0	24,000	100.0	55.0	22,400	100.0	55.0	20,700
110.0	50.4	19,400	110.0	50.4	17,400	110.0	50.4	15,900	110.0	50.4	14,300
120.0	45.4	14,300	118.1	46.4	13,200	118.1	46.4	11,900	111.5	49.7	13,400
124.6	43.0	12,100									
Reeves		6	Reeves		6	Reeves		6	Reeves		6
160' Boom											
110 ft Jib			120 ft Jib			130 ft Jib			140 ft Jib		
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)
39.3	79.0	134,000 *	39.3	79.0	130,500 *	39.3	79.0	127,400 *	39.3	79.0	123,600 *
40.0	78.8	132,000	40.0	78.8	128,500	40.0	78.8	125,400	40.0	78.8	121,800
42.0	78.1	125,500	42.0	78.1	122,200	42.0	78.1	119,200	42.0	78.1	115,900
44.0	77.3	119,100	44.0	77.3	116,000	44.0	77.3	112,900	44.0	77.3	110,100
46.0	76.6	112,600	46.0	76.6	109,700	46.0	76.6	106,600	46.0	76.6	104,200
48.0	75.8	105,900	48.0	75.8	103,100	48.0	75.8	100,100	48.0	75.8	97,700
50.0	75.1	99,200	50.0	75.1	96,400	50.0	75.1	93,500	50.0	75.1	91,200
55.0	73.2	83,900	55.0	73.2	81,300	55.0	73.2	78,400	55.0	73.2	76,300
60.0	71.3	70,600	60.0	71.3	68,200	60.0	71.3	65,400	60.0	71.3	63,400
65.0	69.4	59,700	65.0	69.4	57,500	65.0	69.4	54,800	65.0	69.4	52,800
70.0	67.5	50,900	70.0	67.5	48,700	70.0	67.5	46,200	70.0	67.5	44,200
75.0	65.5	43,200	75.0	65.5	41,100	75.0	65.5	38,700	75.0	65.5	36,800
80.0	63.5	36,700	80.0	63.5	34,700	80.0	63.5	32,300	80.0	63.5	30,600
85.0	61.4	31,100	85.0	61.4	29,200	85.0	61.4	27,000	85.0	61.4	25,200
90.0	59.3	26,400	90.0	59.3	24,400	90.0	59.3	22,200	90.0	59.3	20,600
95.0	57.2	22,200	95.0	57.2	20,200	95.0	57.2	18,000	95.0	57.2	16,500
100.0	55.0	18,500	100.0	55.0	16,500	100.0	55.0	14,400	98.4	55.7	13,800
110.0	50.4	12,100	104.9	52.7	13,200	104.9	52.7	11,200			
111.5	49.7	11,200									
Reeves		6	Reeves		6	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 P13 and P14.

Luffing Boom With Luffing Jib Lifting Capacity											
										Unit: lbs	
Counterweight: 199,300 lbs, Carbody weight: 60,500 lbs											
160' Boom											
150 ft Jib			160 ft Jib			170 ft Jib			180 ft Jib		
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)
39.3	79.0	123,000 *	39.3	79.0	119,000 *	39.3	79.0	115,700 *	39.3	79.0	111,500 *
40.0	78.8	121,100	40.0	78.8	117,300	40.0	78.8	114,000	40.0	78.8	110,000
42.0	78.1	115,000	42.0	78.1	112,100	42.0	78.1	108,700	42.0	78.1	105,100
44.0	77.3	109,000	44.0	77.3	106,900	44.0	77.3	103,400	44.0	77.3	100,300
46.0	76.6	102,900	46.0	76.6	101,600	46.0	76.6	98,100	46.0	76.6	95,400
48.0	75.8	96,500	48.0	75.8	95,100	48.0	75.8	91,700	48.0	75.8	89,100
50.0	75.1	90,000	50.0	75.1	88,700	50.0	75.1	85,300	50.0	75.1	82,800
55.0	73.2	75,200	55.0	73.2	73,900	55.0	73.2	70,700	55.0	73.2	68,300
60.0	71.3	62,300	60.0	71.3	61,000	60.0	71.3	57,900	60.0	71.3	55,700
65.0	69.4	51,700	65.0	69.4	50,600	65.0	69.4	47,500	65.0	69.4	45,300
70.0	67.5	43,100	70.0	67.5	42,000	70.0	67.5	39,000	70.0	67.5	37,000
75.0	65.5	36,200	75.0	65.5	34,600	75.0	65.5	31,700	75.0	65.5	29,800
80.0	63.5	30,600	80.0	63.5	28,400	80.0	63.5	25,500	80.0	63.5	23,500
85.0	61.4	25,200	85.0	61.4	23,000	85.0	61.4	20,300	85.0	61.4	18,300
90.0	59.3	20,600	90.0	59.3	18,400	90.0	59.3	15,700	90.0	59.3	13,900
95.0	57.2	16,500	95.0	57.2	14,400	91.8	58.5	14,100	91.8	58.5	12,300
98.4	55.7	13,800	98.4	55.7	11,900						
Reeves		6	Reeves		6	Reeves		4	Reeves		4
160' Boom											
190 ft Jib			200 ft Jib								
Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)						
39.3	79.0	108,600 *	39.3	79.0	104,200 *						
40.0	78.8	107,000	40.0	78.8	102,700						
42.0	78.1	102,000	42.0	78.1	98,000						
44.0	77.3	97,000	44.0	77.3	93,300						
46.0	76.6	91,900	46.0	76.6	88,600						
48.0	75.8	85,600	48.0	75.8	82,300						
50.0	75.1	79,300	50.0	75.1	76,100						
55.0	73.2	64,900	55.0	73.2	61,900						
60.0	71.3	52,500	60.0	71.3	49,600						
65.0	69.4	42,400	65.0	69.4	39,600						
70.0	67.5	34,100	70.0	67.5	31,200						
75.0	65.5	27,000	75.0	65.5	24,200						
80.0	63.5	20,900	78.7	64.0	19,600						
85.0	61.4	15,700									
85.3	61.3	15,400									
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 P13 and P14.

LIFTING CAPACITY

Luffing Boom With Luffing Jib Lifting Capacity											
											Unit: lbs
Counterweight: 199,300 lbs, Carbody weight: 60,500 lbs											
170' Boom											
70 ft Jib			80 ft Jib			90 ft Jib			100 ft Jib		
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)
39.3	79.7	144,800 *	39.3	79.7	141,700 *	39.3	79.7	139,100 *	39.3	79.7	136,000 *
40.0	79.5	141,900 *	40.0	79.5	138,900 *	40.0	79.5	136,300 *	40.0	79.5	133,200 *
42.0	78.8	132,700 *	42.0	78.8	130,000 *	42.0	78.8	127,400 *	42.0	78.8	124,600 *
44.0	78.1	123,500 *	44.0	78.1	121,200 *	44.0	78.1	118,500 *	44.0	78.1	115,900 *
46.0	77.4	114,400	46.0	77.4	112,500	46.0	77.4	109,800	46.0	77.4	107,400
48.0	76.7	109,900	48.0	76.7	108,000	48.0	76.7	105,400	48.0	76.7	103,000
50.0	76.0	105,400	50.0	76.0	103,600	50.0	76.0	100,900	50.0	76.0	98,600
55.0	74.2	92,800	55.0	74.2	91,100	55.0	74.2	88,500	55.0	74.2	86,300
60.0	72.5	79,400	60.0	72.5	77,700	60.0	72.5	75,300	60.0	72.5	73,100
65.0	70.7	68,100	65.0	70.7	66,600	65.0	70.7	64,300	65.0	70.7	62,100
70.0	68.9	59,100	70.0	68.9	57,500	70.0	68.9	55,200	70.0	68.9	53,100
75.0	67.0	51,300	75.0	67.0	49,800	75.0	67.0	47,400	75.0	67.0	45,400
80.0	65.2	44,600	80.0	65.2	43,000	80.0	65.2	40,900	80.0	65.2	38,900
85.0	63.3	38,900	85.0	63.3	37,300	85.0	63.3	35,300	85.0	63.3	33,400
90.0	61.3	34,000	90.0	61.3	32,400	90.0	61.3	30,400	90.0	61.3	28,600
95.0	59.4	29,600	95.0	59.4	28,100	95.0	59.4	26,100	95.0	59.4	24,300
100.0	57.4	25,700	100.0	57.4	24,200	100.0	57.4	22,200	100.0	57.4	20,500
110.0	53.2	19,200	110.0	53.2	17,600	110.0	53.2	15,800	110.0	53.2	14,100
120.0	48.7	14,100	118.1	49.6	13,400	118.1	49.6	11,600	111.5	52.5	13,200
124.6	46.6	11,900									
Reeves	6		Reeves	6		Reeves	6		Reeves	6	
170' Boom											
110 ft Jib			120 ft Jib			130 ft Jib			140 ft Jib		
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)
39.3	79.7	133,800 *	39.3	79.7	130,200 *	39.3	79.7	127,200 *	39.3	79.7	125,400 *
40.0	79.5	131,000 *	40.0	79.5	127,500 *	40.0	79.5	124,400 *	40.0	79.5	122,800 *
42.0	78.8	122,000 *	42.0	78.8	118,800 *	42.0	78.8	115,800 *	42.0	78.8	114,600 *
44.0	78.1	113,100 *	44.0	78.1	110,200 *	44.0	78.1	107,100 *	44.0	78.1	106,400 *
46.0	77.4	104,300	46.0	77.4	101,700	46.0	77.4	98,600	46.0	77.4	98,400
48.0	76.7	100,000	48.0	76.7	97,400	48.0	76.7	94,400	48.0	76.7	94,200
50.0	76.0	95,700	50.0	76.0	93,200	50.0	76.0	90,200	50.0	76.0	90,000
55.0	74.2	83,500	55.0	74.2	81,200	55.0	74.2	78,300	55.0	74.2	78,100
60.0	72.5	70,400	60.0	72.5	68,200	60.0	72.5	65,400	60.0	72.5	65,200
65.0	70.7	59,700	65.0	70.7	57,300	65.0	70.7	54,800	65.0	70.7	54,600
70.0	68.9	50,900	70.0	68.9	48,600	70.0	68.9	46,000	70.0	68.9	45,900
75.0	67.0	43,200	75.0	67.0	41,000	75.0	67.0	38,600	75.0	67.0	38,500
80.0	65.2	36,700	80.0	65.2	34,500	80.0	65.2	32,300	80.0	65.2	32,100
85.0	63.3	31,100	85.0	63.3	29,200	85.0	63.3	26,700	85.0	63.3	26,700
90.0	61.3	26,400	90.0	61.3	24,400	90.0	61.3	22,100	90.0	61.3	22,000
95.0	59.4	22,200	95.0	59.4	20,200	95.0	59.4	18,000	95.0	59.4	17,900
100.0	57.4	18,500	100.0	57.4	16,500	100.0	57.4	14,300	100.0	57.4	14,300
110.0	53.2	12,100	104.9	55.3	13,200	104.9	55.3	11,000	104.9	55.3	11,000
111.5	52.5	11,200									
Reeves	6		Reeves	6		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 P13 and P14.

Luffing Boom With Luffing Jib Lifting Capacity

Unit: lbs

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

170' Boom											
150 ft Jib			160 ft Jib			170 ft Jib			180 ft Jib		
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)
39.3	79.7	123,000 *	39.3	79.7	119,200 *	39.3	79.7	115,700 *	39.3	79.7	111,700 *
40.0	79.5	120,400 *	40.0	79.5	116,800 *	40.0	79.5	113,300 *	40.0	79.5	109,400 *
42.0	78.8	112,500 *	42.0	78.8	109,100 *	42.0	78.8	105,500 *	42.0	78.8	102,100 *
44.0	78.1	104,500 *	44.0	78.1	101,300 *	44.0	78.1	97,800 *	44.0	78.1	94,800 *
46.0	77.4	96,600	46.0	77.4	93,700	46.0	77.4	90,200	46.0	77.4	87,600
48.0	76.7	92,400	48.0	76.7	89,600	48.0	76.7	86,200	48.0	76.7	83,700
50.0	76.0	88,300	50.0	76.0	85,500	50.0	76.0	82,100	50.0	76.0	79,800
55.0	74.2	76,400	55.0	74.2	73,800	55.0	74.2	70,600	55.0	74.2	68,400
60.0	72.5	63,600	60.0	72.5	61,200	60.0	72.5	58,200	60.0	72.5	56,000
65.0	70.7	53,100	65.0	70.7	50,600	65.0	70.7	47,800	65.0	70.7	45,500
70.0	68.9	44,400	70.0	68.9	42,000	70.0	68.9	39,300	70.0	68.9	37,200
75.0	67.0	36,900	75.0	67.0	34,600	75.0	67.0	32,000	75.0	67.0	30,000
80.0	65.2	30,600	80.0	65.2	28,400	80.0	65.2	25,800	80.0	65.2	23,800
85.0	63.3	25,200	85.0	63.3	23,000	85.0	63.3	20,500	85.0	63.3	18,600
90.0	61.3	20,600	90.0	61.3	18,400	90.0	61.3	16,000	90.0	61.3	14,100
95.0	59.4	16,500	95.0	59.4	14,400	91.8	60.6	14,300	91.8	60.6	12,500
98.4	58.0	13,800	98.4	58.0	11,900						
Reeves	6		Reeves	6		Reeves	4		Reeves	4	

170' Boom					
190 ft Jib			200 ft Jib		
Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
39.3	79.7	108,900 *	39.3	79.7	104,700 *
40.0	79.5	106,500 *	40.0	79.5	102,400 *
42.0	78.8	99,000 *	42.0	78.8	95,100 *
44.0	78.1	91,400 *	44.0	78.1	87,900 *
46.0	77.4	84,000	46.0	77.4	80,700
48.0	76.7	80,200	48.0	76.7	76,900
50.0	76.0	76,400	50.0	76.0	73,100
55.0	74.2	65,100	55.0	74.2	62,000
60.0	72.5	52,700	60.0	72.5	49,900
65.0	70.7	42,600	65.0	70.7	39,800
70.0	68.9	34,300	70.0	68.9	31,600
75.0	67.0	27,200	75.0	67.0	24,600
80.0	65.2	21,100	80.0	65.2	18,500
85.0	63.3	15,900	85.0	63.3	13,500
85.3	63.2	15,600	85.3	63.2	13,200
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 P13 and P14.

LIFTING CAPACITY

Luffing Boom With Luffing Jib Lifting Capacity Unit: lbs											
Counterweight: 199,300 lbs, Carbody weight: 60,500 lbs											
180' Boom											
70 ft Jib			80 ft Jib			90 ft Jib			100 ft Jib		
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)
45.9	78.1	112,800 *	45.9	78.1	110,200 *	45.9	78.1	107,500 *	45.9	78.1	105,100 *
46.0	78.1	112,700	46.0	78.1	110,000	46.0	78.1	107,400	46.0	78.1	105,000
48.0	77.5	108,100	48.0	77.5	105,500	48.0	77.5	102,900	48.0	77.5	100,500
50.0	76.8	103,500	50.0	76.8	101,000	50.0	76.8	98,500	50.0	76.8	96,100
55.0	75.1	91,700	55.0	75.1	89,300	55.0	75.1	86,800	55.0	75.1	84,600
60.0	73.5	79,600	60.0	73.5	77,200	60.0	73.5	74,800	60.0	73.5	72,800
65.0	71.8	68,400	65.0	71.8	66,100	65.0	71.8	63,900	65.0	71.8	61,700
70.0	70.1	59,300	70.0	70.1	57,100	70.0	70.1	54,900	70.0	70.1	52,800
75.0	68.4	51,500	75.0	68.4	49,300	75.0	68.4	47,100	75.0	68.4	45,200
80.0	66.6	44,800	80.0	66.6	42,600	80.0	66.6	40,400	80.0	66.6	38,600
85.0	64.9	38,900	85.0	64.9	36,700	85.0	64.9	34,700	85.0	64.9	32,700
90.0	63.1	34,000	90.0	63.1	31,900	90.0	63.1	29,900	90.0	63.1	28,100
95.0	61.3	29,500	95.0	61.3	27,500	95.0	61.3	25,500	95.0	61.3	23,800
100.0	59.4	25,500	100.0	59.4	23,500	100.0	59.4	21,500	100.0	59.4	19,800
110.0	55.6	19,000	110.0	55.6	17,000	110.0	55.6	15,000	110.0	55.6	13,500
120.0	51.5	13,600	118.1	52.3	12,700	118.1	52.3	10,800	111.5	55.0	12,500
124.6	49.6	11,400									
Reeves		4	Reeves		4	Reeves		4	Reeves		4
180' Boom											
110 ft Jib			120 ft Jib			130 ft Jib			140 ft Jib		
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)
45.9	78.1	102,200 *	45.9	78.1	99,600 *	45.9	78.1	98,300 *	45.9	78.1	96,100 *
46.0	78.1	102,100	46.0	78.1	99,500	46.0	78.1	98,100	46.0	78.1	95,900
48.0	77.5	97,700	48.0	77.5	95,200	48.0	77.5	93,900	48.0	77.5	91,700
50.0	76.8	93,400	50.0	76.8	90,800	50.0	76.8	89,700	50.0	76.8	87,500
55.0	75.1	81,900	55.0	75.1	79,500	55.0	75.1	78,500	55.0	75.1	76,400
60.0	73.5	70,200	60.0	73.5	67,800	60.0	73.5	66,900	60.0	73.5	65,000
65.0	71.8	59,300	65.0	71.8	57,100	65.0	71.8	56,200	65.0	71.8	54,400
70.0	70.1	50,400	70.0	70.1	48,200	70.0	70.1	47,300	70.0	70.1	45,600
75.0	68.4	42,800	75.0	68.4	40,700	75.0	68.4	39,800	75.0	68.4	38,000
80.0	66.6	36,200	80.0	66.6	34,200	80.0	66.6	33,400	80.0	66.6	31,600
85.0	64.9	30,500	85.0	64.9	28,500	85.0	64.9	27,800	85.0	64.9	26,100
90.0	63.1	25,900	90.0	63.1	23,900	90.0	63.1	23,200	90.0	63.1	21,600
95.0	61.3	21,700	95.0	61.3	19,700	95.0	61.3	19,000	95.0	61.3	17,500
100.0	59.4	17,800	100.0	59.4	15,900	100.0	59.4	15,200	98.4	60.0	14,700
104.9	57.5	14,300	104.9	57.5	12,500	104.9	57.5	11,900			
Reeves		4	Reeves		4	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 P13 and P14.

Luffing Boom With Luffing Jib Lifting Capacity

Unit: lbs

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

180' Boom											
150 ft Jib			160 ft Jib			170 ft Jib			180 ft Jib		
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)
45.9	78.1	94,500 *	45.9	78.1	91,700 *	45.9	78.1	88,100 *	45.9	78.1	85,700 *
46.0	78.1	94,400	46.0	78.1	91,500	46.0	78.1	88,000	46.0	78.1	85,600
48.0	77.5	90,100	48.0	77.5	87,400	48.0	77.5	84,000	48.0	77.5	81,500
50.0	76.8	85,900	50.0	76.8	83,200	50.0	76.8	79,900	50.0	76.8	77,500
55.0	75.1	74,800	55.0	75.1	72,300	55.0	75.1	69,200	55.0	75.1	66,800
60.0	73.5	63,400	60.0	73.5	61,000	60.0	73.5	57,900	60.0	73.5	55,800
65.0	71.8	52,800	65.0	71.8	50,400	65.0	71.8	47,500	65.0	71.8	45,500
70.0	70.1	44,200	70.0	70.1	41,900	70.0	70.1	39,000	70.0	70.1	37,000
75.0	68.4	36,700	75.0	68.4	34,500	75.0	68.4	31,700	75.0	68.4	29,900
80.0	66.6	30,300	80.0	66.6	28,100	80.0	66.6	25,500	80.0	66.6	23,700
85.0	64.9	24,800	85.0	64.9	22,800	85.0	64.9	20,100	85.0	64.9	18,400
90.0	63.1	20,300	90.0	63.1	18,200	90.0	63.1	15,700	90.0	63.1	13,900
95.0	61.3	16,200	95.0	61.3	14,100	91.8	62.4	14,100	91.8	62.4	12,300
98.4	60.0	13,400	98.4	60.0	11,400						
Reeves		4	Reeves		4	Reeves		4	Reeves		4

180' Boom											
190 ft Jib			200 ft Jib								
Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)						
45.9	78.1	82,200 *	45.9	78.1	78,900 *						
46.0	78.1	82,000	46.0	78.1	78,700						
48.0	77.5	78,100	48.0	77.5	74,800						
50.0	76.8	74,100	50.0	76.8	70,900						
55.0	75.1	63,600	55.0	75.1	60,600						
60.0	73.5	52,700	60.0	73.5	49,900						
65.0	71.8	42,400	65.0	71.8	39,800						
70.0	70.1	34,100	70.0	70.1	31,500						
75.0	68.4	27,000	75.0	68.4	24,400						
80.0	66.6	20,900	80.0	66.6	18,500						
85.0	64.9	15,700	85.0	64.9	13,300						
85.3	64.8	15,400	85.3	64.8	13,000						
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 P13 and P14.

LIFTING CAPACITY

Luffing Boom With Luffing Jib Lifting Capacity											
											Unit: lbs
Counterweight: 199,300 lbs, Carbody weight: 60,500 lbs											
190' Boom											
70 ft Jib			80 ft Jib			90 ft Jib			100 ft Jib		
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)
45.9	78.8	111,100 *	45.9	78.8	108,400 *	45.9	78.8	105,800 *	45.9	78.8	103,300 *
46.0	78.8	110,900 *	46.0	78.8	108,200 *	46.0	78.8	105,600 *	46.0	78.8	103,200 *
48.0	78.1	105,600 *	48.0	78.1	102,900 *	48.0	78.1	100,400 *	48.0	78.1	98,000 *
50.0	77.5	100,300 *	50.0	77.5	97,600 *	50.0	77.5	95,100 *	50.0	77.5	92,800 *
55.0	76.0	88,800	55.0	76.0	86,300	55.0	76.0	83,900	55.0	76.0	81,700
60.0	74.4	78,900	60.0	74.4	76,600	60.0	74.4	74,200	60.0	74.4	72,100
65.0	72.8	68,300	65.0	72.8	65,900	65.0	72.8	63,600	65.0	72.8	61,600
70.0	71.2	59,200	70.0	71.2	56,900	70.0	71.2	54,700	70.0	71.2	52,700
75.0	69.6	51,300	75.0	69.6	49,100	75.0	69.6	47,000	75.0	69.6	45,000
80.0	68.0	44,500	80.0	68.0	42,300	80.0	68.0	40,400	80.0	68.0	38,400
85.0	66.3	38,700	85.0	66.3	36,500	85.0	66.3	34,500	85.0	66.3	32,700
90.0	64.6	33,900	90.0	64.6	31,700	90.0	64.6	29,700	90.0	64.6	27,900
95.0	62.9	29,400	95.0	62.9	27,300	95.0	62.9	25,400	95.0	62.9	23,700
100.0	61.2	25,300	100.0	61.2	23,300	100.0	61.2	21,500	100.0	61.2	19,800
110.0	57.6	18,700	110.0	57.6	16,800	110.0	57.6	15,000	110.0	57.6	13,200
120.0	53.9	13,400	118.1	54.7	12,500	118.1	54.7	10,800	111.5	57.1	12,300
124.6	52.2	11,200									
Reeves			Reeves			Reeves			Reeves		
4			4			4			4		
190' Boom											
110 ft Jib			120 ft Jib			130 ft Jib			140 ft Jib		
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)
45.9	78.8	100,700 *	45.9	78.8	99,600 *	45.9	78.8	96,700 *	45.9	78.8	94,500 *
46.0	78.8	100,500 *	46.0	78.8	99,400 *	46.0	78.8	96,600 *	46.0	78.8	94,400 *
48.0	78.1	95,300 *	48.0	78.1	94,300 *	48.0	78.1	91,500 *	48.0	78.1	89,300 *
50.0	77.5	90,000 *	50.0	77.5	89,200 *	50.0	77.5	86,300 *	50.0	77.5	84,300 *
55.0	76.0	78,900	55.0	76.0	78,200	55.0	76.0	75,400	55.0	76.0	73,500
60.0	74.4	69,400	60.0	74.4	68,800	60.0	74.4	66,100	60.0	74.4	64,400
65.0	72.8	59,200	65.0	72.8	58,500	65.0	72.8	55,900	65.0	72.8	54,100
70.0	71.2	50,300	70.0	71.2	49,600	70.0	71.2	47,300	70.0	71.2	45,500
75.0	69.6	42,700	75.0	69.6	42,000	75.0	69.6	39,800	75.0	69.6	38,000
80.0	68.0	36,200	80.0	68.0	35,500	80.0	68.0	33,300	80.0	68.0	31,600
85.0	66.3	30,500	85.0	66.3	29,800	85.0	66.3	27,600	85.0	66.3	26,100
90.0	64.6	25,900	90.0	64.6	25,200	90.0	64.6	23,000	90.0	64.6	21,600
95.0	62.9	21,600	95.0	62.9	21,000	95.0	62.9	18,800	95.0	62.9	17,500
100.0	61.2	17,600	100.0	61.2	17,100	100.0	61.2	15,000	98.4	61.8	14,700
104.9	59.4	14,300	104.9	59.4	13,600	104.9	59.4	11,600			
Reeves			Reeves			Reeves			Reeves		
4			4			4			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 P13 and P14.

Luffing Boom With Luffing Jib Lifting Capacity

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

190' Boom											
150 ft Jib			160 ft Jib			170 ft Jib			180 ft Jib		
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)
45.9	78.8	93,000 *	45.9	78.8	90,100 *	45.9	78.8	86,800 *	45.9	78.8	84,200 *
46.0	78.8	92,800 *	46.0	78.8	90,000 *	46.0	78.8	86,600 *	46.0	78.8	84,000 *
48.0	78.1	87,800 *	48.0	78.1	85,000 *	48.0	78.1	81,700 *	48.0	78.1	79,200 *
50.0	77.5	82,900 *	50.0	77.5	80,100 *	50.0	77.5	76,800 *	50.0	77.5	74,500 *
55.0	76.0	72,200	55.0	76.0	69,600	55.0	76.0	66,400	55.0	76.0	64,200
60.0	74.4	63,000	60.0	74.4	60,500	60.0	74.4	57,600	60.0	74.4	55,400
65.0	72.8	52,800	65.0	72.8	50,600	65.0	72.8	47,700	65.0	72.8	45,500
70.0	71.2	44,200	70.0	71.2	42,000	70.0	71.2	39,100	70.0	71.2	37,200
75.0	69.6	36,800	75.0	69.6	34,600	75.0	69.6	31,800	75.0	69.6	30,000
80.0	68.0	30,500	80.0	68.0	28,300	80.0	68.0	25,700	80.0	68.0	23,700
85.0	66.3	24,800	85.0	66.3	22,800	85.0	66.3	20,100	85.0	66.3	18,400
90.0	64.6	20,300	90.0	64.6	18,300	90.0	64.6	15,700	90.0	64.6	13,900
95.0	62.9	16,200	95.0	62.9	14,200	91.8	64.0	14,100	91.8	64.0	12,300
98.4	61.8	13,400	98.4	61.8	11,400						
Reeves		4	Reeves		4	Reeves		4	Reeves		4

190' Boom											
190 ft Jib			200 ft Jib								
Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)						
45.9	78.8	80,600 *	45.9	78.8	77,600 *						
46.0	78.8	80,500 *	46.0	78.8	77,400 *						
48.0	78.1	75,800 *	48.0	78.1	72,700 *						
50.0	77.5	71,100 *	50.0	77.5	68,000 *						
55.0	76.0	61,000	55.0	76.0	58,000						
60.0	74.4	52,300	60.0	74.4	49,500						
65.0	72.8	42,600	65.0	72.8	39,900						
70.0	71.2	34,300	70.0	71.2	31,700						
75.0	69.6	27,200	75.0	69.6	24,700						
80.0	68.0	21,100	80.0	68.0	18,700						
85.0	66.3	15,700	85.0	66.3	13,300						
85.3	66.2	15,400	85.3	66.2	13,000						
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 P13 and P14.

LIFTING CAPACITY

Luffing Boom With Luffing Jib Lifting Capacity

Unit: lbs

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

200' Boom											
100 ft Jib			110 ft Jib			120 ft Jib			130 ft Jib		
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)
45.9	79.3	101,800 *	45.9	79.3	101,600 *	45.9	79.3	98,500 *	45.9	79.3	96,100 *
46.0	79.3	101,600 *	46.0	79.3	101,400 *	46.0	79.3	98,300 *	46.0	79.3	95,900 *
48.0	78.7	96,400 *	48.0	78.7	95,900 *	48.0	78.7	93,000 *	48.0	78.7	90,500 *
50.0	78.1	91,100 *	50.0	78.1	90,400 *	50.0	78.1	87,700 *	50.0	78.1	85,100 *
55.0	76.7	79,700	55.0	76.7	78,600	55.0	76.7	76,300	55.0	76.7	73,700
60.0	75.2	70,100	60.0	75.2	69,000	60.0	75.2	66,800	60.0	75.2	64,400
65.0	73.7	61,000	65.0	73.7	59,900	65.0	73.7	57,900	65.0	73.7	55,500
70.0	72.2	52,400	70.0	72.2	51,400	70.0	72.2	49,500	70.0	72.2	47,000
75.0	70.7	44,700	75.0	70.7	43,800	75.0	70.7	41,800	75.0	70.7	39,500
80.0	69.1	38,000	80.0	69.1	37,100	80.0	69.1	35,100	80.0	69.1	32,900
85.0	67.6	32,500	85.0	67.6	31,600	85.0	67.6	29,600	85.0	67.6	27,400
90.0	66.0	27,600	90.0	66.0	26,800	90.0	66.0	24,900	90.0	66.0	22,800
95.0	64.4	23,200	95.0	64.4	22,400	95.0	64.4	20,600	95.0	64.4	18,600
100.0	62.8	19,400	100.0	62.8	18,500	100.0	62.8	16,700	100.0	62.8	14,800
110.0	59.5	13,000	110.0	59.5	12,300	104.9	61.1	13,400	104.9	61.1	11,400
111.5	58.9	12,100	111.5	58.9	11,400						
Reeves		4	Reeves		4	Reeves		4	Reeves		4

200' Boom											
140 ft Jib			150 ft Jib			160 ft Jib			170 ft Jib		
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)
45.9	79.3	92,800 *	45.9	79.3	91,000 *	45.9	79.3	88,100 *	45.9	79.3	84,800 *
46.0	79.3	92,600 *	46.0	79.3	90,800 *	46.0	79.3	88,000 *	46.0	79.3	84,700 *
48.0	78.7	87,600 *	48.0	78.7	85,900 *	48.0	78.7	83,100 *	48.0	78.7	79,900 *
50.0	78.1	82,600 *	50.0	78.1	81,000 *	50.0	78.1	78,300 *	50.0	78.1	75,100 *
55.0	76.7	71,700	55.0	76.7	70,300	55.0	76.7	67,700	55.0	76.7	64,700
60.0	75.2	62,500	60.0	75.2	61,100	60.0	75.2	58,700	60.0	75.2	55,800
65.0	73.7	53,700	65.0	73.7	52,400	65.0	73.7	50,000	65.0	73.7	47,100
70.0	72.2	45,300	70.0	72.2	44,100	70.0	72.2	41,800	70.0	72.2	39,000
75.0	70.7	37,800	75.0	70.7	36,600	75.0	70.7	34,400	75.0	70.7	31,700
80.0	69.1	31,400	80.0	69.1	30,100	80.0	69.1	28,000	80.0	69.1	25,300
85.0	67.6	25,900	85.0	67.6	24,700	85.0	67.6	22,800	85.0	67.6	20,100
90.0	66.0	21,300	90.0	66.0	20,000	90.0	66.0	18,000	90.0	66.0	15,500
95.0	64.4	17,000	95.0	64.4	15,800	95.0	64.4	13,800	91.8	65.4	13,800
98.4	63.3	14,300	98.4	63.3	13,200	98.4	63.3	11,200			
Reeves		4	Reeves		4	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 P13 and P14.

Luffing Boom With Luffing Jib Lifting Capacity Unit: lbs								
Counterweight: 199,300 lbs, Carbody weight: 60,500 lbs								
200' Boom								
180 ft Jib			190 ft Jib			200 ft Jib		
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)
45.9	79.3	82,200 *	45.9	79.3	78,900 *	45.9	79.3	75,600 *
46.0	79.3	82,000 *	46.0	79.3	78,700 *	46.0	79.3	75,400 *
48.0	78.7	77,400 *	48.0	78.7	74,100 *	48.0	78.7	70,900 *
50.0	78.1	72,700 *	50.0	78.1	69,400 *	50.0	78.1	66,400 *
55.0	76.7	62,500	55.0	76.7	59,300	55.0	76.7	56,400
60.0	75.2	53,700	60.0	75.2	50,600	60.0	75.2	47,800
65.0	73.7	45,100	65.0	73.7	42,200	65.0	73.7	39,500
70.0	72.2	37,100	70.0	72.2	34,300	70.0	72.2	31,800
75.0	70.7	29,900	75.0	70.7	27,100	75.0	70.7	24,700
80.0	69.1	23,500	80.0	69.1	20,900	80.0	69.1	18,500
85.0	67.6	18,300	85.0	67.6	15,700	85.0	67.6	13,500
90.0	66.0	13,800	85.3	67.5	15,400	85.3	67.5	13,200
91.8	65.4	12,100						
Reeves		4	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 P13 and P14.

LIFTING CAPACITY

Luffing Jib Lifting Capacity		Unit: lbs
Counterweight: 199,300 lbs, Carbody weight: 60,500 lbs		

70' Boom																									
70 ft Jib										80 ft Jib															
Boom Angle (deg.)										Boom Angle (deg.)															
88		83		78		73		68		63		88		83		78		73		68		63			
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)		
32.1	176,300*																								
34.0	171,900*											39.3	154,300*												
36.0	167,200*											40.0	153,100*												
38.0	162,400*											42.0	149,500*												
40.0	157,800*											44.0	145,900*												
42.0	152,800*											46.0	142,200*												
44.0	148,100*	45.9	144,800*									48.0	138,200*												
46.0	143,300*	46.0	144,600*									50.0	134,200*	52.4	129,100*										
48.0	138,500*	48.0	139,900*									55.0	124,000*	55.0	125,300*	59.0	117,700								
50.0	133,800*	50.0	135,200*									60.0	113,800*	60.0	117,000	60.0	115,500								
55.0	121,800*	55.0	125,600*	59.0	117,900							65.0	103,700*	65.0	106,200	65.0	104,100								
60.0	109,900*	60.0	117,300	60.0	115,700							70.0	94,500*	70.0	96,800	70.0	94,700	72.1	89,200						
65.0	98,000*	65.0	106,300	65.0	104,300							75.0	84,000*	75.0	88,700	75.0	86,700	75.0	85,300						
70.0	86,100*	70.0	96,800	70.0	95,100	72.1	89,500					80.0	72,600*	80.0	81,800	80.0	79,800	80.0	78,500						
75.0	72,500*	75.0	88,700	75.0	87,100	75.0	85,400	78.7	78,400			85.0	61,700*	85.0	75,700	85.0	73,900	85.0	72,600	85.3	70,700				
78.7	61,500*	78.7	83,300	80.0	80,200	80.0	78,500	80.0	77,000			90.0	61,000*	90.0	67,300	90.0	69,000	90.0	67,700	90.0	66,100				
				85.0	74,200	85.0	72,800	85.0	71,300			91.8	61,000*	91.8	67,300	91.8	64,500	95.0	63,300	95.0	61,800	98.4	58,000		
				85.3	73,800	90.0	67,900	90.0	66,500	91.8	63,400			91.8	64,100*	95.0	64,500	95.0	63,300	95.0	61,800	98.4	57,000		
						91.8	66,100	95.0	62,200	95.0	61,000			91.8	64,100*	98.4	61,500	100.0	59,400	100.0	58,000	100.0	57,000		
								98.4	59,500	104.9	53,700					104.9	55,700	110.0	51,600	110.0	50,700	111.5	46,200		
																		111.5	50,700	118.1	46,200				

Reeves 6 Reeves 6 Reeves 6 Reeves 6 Reeves 6 Reeves 6 Reeves 6 Reeves 6 Reeves 6 Reeves 6 Reeves 6 Reeves 6 Reeves 6 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 P13 and P14.



Luffing Jib Lifting Capacity

Unit: lbs

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

70' Boom				110 ft Jib										120 ft Jib																			
				88					83					78					73					68					63				
				Boom Angle (deg.)										Boom Angle (deg.)																			
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)				
45.9	119,000*															45.9	105,100*																
46.0	118,900*															46.0	105,100*																
48.0	117,500*															48.0	104,100*																
50.0	116,100*															50.0	103,200*																
55.0	112,100*	59.0	115,700*													55.0	100,600*																
60.0	107,600*	60.0	114,000													60.0	97,700*																
65.0	103,000*	65.0	105,300													65.0	94,700*	65.6	100,000*														
70.0	95,800*	70.0	96,300	72.1	90,100										70.0	91,400*	70.0	94,700															
75.0	88,200*	75.0	88,200	75.0	86,000										75.0	87,100*	75.0	87,900	78.7	80,600													
80.0	80,800*	80.0	81,100	80.0	79,200										80.0	81,600*	80.0	80,900	80.0	79,200													
85.0	74,400*	85.0	75,300	85.0	73,300										85.0	75,100*	85.0	75,000	85.0	73,300													
90.0	69,000*	90.0	70,200	90.0	68,300	91.8	65,200								90.0	69,600*	90.0	69,900	90.0	68,300	91.8	65,000											
95.0	63,700*	95.0	65,600	95.0	63,900	95.0	62,700								95.0	64,700*	95.0	65,300	95.0	63,900	95.0	62,400											
100.0	58,300*	100.0	61,400	100.0	59,900	100.0	58,800	104.9	53,700						100.0	60,100*	100.0	61,200	100.0	59,900	100.0	58,400											
110.0	46,700*	110.0	54,500	110.0	53,100	110.0	52,100	118.1	45,600						110.0	51,200*	110.0	54,300	110.0	53,100	110.0	51,800	111.5	49,800									
111.5	44,900*	111.5	47,300*	120.0	47,700	120.0	46,700	120.0	45,600	120.0	44,700	120.0	41,500*	120.0	41,500*	120.0	48,400	120.0	47,600	120.0	46,500	120.0	45,400	124.6	42,300								
				124.6	45,400	130.0	42,300	130.0	41,200	130.0	40,400	124.6	36,800*	130.0	40,000*	130.0	43,000	130.0	42,100	130.0	41,000	130.0	40,100	144.3	36,800	150.9	33,900	150.9	33,000				
				131.2	41,800	137.7	38,300	140.0	36,700	144.3	35,200			131.2	38,800*	137.7	40,100	140.0	38,200	140.0	37,300	140.0	36,500	144.3	36,800	150.9	33,900	150.9	33,000				

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 P13 and P14.

Luffing Jib Lifting Capacity

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

70' Boom																							
190 ft Jib							200 ft Jib																
Boom Angle (deg.)																							
88		83		78		73		68		63		88		83		78		73		68		63	
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)
65.6	46,000*											65.6	40,500*										
70.0	45,300*											70.0	40,400*										
75.0	44,100*											75.0	39,600*										
80.0	42,500*											80.0	38,400*										
85.0	40,800*	85.3	42,300*									85.0	36,900*										
90.0	39,200*	90.0	40,700*									90.0	35,300*	91.8	36,100*								
95.0	37,600*	95.0	39,000*									95.0	33,900*	95.0	35,300*								
100.0	36,100*	100.0	37,400*									100.0	32,600*	100.0	33,900*								
110.0	33,400*	110.0	34,500*	111.5	35,400*							110.0	30,300*	110.0	31,200*	111.5	31,900*						
120.0	30,800*	120.0	31,900*	120.0	33,200*							120.0	28,000*	120.0	29,000*	120.0	30,000*						
130.0	28,600*	130.0	29,700*	130.0	30,700*	131.2	31,500*					130.0	26,000*	130.0	27,100*	130.0	28,000*	137.7	27,300*				
140.0	26,600*	140.0	27,600*	140.0	28,600*	140.0	29,500*					140.0	24,300*	140.0	25,200*	140.0	26,000*	140.0	26,800*				
150.0	24,800*	150.0	25,700*	150.0	26,600*	150.0	27,500*	150.9	28,200*			150.0	22,800*	150.0	23,500*	150.0	24,400*	150.0	25,000*	157.4	24,600*		
160.0	23,100*	160.0	24,000*	160.0	24,900*	160.0	25,800*	160.0	26,600*	170.6	25,500*	160.0	21,200*	160.0	22,000*	160.0	22,800*	160.0	23,400*	160.0	24,200*	177.1	22,200*
170.0	21,600*	170.0	22,500*	170.0	23,200*	170.0	24,100*	170.0	24,700*	170.6	25,500*	170.0	19,900*	170.0	20,500*	170.0	21,400*	170.0	22,100*	170.0	22,700*	177.1	22,200*
180.0	20,100*	180.0	21,000*	180.0	21,800*	180.0	22,500*	180.0	23,300*	180.0	23,900*	180.0	18,600*	180.0	19,400*	180.0	20,100*	180.0	20,700*	180.0	21,400*	180.0	21,800*
190.0	18,100*	190.0	19,600*	190.0	20,500*	190.0	21,200*	190.0	21,800*	190.0	22,500*	190.0	17,400*	190.0	18,100*	190.0	18,700*	190.0	19,400*	190.0	20,100*	190.0	20,700*
190.2	18,000*	196.8	18,000*	200.0	18,600*	200.0	19,800*	200.0	20,500*	200.0	21,100	200.0	16,100*	200.0	16,900*	200.0	17,700*	200.0	18,300*	200.0	18,800*	200.0	19,500*
				203.4	17,800*	209.9	17,800*	210.0	19,100*	210.0	19,800	203.4	15,400*	209.9	15,400*	210.0	16,500*	210.0	17,100*	210.0	17,800*	210.0	18,200*
								216.5	17,600*	220.0	18,200					216.5	15,400*	216.5	16,500*	220.0	16,800*	220.0	17,200*
										223.0	17,600*									223.0	16,500*	223.0	16,300*
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

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 P13 and P14.

LIFTING CAPACITY

Luffing Jib Lifting Capacity Unit: lbs																								
Counterweight: 199,300 lbs, Carbody weight: 60,500 lbs																								
80' Boom										80' Jib														
70 ft Jib					80 ft Jib					70 ft Jib					80 ft Jib									
Boom Angle (deg.)										Boom Angle (deg.)														
88		83		78		73		68		63		88		83		78		73		68		63		
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	
32.8	168,200*																							
34.0	165,600*																							
36.0	161,300*																							
38.0	157,000*												39.3	151,200*										
40.0	152,700*												40.0	150,000*										
42.0	148,300*												42.0	146,400*										
44.0	143,900*	45.9	144,600*										44.0	142,800*										
46.0	139,600*	46.0	144,400*										46.0	139,200*										
48.0	135,300*	48.0	139,700*										48.0	135,500*										
50.0	131,000*	50.0	135,000*										50.0	131,800*	52.4	128,700*								
55.0	120,100*	55.0	125,300	59.0	117,200								55.0	122,600*	55.0	124,800								
60.0	109,200*	60.0	117,100	60.0	115,100								60.0	113,500*	60.0	116,500								
65.0	98,500*	65.0	106,000	65.0	103,700								65.0	104,100*	65.0	105,800	65.6	102,000						
70.0	87,600*	70.0	96,600	70.0	94,400	72.1	88,600						70.0	95,100*	70.0	96,500	70.0	94,200						
75.0	74,600*	75.0	88,500	75.0	86,500	75.0	84,800						75.0	85,100*	75.0	88,500	75.0	86,300	78.7	79,100				
78.7	63,700*	80.0	80,400	80.0	79,600	80.0	77,800						80.0	74,100*	80.0	81,500	80.0	79,400	80.0	77,700				
		85.0	70,000	85.0	73,700	85.0	72,000	85.3	70,100				85.0	63,200*	85.0	75,500	85.0	73,500	85.0	71,900				
		85.3	69,400*	90.0	68,600	90.0	67,200	90.0	65,600	91.8	62,300		85.3	62,600*	90.0	69,800	90.0	68,400	90.0	67,000	91.8	63,400		
				91.8	66,700			95.0	62,800	95.0	61,400				91.8	67,800*	95.0	64,000	95.0	62,700	95.0	60,900	98.4	57,000
						96.4	59,900			100.0	57,500						96.4	61,200	100.0	58,800	100.0	57,100	100.0	56,000
								104.9	54,000										104.9	55,300	110.0	50,700	105.0	49,600
										110.0	49,800										111.5	49,800	118.1	45,400
											111.5	48,900												
Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	

90 ft Jib										100 ft Jib													
Boom Angle (deg.)																							
88		83		78		73		68		63		88		83		78		73		68		63	
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)
39.3	151,600*																						
40.0	150,500*																						
42.0	146,900*																						
44.0	143,200*																						
46.0	139,600*																						
48.0	136,000*																						
50.0	132,300*	52.4	128,700*																				
55.0	123,300*	55.0	124,400																				
60.0	114,200*	60.0	115,500																				
65.0	105,100*	65.0	105,500	65.6	101,600																		
70.0	96,100*	70.0	96,300	70.0	93,800																		
75.0	87,600*	75.0	88,200	75.0	85,800																		
80.0	79,500*	80.0	81,100	80.0	78,900																		
85.0	71,600*	85.0	75,300	85.0	73,100	85.3	71,200																
90.0	63,100*	90.0	70,200	90.0	68,100	90.0	66,700																
95.0	54,200*	95.0	65,600	95.0	63,700	95.0	62,400	96.4	57,900														
98.4	48,000*	100.0	60,100	100.0	59,700	100.0	58,400	100.0	56,800	104.9	52,200												
		104.9	52,400*	110.0	53,000	110.0	51,800	110.0	50,400	110.0	49,300												
				111.5	52,000	118.1	47,300			120.0	45,200												
Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	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 P13 and P14.

Luffing Jib Lifting Capacity																							
																		Unit: lbs					
																		Counterweight: 199,300 lbs, Carbody weight: 60,500 lbs					
80' Boom																							
110 ft Jib										120 ft Jib													
Boom Angle (deg.)										Boom Angle (deg.)													
88		83		78		73		68		63		88		83		78		73		68		63	
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)
45.9	119,000*											45.9	105,100*										
46.0	119,000*											46.0	105,100*										
48.0	117,600*											48.0	104,100*										
50.0	116,300*											50.0	103,200*										
55.0	112,300*	59.0	115,500*									55.0	100,700*										
60.0	107,800*	60.0	113,800									60.0	98,000*										
65.0	103,400*	65.0	105,100									65.0	95,100*	65.6	100,700*								
70.0	96,600*	70.0	96,100									70.0	91,800*	70.0	94,800								
75.0	88,900*	75.0	87,900	78.7	80,200							75.0	87,500*	75.0	87,700	78.7	80,200						
80.0	81,200*	80.0	80,900	80.0	78,700							80.0	82,100*	80.0	80,700	80.0	78,700						
85.0	74,600*	85.0	74,800	85.0	72,800							85.0	75,500*	85.0	74,800	85.0	72,800						
90.0	69,200*	90.0	69,900	90.0	67,900	91.8	64,500					90.0	69,900*	90.0	69,700	90.0	67,700						
95.0	64,200*	95.0	65,300	95.0	63,500	95.0	62,000					95.0	64,900*	95.0	65,100	95.0	63,300	98.4	58,800				
100.0	59,200*	100.0	61,200	100.0	59,400	100.0	58,100	104.9	52,900			100.0	60,400*	100.0	61,000	100.0	59,400	100.0	57,700				
110.0	47,800*	110.0	54,300	110.0	52,700	110.0	51,600	110.0	50,000	118.1	44,500	110.0	52,000*	110.0	54,100	110.0	52,700	110.0	51,200	111.5	48,900		
111.5	46,000*	120.0	47,000*	120.0	47,300	120.0	46,200	120.0	44,800	120.0	43,700	120.0	42,400*	120.0	48,600	120.0	47,300	120.0	46,000	120.0	44,700	124.6	41,400
		124.6	41,400*	130.0	42,800	130.0	41,700	130.0	40,400	130.0	39,500	124.6	37,900*	130.0	41,600	130.0	42,800	130.0	41,500	130.0	40,400	130.0	39,200
				131.2	42,300	137.7	38,800	140.0	36,900	140.0	36,000			131.2	40,500*	137.7	39,600	140.0	37,800	140.0	36,700	140.0	35,700
								144.3	35,400	150.0	32,900							144.3	36,300	150.0	33,700	150.0	32,600
										150.9	32,600									150.9	33,500	157.4	30,600
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

80' Boom																							
130 ft Jib										140 ft Jib													
Boom Angle (deg.)										Boom Angle (deg.)													
88		83		78		73		68		63		88		83		78		73		68		63	
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)
52.4	87,300*											52.4	74,700*										
55.0	86,500*											55.0	74,100*										
60.0	84,900*											60.0	73,000*										
65.0	82,900*	65.6	85,500*									65.0	71,900*										
70.0	81,000*	70.0	84,600*									70.0	70,900*	72.1	72,000*								
75.0	78,700*	75.0	82,800*									75.0	69,600*	75.0	71,500*								
80.0	76,000*	80.0	79,800									80.0	68,100*	80.0	70,500*								
85.0	73,100*	85.0	74,600	85.3	72,300							85.0	66,600*	85.0	69,700*								
90.0	69,900*	90.0	69,500	90.0	67,700							90.0	64,300*	90.0	67,700*	91.8	65,900						
95.0	65,700*	95.0	65,000	95.0	63,200							95.0	62,100*	95.0	64,500	95.0	63,200						
100.0	61,100*	100.0	61,000	100.0	59,200	104.9	54,200					100.0	59,800*	100.0	60,800	100.0	59,200	104.9	54,000				
110.0	53,500*	110.0	54,100	110.0	52,500	110.0	51,200	118.1	45,400			110.0	53,700*	110.0	54,100	110.0	52,500	110.0	50,900				
120.0	46,200*	120.0	48,400	120.0	47,100	120.0	45,800	120.0	44,500			120.0	47,700*	120.0	48,400	120.0	47,100	120.0	45,800	124.6	42,300		
130.0	38,000*	130.0	43,900	130.0	42,600	130.0	41,500	130.0	40,200	131.2	38,500	130.0	41,200*	130.0	43,700	130.0	42,600	130.0	41,300	130.0	40,100	137.7	36,100
131.2	37,000*	137.7	39,400*	140.0	38,800	140.0	37,800	140.0	36,700	140.0	35,600	140.0	34,000*	140.0	39,800	140.0	38,700	140.0	37,600	140.0	36,500	140.0	35,400
				150.0	35,500	150.0	34,400	150.0	33,500	150.0	32,600	144.3	30,800*	150.0	33,700*	150.0	35,500	150.0	34,400	150.0	33,300	150.0	32,400
				150.9	35,200	157.4	32,400			160.0	30,800	160.0	29,900			150.9	33,000*	157.4	33,200	160.0	31,700	160.0	29,800
								164.0	29,700	170.0	27,600									164.0	30,600	170.0	27,400
										170.6	27,500									170.6	28,200	177.1	26,000
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	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 P13 and P14.



LIFTING CAPACITY

Luffing Jib Lifting Capacity Unit: lbs																																			
Counterweight: 199,300 lbs, Carbody weight: 60,500 lbs																																			
80' Boom													160 ft Jib																						
150 ft Jib						160 ft Jib						170 ft Jib						180 ft Jib																	
Boom Angle (deg.)																																			
88		83		78		73		68		63		88		83		78		73		68		63		88		83		78		73		68		63	
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)		
52.4	64,800*																																		
55.0	64,200*																																		
60.0	63,000*																																		
65.0	62,000*																																		
70.0	61,000*	72.1	62,100*																																
75.0	60,100*	75.0	61,600*																																
80.0	59,300*	80.0	60,600*																																
85.0	58,400*	85.0	59,700*																																
90.0	57,400*	90.0	58,900*	91.8	59,900*																														
95.0	55,800*	95.0	58,000*	95.0	59,400*																														
100.0	53,800*	100.0	56,600*	100.0	58,000																														
110.0	49,900*	110.0	52,800*	110.0	52,100	111.5	49,800																												
120.0	46,500*	120.0	48,200	120.0	46,700	120.0	45,400																												
130.0	42,400*	130.0	43,500	130.0	42,200	130.0	41,000	131.2	39,200																										
140.0	36,500*	140.0	39,600	140.0	38,400	140.0	37,100	140.0	36,100	144.3	33,700																								
150.0	30,500*	150.0	36,200	150.0	35,100	150.0	34,000	150.0	33,100	150.0	32,000	150.0	31,300*	150.0	34,100*	150.0	35,100	150.0	34,000	150.0	33,000	150.9	31,700												
150.9	29,900*	157.4	31,900*	160.0	32,300	160.0	31,300	160.0	30,400	160.0	29,300	160.0	27,700*	160.0	32,000*	160.0	32,300	160.0	31,200	160.0	30,200	160.0	29,300												
				170.0	29,700	170.0	28,100	170.0	26,100	170.0	25,200	170.0	23,200*	170.0	27,600*	170.0	29,900	170.0	28,800	170.0	27,800	170.0	27,000												
				170.6	29,500*	177.1	27,300	180.0	25,900	180.0	25,200	180.0	23,000*	180.0	27,300*	177.1	28,200	180.0	26,700	180.0	25,800	180.0	25,000												
								183.7	25,300	190.0	23,400	190.2	23,300																						

Reeves 4 Reeves 4 Reeves 4 Reeves 4 Reeves 4 Reeves 4 Reeves 2 Reeves 2 Reeves 2 Reeves 2 Reeves 2 Reeves 2 Reeves 2

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 P13 and P14.

Luffing Jib Lifting Capacity																						Unit: lbs	
80' Boom																						Counterweight: 199,300 lbs, Carbody weight: 60,500 lbs	
190 ft Jib												200 ft Jib											
Boom Angle (deg.)												Boom Angle (deg.)											
88		83		78		73		68		63		88		83		78		73		68		63	
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)
65.6	45,600*											65.6	40,500*										
70.0	45,000*											70.0	40,400*										
75.0	43,800*											75.0	39,500*										
80.0	42,300*											80.0	38,100*										
85.0	40,600*											85.0	36,600*										
90.0	39,100*	91.8	39,900*									90.0	35,300*	91.8	36,100*								
95.0	37,500*	95.0	38,900*									95.0	33,800*	95.0	35,200*								
100.0	35,900*	100.0	37,400*									100.0	32,400*	100.0	33,700*								
110.0	33,200*	110.0	34,500*									110.0	30,100*	110.0	31,200*								
120.0	30,800*	120.0	31,900*	111.5	35,200*							120.0	28,000*	120.0	28,900*	118.1	30,400*						
130.0	28,600*	130.0	29,600*	130.0	30,700*	131.2	31,300*					130.0	26,000*	130.0	26,900*	130.0	27,800*	137.7	27,100*				
140.0	26,600*	140.0	27,500*	140.0	28,600*	140.0	29,500*					140.0	24,300*	140.0	25,200*	140.0	26,000*	140.0	26,700*				
150.0	24,800*	150.0	25,700*	150.0	26,600*	150.0	27,500*	150.9	28,200*			150.0	22,600*	150.0	23,500*	150.0	24,100*	150.0	25,000*	157.4	24,400*		
160.0	23,200*	160.0	24,000*	160.0	24,900*	160.0	25,800*	160.0	26,400*			160.0	21,200*	160.0	21,900*	160.0	22,700*	160.0	23,400*	160.0	24,100*		
170.0	21,700*	170.0	22,500*	170.0	23,200*	170.0	24,100*	170.0	24,700*	170.6	25,300*	170.0	19,900*	170.0	20,500*	170.0	21,200*	170.0	21,900*	170.0	22,500*	177.1	22,200*
180.0	20,300*	180.0	21,100*	180.0	21,800*	180.0	22,500*	180.0	23,300*	180.0	23,900*	180.0	18,600*	180.0	19,400*	180.0	20,100*	180.0	20,600*	180.0	21,200*	180.0	21,800*
190.0	18,300*	190.0	19,600*	190.0	20,500*	190.0	21,200*	190.0	21,800*	190.0	22,300*	190.0	17,400*	190.0	18,100*	190.0	18,700*	190.0	19,400*	190.0	20,000*	190.0	20,500*
190.2	18,200*	196.8	18,200*	200.0	18,800*	200.0	19,800*	200.0	20,500*	200.0	20,700*	200.0	16,300*	200.0	17,000*	200.0	17,700*	200.0	18,300*	200.0	18,800*	200.0	19,400*
				203.4	18,000*	209.9	18,000*	210.0	19,100*	210.0	19,100	203.4	15,800*	209.9	15,800*	210.0	16,700*	210.0	17,100*	210.0	17,800*	210.0	18,200*
								216.5	17,800*	220.0	18,000					216.5	15,800*	220.0	16,000*	220.0	16,800*	220.0	17,200*
										223.0	17,600							223.0	15,600*	229.6	15,600*	230.0	16,200*
																					236.2	15,400*	
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

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 P13 and P14.



LIFTING CAPACITY

Luffing Jib Lifting Capacity Unit: lbs
Counterweight: 199,300 lbs, Carbody weight: 60,500 lbs

90' Boom																									
70 ft Jib							80 ft Jib																		
Boom Angle (deg.)																									
88		83		78		73		68		63		88		83		78		73		68		63			
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)		
32.8	161,800*																								
34.0	159,400*																								
36.0	155,500*																								
38.0	151,600*												39.3	148,300*											
40.0	147,700*												40.0	147,200*											
42.0	143,800*												42.0	143,700*											
44.0	139,800*	45.9	144,100										44.0	140,200*											
46.0	135,800*	46.0	144,000										46.0	136,700*											
48.0	131,900*	48.0	139,300										48.0	133,300*											
50.0	128,000*	50.0	134,600										50.0	129,900*	52.4	128,500									
55.0	118,300*	55.0	124,900	59.0	116,400								55.0	121,300*	55.0	124,600									
60.0	108,500*	60.0	116,700	60.0	114,200								60.0	112,700*	60.0	116,300									
65.0	98,600*	65.0	105,600	65.0	103,000								65.0	104,000*	65.0	105,600	65.6	101,100							
70.0	88,900*	70.0	96,300	70.0	93,800	72.1	87,500						70.0	95,400*	70.0	96,300	70.0	93,500							
75.0	76,400*	75.0	88,200	75.0	85,900	75.0	83,600						75.0	85,900*	75.0	88,200	75.0	85,600	78.7	78,200					
78.7	65,400*	80.0	80,900	80.0	79,200	80.0	77,000						80.0	75,500*	80.0	81,100	80.0	78,700	80.0	76,800					
		85.0	74,200	85.0	73,300	85.0	71,300	85.3	69,200				85.0	64,800*	85.0	75,100	85.0	72,800	85.0	71,100					
		85.3	73,800*	90.0	68,200	90.0	66,500	90.0	64,800				85.3	64,100*	90.0	69,900	90.0	67,900	90.0	66,300	91.8	62,600			
				91.8	66,300	95.0	62,100	95.0	60,500	96.4	56,200			91.8	68,100	95.0	63,500	95.0	62,000	95.0	60,000				
						98.4	59,300	100.0	56,700	100.0	55,100					100.0	59,500	100.0	58,100	100.0	56,200	104.9	51,500		
								104.9	53,300	110.0	48,900					104.9	55,900	110.0	51,600	110.0	50,000	110.0	48,700		
										111.5	48,000							111.5	50,700	111.5	50,700	111.5	48,700	124.6	41,600

90' Boom																								
90 ft Jib							100 ft Jib																	
Boom Angle (deg.)																								
88		83		78		73		68		63		88		83		78		73		68		63		
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	
39.3	148,800*												39.3	143,200*										
40.0	147,700*												40.0	142,500*										
42.0	144,300*												42.0	140,200*										
44.0	140,800*												44.0	138,000*										
46.0	137,400*												46.0	135,600*										
48.0	134,000*												48.0	132,400*										
50.0	130,500*	52.4	128,500										50.0	129,200*										
55.0	122,000*	55.0	124,200										55.0	121,200*	59.0	116,800								
60.0	113,400*	60.0	115,300										60.0	113,300*	60.0	115,000								
65.0	104,800*	65.0	105,200										65.0	105,200*	65.0	105,200								
70.0	96,300*	70.0	95,900	72.1	89,200								70.0	97,200*	70.0	96,100	72.1	89,200						
75.0	88,000*	75.0	87,800	75.0	85,300								75.0	89,100*	75.0	87,900	75.0	85,300						
80.0	80,100*	80.0	80,900	80.0	78,500								80.0	81,400*	80.0	80,900	80.0	78,500						
85.0	72,700*	85.0	74,800	85.0	72,600	85.3	70,500						85.0	74,900*	85.0	74,800	85.0	72,600						
90.0	64,200*	90.0	69,700	90.0	67,700	90.0	65,900						90.0	69,300*	90.0	69,900	90.0	67,700	91.8	64,100				
95.0	55,300*	95.0	65,200	95.0	63,200	95.0	61,600	98.4	57,000				95.0	62,800*	95.0	65,300	95.0	63,200	95.0	61,600				
98.4	49,100*	100.0	60,600	100.0	59,200	100.0	57,800	100.0	55,900				100.0	55,700*	100.0	61,200	100.0	59,200	100.0	57,700	104.9	52,400		
		104.9	55,300*	110.0	52,700	110.0	51,400	110.0	49,600	111.5	47,300		104.9	48,700*	110.0	54,300	110.0	52,700	110.0	51,200	110.0	49,600	118.1	44,000
				111.5	51,800	118.1	46,900	120.0	44,500	120.0	43,400				111.5	53,300	118.1	48,000	120.0	46,000	120.0	44,300	120.0	43,200
								124.6	42,300	130.0	39,200							130.0	41,500	130.0	40,100	130.0	39,000	
				</																				

Luffing Jib Lifting Capacity																				Unit: lbs				
90° Boom																				Counterweight: 199,300 lbs, Carbody weight: 60,500 lbs				
110 ft Jib										120 ft Jib														
Boom Angle (deg.)										Boom Angle (deg.)														
88		83		78		73		68		63		88		83		78		73		68		63		
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	
45.9	119,000*											45.9	105,100*											
46.0	119,000*											46.0	105,100*											
48.0	117,700*											48.0	104,200*											
50.0	116,400*											50.0	103,300*											
55.0	112,500*	59.0	115,000*									55.0	100,900*											
60.0	108,000*	60.0	113,400*									60.0	98,200*											
65.0	103,700*	65.0	104,600*									65.0	95,300*	65.6	101,600*									
70.0	96,900*	70.0	95,600*									70.0	92,200*	70.0	94,800*									
75.0	89,300*	75.0	87,600*	78.7	79,500*							75.0	87,900*	75.0	87,400*									
80.0	81,600*	80.0	80,700*	80.0	78,100*							80.0	82,500*	80.0	80,400*									
85.0	75,100*	85.0	74,600*	85.0	72,200*							85.0	75,800*	85.0	74,400*	85.3	71,800*							
90.0	69,500*	90.0	69,500*	90.0	67,200*							90.0	70,100*	90.0	69,300*	90.0	67,200*							
95.0	64,500*	95.0	65,000*	95.0	62,900*	98.4	58,400*					95.0	65,100*	95.0	64,800*	95.0	62,800*	98.4	58,200*					
100.0	59,500*	100.0	61,000*	100.0	59,000*	100.0	57,300*					100.0	60,600*	100.0	60,700*	100.0	58,800*	100.0	57,000*					
110.0	48,500*	110.0	54,100*	110.0	52,300*	110.0	50,900*	111.5	48,200*			110.0	52,600*	110.0	53,800*	110.0	52,300*	110.0	50,700*	118.1	44,700*			
118.1	38,800*	120.0	47,800*	120.0	46,900*	120.0	45,600*	120.0	44,000*	124.6	40,700*			120.0	43,100*	120.0	48,400*	120.0	46,900*	120.0	45,400*	120.0	43,900*	
		124.6	43,400*	130.0	42,400*	130.0	41,200*	130.0	39,700*	130.0	38,800*			124.6	38,500*	130.0	42,800*	130.0	42,400*	130.0	41,000*	130.0	39,700*	
				131.2	41,800*	137.7	38,300*	140.0	36,200*	144.3	34,800*			131.2	42,100*	137.7	39,400*	150.0	34,200*	150.0	33,100*	150.0	31,900*	
																		150.9	33,900*	157.4	31,000*	164.0	28,400*	
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	
90° Boom																								
130 ft Jib										140 ft Jib														
Boom Angle (deg.)										Boom Angle (deg.)														
88		83		78		73		68		63		88		83		78		73		68		63		
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	
52.4	87,000*											52.4	74,900*											
55.0	86,300*											55.0	74,100*											
60.0	84,700*											60.0	72,700*											
65.0	82,800*											65.0	71,300*											
70.0	80,900*	72.1	84,400*									70.0	70,000*	72.1	72,300*									
75.0	78,600*	75.0	83,200*									75.0	68,600*	75.0	71,700*									
80.0	76,000*	80.0	80,100*									80.0	67,300*	80.0	70,700*									
85.0	73,300*	85.0	74,400*	85.3	71,800*							85.0	65,900*	85.0	69,900*									
90.0	70,100*	90.0	69,300*	90.0	67,200*							90.0	64,000*	90.0	68,100*	91.8	65,200*							
95.0	66,000*	95.0	64,800*	95.0	62,800*							95.0	61,700*	95.0	64,700*	95.0	62,700*							
100.0	61,500*	100.0	60,700*	100.0	58,800*	104.9	53,500*					100.0	59,500*	100.0	60,500*	100.0	58,800*							
110.0	53,700*	110.0	53,800*	110.0	52,300*	110.0	50,500*					110.0	54,000*	110.0	53,800*	110.0	52,000*	111.5	49,600*					
120.0	46,900*	120.0	48,200*	120.0	46,700*	120.0	45,400*	124.6	41,600*			120.0	47,700*	120.0	48,200*	120.0	46,700*	120.0	45,100*					
130.0	38,600*	130.0	43,700*	130.0	42,300*	130.0	40,800*	130.0	39,500*	137.7	35,400*			130.0	41,700*	130.0	43,500*	130.0	42,200*	130.0	40,800*	131.2	39,000*	
131.2	37,600*	140.0	38,700*	140.0	38,500*	140.0	37,100*	140.0	36,000*	140.0	34,800*			140.0	34,500*	140.0	39,700*	140.0	38,400*	140.0	37,100*	140.0	35,800*	
		144.3	35,000*	150.0	35,300*	150.0	34,000*	150.0	32,900*	160.0	30,200*			150.0	34,900*	150.0	35,100*	150.0	34,000*	150.0	32,800*	150.0	31,700*	
				150.9	35,000*	157.4	31,900*	164.0	29,300*	170.6	27,000*			150.9	34,300*	157.4	33,000*	170.6	28,600*	170.6	26,400*	170.6	24,200*	
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	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 P13 and P14.

Luffing Jib Lifting Capacity																Unit: lbs											
																Counterweight: 199,300 lbs, Carbody weight: 60,500 lbs											
90' Boom																											
190 ft Jib																200 ft Jib											
Boom Angle (deg.)																Boom Angle (deg.)											
88				83				78				73				68				63							
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)		
65.6	44,900*																										
70.0	44,500*																										
75.0	43,500*																										
80.0	42,100*																										
85.0	40,600*																										
90.0	38,900*	91.8	39,900*																								
95.0	37,400*	95.0	38,800*																								
100.0	35,800*	100.0	37,200*																								
110.0	33,200*	110.0	34,300*	111.5	35,200*																						
120.0	30,700*	120.0	31,900*	120.0	33,000*																						
130.0	28,500*	130.0	29,600*	130.0	30,700*	137.7	29,900*																				
140.0	26,600*	140.0	27,500*	140.0	28,400*	140.0	29,500*																				
150.0	24,800*	150.0	25,700*	150.0	26,600*	150.0	27,500*	157.4	26,800*																		
160.0	23,200*	160.0	24,000*	160.0	24,900*	160.0	25,500*	160.0	25,400*																		
170.0	21,700*	170.0	22,500*	170.0	23,200*	170.0	24,100*	170.0	24,700*	177.1	23,800																
180.0	20,300*	180.0	21,200*	180.0	21,800*	180.0	22,500*	180.0	23,200*	180.0	23,300																
190.0	18,500*	190.0	19,800*	190.0	20,500*	190.0	21,200*	190.0	21,800*	190.0	21,600																
190.2	18,500*	200.0	17,600*	200.0	18,900*	200.0	19,800*	200.0	20,500*	200.0	20,000																
		203.4	16,700*	209.9	16,700*	210.0	18,000*	210.0	19,100*	210.0	18,700																
						216.5	16,700*	220.0	17,100*	220.0	17,500																
								223.0	16,500*	229.6	16,300																
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

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 P13 and P14.

Luffing Jib Lifting Capacity

Unit: lbs

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

100' Boom											
110 ft Jib						120 ft Jib					
Boom Angle (deg.)						Boom Angle (deg.)					
88	83	78	73	68	63	88	83	78	73	68	63
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)
45.9	119,000*					45.9	104,400*				
46.0	119,000*					46.0	104,400*				
48.0	117,800*					48.0	103,800*				
50.0	116,700*					50.0	103,100*				
55.0	112,900*					55.0	100,900*				
60.0	108,300*					60.0	98,200*				
65.0	104,100*	65.6	102,900			65.0	95,300*	65.6	102,200*		
70.0	97,200*	70.0	95,200			70.0	92,200*	70.0	94,900		
75.0	89,600*	75.0	87,300	78.7	78,900	75.0	88,000*	75.0	87,000		
80.0	82,000*	80.0	80,300	80.0	77,400	80.0	82,700*	80.0	80,000		
85.0	75,300*	85.0	74,400	85.0	71,500	85.0	76,200*	85.0	74,200	85.3	71,200
90.0	69,700*	90.0	69,300*	90.0	66,700	90.0	70,600*	90.0	69,100	90.0	66,600
95.0	64,700*	95.0	64,800	95.0	62,400	98.4	57,700	95.0	64,600	95.0	62,200
100.0	59,900*	100.0	60,700	100.0	58,400	100.0	56,600	100.0	60,800*	100.0	60,500
110.0	49,300*	110.0	53,800	110.0	51,800	110.0	50,200	111.5	47,300	110.0	51,800
118.1	39,600*	120.0	48,100	120.0	46,500	120.0	45,000	120.0	43,200	118.1	43,800
		124.6	45,100*	130.0	41,900	130.0	40,600	130.0	39,000	131.2	37,200
				131.2	41,400	140.0	37,000	140.0	35,400	140.0	34,300
				144.3	35,700	150.0	32,400	150.0	31,300	144.3	36,800
				150.9	32,100	157.4	29,500			150.9	33,500
										157.4	30,400
										170.0	26,300
										170.6	26,200
										170.6	26,200

100' Boom											
130 ft Jib						140 ft Jib					
Boom Angle (deg.)						Boom Angle (deg.)					
88	83	78	73	68	63	88	83	78	73	68	63
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)
52.4	87,000*					52.4	74,900*				
55.0	86,400*					55.0	74,100*				
60.0	84,900*					60.0	72,400*				
65.0	82,900*					65.0	70,900*				
70.0	81,000*	72.1	84,600*			70.0	69,200*	72.1	72,300*		
75.0	78,800*	75.0	83,300			75.0	67,600*	75.0	71,800*		
80.0	76,200*	80.0	80,000			80.0	65,900*	80.0	70,900*		
85.0	73,300*	85.0	74,200			85.0	64,200*	85.0	69,900*		
90.0	70,300*	90.0	69,100	91.8	64,800	90.0	62,700*	90.0	67,800	91.8	64,800
95.0	66,200*	95.0	64,600	95.0	62,200	95.0	61,100*	95.0	64,300	95.0	62,100
100.0	61,700*	100.0	60,500	100.0	58,400	100.0	59,400*	100.0	60,300	100.0	58,100
110.0	54,000*	110.0	53,600	110.0	51,600	111.5	48,900	110.0	53,600	110.0	51,600
120.0	47,200*	120.0	48,000	120.0	46,200	120.0	44,700	124.6	41,000	120.0	44,500
130.0	39,100*	130.0	43,500	130.0	41,900	130.0	40,400	130.0	38,800	130.0	40,100
137.7	32,400*	140.0	39,000	140.0	38,000	140.0	36,700	140.0	35,200	144.3	32,600
		144.3	36,500*	150.0	34,800	150.0	33,500	150.0	32,200	150.0	31,100
				150.9	34,600	160.0	30,900	160.0	29,600	160.0	28,500
				164.0	29,900	170.0	27,400	170.0	26,300	170.0	25,100
				170.6	27,300	177.1	24,900			170.6	28,200
										177.1	25,700
										183.7	23,500

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 P13 and P14.



LIFTING CAPACITY

Luffing Jib Lifting Capacity																		Unit: lbs	
100' Boom																		Counterweight: 199,300 lbs, Carbody weight: 60,500 lbs	
150 ft Jib									160 ft Jib										
Boom Angle (deg.)									Boom Angle (deg.)										
88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63		
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)		
59.0	63,400*											59.0	54,000*						
60.0	63,200*											60.0	53,800*						
65.0	62,000*											65.0	52,800*						
70.0	61,000*											70.0	51,800*						
75.0	60,100*	78.7	61,200*									75.0	50,800*	78.7	52,000*				
80.0	59,300*	80.0	61,000*									80.0	50,000*	80.0	51,700*				
85.0	58,600*	85.0	60,000*									85.0	49,400*	85.0	50,700*				
90.0	57,500*	90.0	59,300*									90.0	48,700*	90.0	50,000*				
95.0	55,800*	95.0	58,500*	98.4	58,800							95.0	47,500*	95.0	49,200*				
100.0	53,800*	100.0	57,300*	100.0	57,700							100.0	45,900*	100.0	48,400*	104.9	49,100*		
110.0	49,900*	110.0	53,000	110.0	51,200	118.1	44,900					110.0	42,400*	110.0	45,500*	110.0	48,400*		
120.0	46,500*	120.0	47,700	120.0	45,800	120.0	44,100					120.0	39,500*	120.0	42,100*	120.0	45,200		
130.0	42,600*	130.0	43,000	130.0	41,500	130.0	39,700	137.7	35,400			130.0	36,800*	130.0	39,300*	130.0	41,500		
140.0	37,600*	140.0	39,100	140.0	37,600	140.0	36,200	140.0	34,700			140.0	34,300*	140.0	36,700*	140.0	37,600		
150.0	31,400*	150.0	35,800	150.0	34,400	150.0	33,100	150.0	31,700	157.4	28,400	150.0	31,300*	150.0	34,500*	150.0	34,400		
150.9	30,800*	160.0	32,200	160.0	31,700	160.0	30,400	160.0	29,100	160.0	27,900	160.0	28,400*	160.0	32,600*	160.0	31,700		
		164.0	29,700*	170.0	29,200	170.0	28,100	170.0	26,800	170.0	25,700	164.0	26,400*	170.0	29,500*	170.0	29,200		
				170.6	29,100	177.1	26,600							170.6	29,300*	180.0	27,200		
								190.0	23,100	190.0	22,000					183.7	26,400		
								190.2	23,100	196.8	21,100					190.2	24,000		
																196.8	22,000		
																	200.0		
																	203.4		
																	20,000		
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	2	Reeves	2	Reeves	2		

100' Boom																	
170 ft Jib									180 ft Jib								
Boom Angle (deg.)									Boom Angle (deg.)								
88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)
59.0	55,500*																
60.0	55,400*																
65.0	54,900*											65.6	49,100*				
70.0	54,100*											70.0	48,700*				
75.0	52,700*											75.0	47,900*				
80.0	50,900*											80.0	46,700*				
85.0	49,000*	85.3	49,800*									85.0	45,000*	85.3	46,000*		
90.0	47,300*	90.0	48,200*									90.0	43,000*	90.0	44,600*		
95.0	45,500*	95.0	46,400*									95.0	41,200*	95.0	43,000*		
100.0	43,700*	100.0	44,600*	104.9	43,800*							100.0	39,500*	100.0	41,300*		
110.0	40,200*	110.0	41,300*	110.0	42,300*							110.0	36,400*	110.0	37,900*	111.5	39,000*
120.0	37,000*	120.0	38,100*	120.0	39,100*							120.0	33,700*	120.0	34,900*	120.0	36,300*
130.0	33,800*	130.0	34,900*	130.0	36,000*	131.2	36,500*					130.0	31,300*	130.0	32,400*	130.0	33,600*
140.0	30,800*	140.0	32,100*	140.0	33,200*	140.0	34,200*					140.0	29,000*	140.0	30,100*	140.0	31,200*
150.0	27,800*	150.0	29,300*	150.0	30,400*	150.0	31,500*	150.9	30,800			150.0	27,000*	150.0	28,100*	150.0	29,000*
160.0	25,000*	160.0	26,600*	160.0	27,800*	160.0	28,900*	160.0	28,500			160.0	25,200*	160.0	27,100*	160.0	28,000*
170.0	22,200*	170.0	23,900*	170.0	25,200*	170.0	26,300*	170.6	24,900	170.6	24,900	170.0	23,200*	170.0	24,500*	170.0	25,400*
170.6	22,000*	180.0	21,200*	180.0	22,800*	180.0	24,000*	180.0	24,300	180.0	23,100	180.0	20,600*	180.0	22,200*	180.0	23,300*
		183.7	20,200*	190.0	20,100*	190.0	21,600*	190.0	22,500	190.0	21,400	183.7	19,600*	190.0	21,200*	190.0	22,300*
				190.2	20,000*	196.8	20,000*			200.0	20,600	200.0	19,900	190.2	19,600*	200.0	20,200*
								209.9	18,200*	210.0	18,500					203.4	18,000*
										216.5	17,800						209.9
																216.5	17,800*
																	220.0
																	223.0
																	16,700
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

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 P13 and P14.

Luffing Jib Lifting Capacity Unit: lbs																							
100' Boom																							
190 ft Jib										200 ft Jib													
Boom Angle (deg.)										Boom Angle (deg.)													
88		83		78		73		68		63		88		83		78		73		68		63	
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)
65.6	44,300*																						
70.0	43,800*											72.1	39,200*										
75.0	43,000*											75.0	38,700*										
80.0	41,900*											80.0	37,800*										
85.0	40,400*											85.0	36,400*										
90.0	38,700*	91.8	39,900*									90.0	34,900*	91.8	35,900*								
95.0	37,100*	95.0	38,800*									95.0	33,500*	95.0	34,900*								
100.0	35,700*	100.0	37,200*									100.0	32,200*	100.0	33,500*								
110.0	33,000*	110.0	34,300*	118.1	33,500*							110.0	29,900*	110.0	31,000*	118.1	30,200*						
120.0	30,600*	120.0	31,700*	120.0	33,000*							120.0	27,800*	120.0	28,700*	120.0	29,800*						
130.0	28,400*	130.0	29,500*	130.0	30,400*	137.7	29,700*					130.0	25,800*	130.0	26,700*	130.0	27,800*						
140.0	26,500*	140.0	27,500*	140.0	28,400*	140.0	29,300*					140.0	24,100*	140.0	24,900*	140.0	25,800*	144.3	25,700*				
150.0	24,800*	150.0	25,700*	150.0	26,600*	150.0	27,300*					150.0	22,600*	150.0	23,300*	150.0	24,100*	150.0	24,800*				
160.0	23,100*	160.0	24,000*	160.0	24,700*	160.0	25,500*	164.0	25,500*			160.0	21,200*	160.0	21,900*	160.0	22,500*	160.0	23,200*	164.0	23,300*		
170.0	21,600*	170.0	22,500*	170.0	23,200*	170.0	23,900*	170.0	24,500*			170.0	19,900*	170.0	20,500*	170.0	21,200*	170.0	21,900*	170.0	22,500*		
180.0	20,300*	180.0	21,200*	180.0	21,800*	180.0	22,500*	180.0	23,200*	183.7	22,000	180.0	18,600*	180.0	19,300*	180.0	19,900*	180.0	20,500*	180.0	21,000*		
190.0	18,500*	190.0	19,800*	190.0	20,500*	190.0	21,200*	190.0	21,800*	190.0	20,900	190.0	17,600*	190.0	18,100*	190.0	18,700*	190.0	19,400*	190.0	19,800*	190.2	20,200*
190.2	18,500*	200.0	17,700*	200.0	18,900*	200.0	19,800*	200.0	20,500	200.0	19,400	200.0	16,400*	200.0	17,000*	200.0	17,700*	200.0	18,200*	200.0	18,700*	200.0	19,100
		203.4	16,900*	209.9	16,900*	210.0	18,000*	210.0	18,900	210.0	18,000	203.4	16,000*	209.9	16,000*	210.0	16,700*	210.0	17,100*	210.0	17,600*	210.0	17,800
						216.5	16,700*	220.0	17,100*	220.0	16,800					220.0	15,100*	220.0	16,000*	220.0	16,700*	220.0	16,600
								229.6	15,200*	230.0	15,800							223.0	14,500*	229.6	14,500*	230.0	15,300
										236.2	15,200									236.2	14,300*	240.0	14,300
																					242.7	14,100	

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 P13 and P14.

LIFTING CAPACITY

Luffing Jib Lifting Capacity																								Unit: lbs	
110' Boom																								Counterweight: 199,300 lbs, Carbody weight: 60,500 lbs	
70 ft Jib												80 ft Jib													
Boom Angle (deg.)												Boom Angle (deg.)													
88		83		78		73		68		63		88		83		78		73		68		63			
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)		
32.8	148,800*																								
34.0	147,900*																								
36.0	146,400*																								
38.0	144,900*																								
40.0	142,800*																								
42.0	139,400*																								
44.0	136,000*																								
46.0	132,500*																								
48.0	129,100*																								
50.0	125,700*	52.4	128,000																						
55.0	117,000*	55.0	124,200																						
60.0	108,300*	60.0	116,000																						
65.0	99,800*	65.0	104,900	65.6	100,000																				
70.0	91,200*	70.0	95,800	70.0	92,400																				
75.0	79,400*	75.0	87,700	75.0	84,600	78.7	76,900																		
78.7	68,700*	80.0	80,700	80.0	77,900	80.0	75,500																		
		85.0	74,600	85.0	72,200	85.0	69,900																		
		85.3	74,200	90.0	67,200	90.0	65,200	91.8	61,000																
				95.0	62,800	95.0	60,900	95.0	58,600																
				98.4	59,900	100.0	57,000	100.0	54,900	110.0	48,700	111.5	46,200												
								118.1	44,500	120.0	42,300	124.6	40,300												
Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6

110' Boom																									
90 ft Jib												100 ft Jib													
Boom Angle (deg.)												Boom Angle (deg.)													
88		83		78		73		68		63		88		83		78		73		68		63			
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)		
39.3	139,900*																								
40.0	139,100*																								
42.0	136,200*																								
44.0	133,400*																								
46.0	130,600*																								
48.0	127,800*																								
50.0	124,900*																								
55.0	117,900*	59.0	116,600																						
60.0	110,800*	60.0	114,700																						
65.0	103,800*	65.0	104,600																						
70.0	96,700*	70.0	95,400	72.1	87,900																				
75.0	89,000*	75.0	87,400	75.0	83,900																				
80.0	81,100*	80.0	80,400	80.0	77,200																				
85.0	74,400*	85.0	74,400	85.0	71,300																				
90.0	66,000*	90.0	69,400	90.0	66,500	91.8	62,800																		
95.0	57,300*	95.0	64,900	95.0	62,100	95.0	60,400																		
98.4	51,300*	100.0	60,800	100.0	58,200	100.0	56,600	104.9	50,700																
		104.9	57,300	110.0	51,600	110.0	50,200	110.0	47,800	120.0	42,900	124.6	39,600												
				118.1	47,100	120.0	45,000	120.0	42,900	124.6	39,600	130.0	37,700												
								131.2	38,300	140.0	34,300	144.3	32,800												
Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	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 P13 and P14.

Luffing Jib Lifting Capacity																						Unit: lbs	
Counterweight: 199,300 lbs, Carbody weight: 60,500 lbs																							
110' Boom											120' Boom												
110 ft Jib											120 ft Jib												
Boom Angle (deg.)											Boom Angle (deg.)												
88		83		78		73		68		63		88		83		78		73		68		63	
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)		
45.9	115,000*											45.9	101,100*										
46.0	115,000*											46.0	101,100*										
48.0	114,100*											48.0	100,900*										
50.0	113,300*											50.0	100,600*										
55.0	110,000*											55.0	99,700*										
60.0	105,600*											60.0	98,200*										
65.0	101,000*	65.6	102,500									65.0	95,300*	65.6	102,500								
70.0	96,200*	70.0	94,800									70.0	92,200*	70.0	94,700								
75.0	89,800*	75.0	86,900									75.0	87,900*	75.0	86,700								
80.0	82,500*	80.0	80,000									80.0	82,600*	80.0	79,800								
85.0	75,800*	85.0	73,900	85.3	70,700							85.0	76,600*	85.0	73,700	85.3	70,700						
90.0	70,000*	90.0	69,000	90.0	66,100							90.0	70,900*	90.0	68,600	90.0	66,100						
95.0	64,900*	95.0	64,500	95.0	61,800	98.4	57,000					95.0	65,700*	95.0	64,100	95.0	61,800						
100.0	60,200*	100.0	60,300	100.0	57,900	100.0	55,900					100.0	61,100*	100.0	60,100	100.0	57,900	104.9	52,200				
110.0	49,800*	110.0	53,600	110.0	51,400	110.0	49,600	118.1	43,200			110.0	53,500*	110.0	53,400	110.0	51,400	110.0	49,300				
118.1	40,300*	120.0	48,000	120.0	46,000	120.0	44,500	120.0	42,300			120.0	44,200*	120.0	47,800	120.0	46,000	120.0	44,100	124.6	40,300		
		124.6	45,800	130.0	41,500	130.0	40,100	130.0	38,300	137.7	34,300	124.6	39,600*	130.0	43,300	130.0	41,500	130.0	39,900	130.0	38,100	137.7	
				137.7	38,500			140.0	36,500	140.0	34,800	140.0	33,700	137.7	38,300*	140.0	37,800	140.0	36,200	140.0	34,800	140.0	
						144.3	35,000	150.0	31,800	150.0	30,700					144.3	36,300	150.0	33,100	150.0	31,800	150.0	
								150.9	31,500	160.0	28,200							150.9	32,800	160.0	29,100	160.0	
										164.0	27,300									164.0	28,200	170.0	
																						170.6	
																						25,700	

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 P13 and P14.

LIFTING CAPACITY

Luffing Jib Lifting Capacity Unit: lbs

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

110' Boom												
150 ft Jib						160 ft Jib						
Boom Angle (deg.)												
88		83		78		73		68		63		
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	
59.0	63,400*									59.0	54,000*	
60.0	63,200*									60.0	53,800*	
65.0	62,000*									65.0	52,800*	
70.0	61,200*									70.0	51,900*	
75.0	60,200*	78.7	61,500*							75.0	51,100*	
80.0	59,300*	80.0	61,200*							80.0	50,200*	
85.0	58,600*	85.0	60,200*							85.0	49,400*	
90.0	57,500*	90.0	59,300*							85.3	50,900*	
95.0	55,800*	95.0	58,600*	98.4	58,400					90.0	50,200*	
100.0	53,800*	100.0	57,600*	100.0	57,300					95.0	47,500*	
110.0	49,900*	110.0	52,900	110.0	50,700	118.1	44,300			100.0	45,900*	
120.0	46,500*	120.0	47,300	120.0	45,400	120.0	43,400			104.9	49,300*	
130.0	42,600*	130.0	42,800	130.0	41,000	130.0	39,200			110.0	48,700*	
140.0	37,900*	140.0	38,900	140.0	37,300	140.0	35,600	144.3	32,800	110.0	42,500*	
150.0	31,800*	150.0	35,700	150.0	34,200	150.0	32,600	150.0	31,100	120.0	39,600*	
157.4	26,800*	160.0	32,400	160.0	31,300	160.0	29,900	160.0	28,500	120.0	42,600*	
		164.0	30,600*	170.0	29,000	170.0	27,600	170.0	26,300	130.0	36,900*	
				170.6	28,800	180.0	25,600	180.0	24,400	130.0	39,600*	
					183.7	24,900	190.0	22,700	190.0	21,600	140.0	36,900*
							190.2	22,700	200.0	20,000	140.0	37,300
								203.4	19,600	164.0	26,600*	
										170.0	30,300	
										170.6	30,200	
										183.7	26,000	
										190.2	23,800	
										203.4	20,500	
										209.9	18,700	

Reeves 4 Reeves 4 Reeves 4 Reeves 4 Reeves 4 Reeves 4 Reeves 2 Reeves 2 Reeves 2 Reeves 2 Reeves 2 Reeves 2

110' Boom											
170 ft Jib						180 ft Jib					
Boom Angle (deg.)											
88		83		78		73		68		63	
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)
59.0	54,400*										
60.0	54,300*										
65.0	53,800*										
70.0	53,300*										
75.0	52,200*										
80.0	50,600*										
85.0	48,800*	85.3	49,600*								
90.0	47,100*	90.0	47,800*								
95.0	45,300*	95.0	46,100*								
100.0	43,500*	100.0	44,400*								
110.0	40,200*	110.0	41,000*	111.5	41,400*						
120.0	36,900*	120.0	38,000*	120.0	38,800*						
130.0	33,700*	130.0	34,900*	130.0	35,800*	131.2	36,300*				
140.0	30,800*	140.0	32,000*	140.0	33,100*	140.0	34,000*				
150.0	27,800*	150.0	29,300*	150.0	30,400*	150.0	31,300*	150.9	30,200		
160.0	25,100*	160.0	26,600*	160.0	27,800*	160.0	28,800*	160.0	28,000		
170.0	22,400*	170.0	23,900*	170.0	25,200*	170.0	26,300*	170.0	25,700	170.6	24,200
170.6	22,200*	180.0	21,200*	180.0	22,900*	180.0	24,000*	180.0	23,700	170.6	22,500
		183.7	20,200*	190.0	20,300*	190.0	21,600*	190.0	22,000	183.7	19,800
				190.2	20,200*	200.0	19,500*	200.0	20,400	190.2	19,800
					203.4	18,700*	209.9	18,500*		210.0	18,000
										220.0	16,800
										223.0	16,500

Reeves 2 Reeves 2 Reeves 2 Reeves 2 Reeves 2 Reeves 2 Reeves 2 Reeves 2 Reeves 2 Reeves 2 Reeves 2 Reeves 2

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 P13 and P14.

Luffing Jib Lifting Capacity																						Unit: lbs	
110' Boom																						Counterweight: 199,300 lbs, Carbody weight: 60,500 lbs	
190 ft Jib												200 ft Jib											
Boom Angle (deg.)												Boom Angle (deg.)											
88		83		78		73		68		63		88		83		78		73		68		63	
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)		
65.6	43,600*																						
70.0	43,200*											72.1	38,500*										
75.0	42,700*											75.0	38,300*										
80.0	41,900*											80.0	37,700*										
85.0	40,400*											85.0	36,200*										
90.0	38,700*	91.8	39,600*									90.0	34,800*										
95.0	37,100*	95.0	38,700*									95.0	33,500*	98.4	33,900*								
100.0	35,600*	100.0	37,200*									100.0	32,200*	100.0	33,500*								
110.0	32,900*	110.0	34,300*	118.1	33,500*							110.0	29,900*	110.0	31,000*								
120.0	30,600*	120.0	31,700*	120.0	33,000*							120.0	27,600*	120.0	28,700*	124.6	28,800*						
130.0	28,400*	130.0	29,500*	130.0	30,400*							130.0	25,700*	130.0	26,700*	130.0	27,800*						
140.0	26,500*	140.0	27,400*	140.0	28,400*	144.3	28,400*					140.0	24,100*	140.0	24,900*	140.0	25,800*	144.3	25,700*				
150.0	24,800*	150.0	25,700*	150.0	26,600*	150.0	27,300*					150.0	22,600*	150.0	23,300*	150.0	24,100*	150.0	24,800*				
160.0	23,100*	160.0	24,000*	160.0	24,700*	160.0	25,500*	164.0	25,500*			160.0	21,200*	160.0	21,900*	160.0	22,500*	160.0	23,200*				
170.0	21,600*	170.0	22,500*	170.0	23,200*	170.0	23,900*	170.0	24,500*			170.0	19,900*	170.0	20,500*	170.0	21,200*	170.0	21,900*	170.6	22,200*		
180.0	20,300*	180.0	21,200*	180.0	21,800*	180.0	22,500*	180.0	23,100	183.7	21,300	180.0	18,600*	180.0	19,300*	180.0	19,900*	180.0	20,500*	180.0	21,000*		
190.0	18,700*	190.0	19,800*	190.0	20,500*	190.0	21,200*	190.0	21,400	190.0	20,300	190.0	17,600*	190.0	18,100*	190.0	18,700*	190.0	19,400*	190.0	19,800*	190.2	20,000
190.2	18,700*	200.0	17,800*	200.0	18,900*	200.0	19,800*	200.0	19,900	200.0	18,800	200.0	16,400*	200.0	17,000*	200.0	17,700*	200.0	18,200*	200.0	18,600*	200.0	18,500
		203.4	17,100*	209.9	16,900*	210.0	18,000*	210.0	18,500	210.0	17,600	203.4	16,000*	209.9	16,000*	210.0	16,700*	210.0	17,100*	210.0	17,600*	210.0	17,100
						220.0	16,100*	220.0	17,000*	220.0	16,200					220.0	15,200*	220.0	16,000*	220.0	16,700*	220.0	16,000
						223.0	15,600*	229.6	15,400*	230.0	15,100					223.0	14,700*	229.6	14,500*	230.0	15,300*	230.0	14,900
										240.0	14,100									240.0	13,600*	240.0	13,900
										242.7	13,800									242.7	13,200*	249.3	13,000
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

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 P13 and P14.

Luffing Jib Lifting Capacity

Unit: lbs

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

120' Boom												120' Boom											
110 ft Jib						120 ft Jib																	
Boom Angle (deg.)												Boom Angle (deg.)											
88		83		78		73		68		63		88		83		78		73		68		63	
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)
45.9	111,100*											45.9	98,100*										
46.0	111,000*											46.0	98,000*										
48.0	110,700*											48.0	97,800*										
50.0	110,400*											50.0	97,500*										
55.0	108,200*											55.0	96,800*										
60.0	104,500*											60.0	96,100*										
65.0	100,100*	65.6	102,000									65.0	95,100*										
70.0	95,900*	70.0	94,400									70.0	92,200*	72.1	90,300								
75.0	89,800*	75.0	86,500									75.0	87,900*	75.0	86,300								
80.0	82,500*	80.0	79,600									80.0	82,600*	80.0	79,400								
85.0	76,000*	85.0	73,700	85.3	70,100							85.0	76,600*	85.0	73,500								
90.0	70,400*	90.0	68,600	90.0	65,500							90.0	71,000*	90.0	68,400	91.8	63,700						
95.0	65,200*	95.0	64,100	95.0	61,100							95.0	65,900*	95.0	63,900	95.0	61,100						
100.0	60,500*	100.0	60,100	100.0	57,300	104.9	51,800					100.0	61,300*	100.0	59,900	100.0	57,300						
110.0	50,400*	110.0	53,400	110.0	50,700	110.0	48,700					110.0	53,600*	110.0	53,100	110.0	50,700	111.5	47,600				
118.1	41,900*	120.0	47,800	120.0	45,600	120.0	43,700	124.6	39,400			120.0	44,700*	120.0	47,600	120.0	45,600	120.0	43,400	124.6	39,400		
		124.6	45,600	130.0	41,100	130.0	39,500	130.0	37,400	137.7	33,200	124.6	40,300*	130.0	43,000	130.0	41,100	130.0	39,200	130.0	37,300		
				137.7	38,100			144.3	34,600	150.0	31,100	150.0		137.7	39,600*	144.3	35,900	150.0	32,600	150.0	31,100	150.0	29,500
										157.4	29,300	160.0				157.4	30,600	160.0	28,500	164.0	27,500	170.0	25,000
												164.0						164.0	27,500	177.1	23,500	170.0	25,000
																				177.1	23,500	177.1	23,500

Reeves 4 Reeves 4

120' Boom												120' Boom											
130 ft Jib						140 ft Jib																	
Boom Angle (deg.)												Boom Angle (deg.)											
88		83		78		73		68		63		88		83		78		73		68		63	
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)
52.4	85,000*											52.4	74,900*										
55.0	84,700*											55.0	74,100*										
60.0	83,900*											60.0	72,400*										
65.0	82,800*											65.0	70,900*										
70.0	81,000*	72.1	84,200*									70.0	69,200*										
75.0	78,800*	75.0	82,700									75.0	67,600*	78.7	71,400*								
80.0	76,200*	80.0	79,300									80.0	65,900*	80.0	71,200*								
85.0	73,500*	85.0	73,300									85.0	64,200*	85.0	70,300*								
90.0	70,500*	90.0	68,300	91.8	63,700							90.0	62,700*	90.0	67,400								
95.0	66,500*	95.0	63,900	95.0	61,100							95.0	61,100*	95.0	63,700	98.4	58,200						
100.0	62,100*	100.0	59,900	100.0	57,300							100.0	59,400*	100.0	59,700	100.0	57,000						
110.0	54,400*	110.0	53,100	110.0	50,700	111.5	47,600					110.0	54,300*	110.0	53,000	110.0	50,500	118.1	44,000				
120.0	47,800*	120.0	47,600	120.0	45,400	120.0	43,400					120.0	48,100*	120.0	47,500	120.0	45,400	120.0	43,200				
130.0	40,200*	130.0	43,000	130.0	41,000	130.0	39,000	131.2	36,800			130.0	42,700*	130.0	42,800	130.0	40,800	130.0	39,000	137.7	34,300		
137.7	33,500*	140.0	39,100	140.0	37,300	140.0	35,600	140.0	33,900			140.0	35,900*	140.0	39,000	140.0	37,100	140.0	35,400	140.0	33,700		
		144.3	37,600	150.0	34,200	150.0	32,400	150.0	30,900	150.9	29,100	144.3	32,800*	150.0	35,700	150.0	34,000	150.0	32,400	150.0	30,800	157.4	27,300
				157.4	32,100	160.0	29,900	160.0	28,500	160.0	26,900			157.4	32,600*	160.0	31,300	160.0	29,800	160.0	28,200	160.0	26,800
						164.0	28,800	170.0	26,100	170.0	24,800					164.0	30,400	170.0	27,400	170.0	26,100	170.0	24,800
								177.1	24,900	180.0	23,100							177.1	26,000	180.0	24,200	180.0	22,800
										183.7	22,400									183.7	23,500	180.0	22,800
																					196.8	20,200	

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 P13 and P14.

LIFTING CAPACITY

Luffing Jib Lifting Capacity																						Unit: lbs	
Counterweight: 199,300 lbs, Carbody weight: 60,500 lbs																							
120' Boom											160 ft Jib												
150 ft Jib											160 ft Jib												
Boom Angle (deg.)											Boom Angle (deg.)												
88		83		78		73		68		63		88		83		78		73		68		63	
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)		
59.0	63,400*											59.0	54,000*										
60.0	63,200*											60.0	53,800*										
65.0	62,000*											65.0	52,800*										
70.0	61,200*											70.0	51,900*										
75.0	60,200*	78.7	61,500*									75.0	51,100*										
80.0	59,300*	80.0	61,200*									80.0	50,200*										
85.0	58,600*	85.0	60,400*									85.0	49,400*	85.3	51,100*								
90.0	57,500*	90.0	59,600*									90.0	48,700*	90.0	50,300*								
95.0	55,800*	95.0	58,700*									95.0	47,600*	95.0	49,600*								
100.0	53,800*	100.0	57,600*	104.9	53,300*							100.0	46,100*	100.0	48,900*	104.9	49,800*						
110.0	49,900*	110.0	52,700*	110.0	50,300*							110.0	42,600*	110.0	46,400*	110.0	48,900*						
120.0	46,500*	120.0	47,100*	120.0	44,900*	124.6	40,700*					120.0	39,600*	120.0	43,000*	120.0	44,900*						
130.0	42,600*	130.0	42,600*	130.0	40,600*	130.0	38,600*					130.0	37,100*	130.0	40,000*	130.0	40,600*	131.2	38,100*				
140.0	38,000*	140.0	38,700*	140.0	36,900*	140.0	35,000*	144.3	31,900*			140.0	34,500*	140.0	37,400*	140.0	36,900*	140.0	35,000*				
150.0	32,100*	150.0	35,500*	150.0	33,700*	150.0	32,000*	150.0	30,400*			150.0	31,700*	150.0	35,000*	150.0	33,700*	150.0	32,000*	150.9	30,200*		
157.4	27,300*	160.0	32,600*	160.0	31,000*	160.0	29,300*	160.0	27,800*	164.0	25,500*	160.0	28,700*	160.0	32,600*	160.0	31,000*	160.0	29,300*	160.0	27,800*	170.6	24,200*
		164.0	31,500*	170.0	28,500*	170.0	27,200*	170.0	25,600*	170.0	24,300*	164.0	27,100*	170.0	30,100*	170.0	28,500*	170.0	27,000*	170.0	25,600*	170.6	22,400*
				177.1	27,100*	180.0	25,200*	180.0	23,700*	180.0	22,400*			177.1	27,100*	180.0	26,500*	180.0	25,000*	180.0	23,700*	180.0	22,400*
						183.7	24,400*	190.0	22,000*	190.0	20,700*					183.7	25,700*	190.0	23,400*	190.0	22,000*	190.0	20,700*
								196.8	20,900*	200.0	19,400*							196.8	22,200*	200.0	20,500*	200.0	19,400*
										203.4	18,900*									203.4	20,000*	210.0	18,000*
																						216.5	17,100*
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

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 P13 and P14.

Luffing Jib Lifting Capacity																				Unit: lbs									
																				Counterweight: 199,300 lbs, Carbody weight: 60,500 lbs									
120' Boom																													
190 ft Jib										200 ft Jib																			
Boom Angle (deg.)										Boom Angle (deg.)																			
88		83		78		73		68		63		88		83		78		73		68		63							
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)				
65.6	42,700*																												
70.0	42,300*											72.1	37,900*																
75.0	41,800*											80.0	37,200*																
80.0	41,100*											85.0	36,200*																
85.0	40,100*											90.0	34,700*																
90.0	38,500*	91.8	39,600*									95.0	33,300*	98.4	33,900*														
95.0	36,900*	95.0	38,700*									100.0	32,000*	100.0	33,500*														
100.0	35,500*	100.0	37,200*									110.0	29,600*	110.0	31,000*														
110.0	32,800*	110.0	34,100*	118.1	33,500*							120.0	27,600*	120.0	28,700*	124.6	28,800*												
120.0	30,400*	120.0	31,700*	120.0	33,000*							130.0	25,700*	130.0	26,700*	130.0	27,600*												
130.0	28,200*	130.0	29,300*	130.0	30,400*							140.0	23,900*	140.0	24,700*	140.0	25,700*												
140.0	26,400*	140.0	27,300*	140.0	28,400*	144.3	28,400*					150.0	22,400*	150.0	23,200*	150.0	23,900*	150.9	24,600*										
150.0	24,600*	150.0	25,500*	150.0	26,400*	150.0	27,300*					160.0	21,000*	160.0	21,700*	160.0	22,500*	160.0	23,100*										
160.0	23,100*	160.0	23,900*	160.0	24,700*	160.0	25,500*					170.0	19,900*	170.0	20,300*	170.0	21,000*	170.0	21,600*	177.1	21,300*								
170.0	21,600*	170.0	22,300*	170.0	23,200*	170.0	23,900*	170.6	24,400			180.0	18,600*	180.0	19,200*	180.0	19,900*	180.0	20,400*	180.0	21,000*								
180.0	20,300*	180.0	21,000*	180.0	21,600*	180.0	22,300*	180.0	22,600			190.0	17,400*	190.0	17,900*	190.0	18,700*	190.0	19,200*	190.0	19,600*	196.8	18,200						
190.0	18,500*	190.0	19,800*	190.0	20,500*	190.0	20,900*	190.0	20,900	190.2	19,600	200.0	16,400*	200.0	17,000*	200.0	17,500*	200.0	18,200*	200.0	18,600*	200.0	17,800						
190.2	18,500*	200.0	17,700*	200.0	18,800*	200.0	19,600*	200.0	19,400	200.0	18,000	203.4	16,000*	210.0	16,000*	210.0	16,700*	210.0	17,100*	210.0	17,600*	210.0	16,500						
		203.4	16,900*	210.0	16,900*	210.0	17,800*	210.0	18,000	210.0	16,700		216.5	14,700*	220.0	15,100*	220.0	15,900*	220.0	16,500	220.0	15,400							
				216.5	15,600*	220.0	16,000*	220.0	16,700	220.0	15,700				223.0	14,500*	230.0	14,400*	230.0	15,100*	230.0	14,200							
						223.0	15,400*	230.0	15,100*	230.0	14,500						236.2	13,200*	240.0	13,400*	240.0	13,200							
								236.2	14,100*	240.0	13,600									242.7	13,000	250.0	12,300						
										242.7	13,400											255.9	11,900						
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

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 P13 and P14.

Luffing Jib Lifting Capacity																						Unit: lbs	
																						Counterweight: 199,300 lbs, Carbody weight: 60,500 lbs	
130' Boom																							
190 ft Jib										200 ft Jib													
Boom Angle (deg.)										Boom Angle (deg.)													
88		83		78		73		68		63		88		83		78		73		68		63	
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)		
65.6	41,800*																						
70.0	41,400*											72.1	37,200*										
75.0	40,900*											75.0	37,000*										
80.0	40,400*											80.0	36,600*										
85.0	39,900*											85.0	35,900*										
90.0	38,400*											90.0	34,600*										
95.0	36,900*	98.4	37,400*									95.0	33,300*	98.4	33,900*								
100.0	35,400*	100.0	37,000*									100.0	32,000*	100.0	33,500*								
110.0	32,700*	110.0	34,100*									110.0	29,600*	110.0	30,800*								
120.0	30,400*	120.0	31,500*	124.6	31,700*							120.0	27,400*	120.0	28,600*	124.6	28,600*						
130.0	28,200*	130.0	29,300*	130.0	30,400*							130.0	25,600*	130.0	26,600*	130.0	27,500*						
140.0	26,300*	140.0	27,300*	140.0	28,200*	144.3	28,400*					140.0	23,800*	140.0	24,700*	140.0	25,600*						
150.0	24,600*	150.0	25,500*	150.0	26,300*	150.0	27,300*					150.0	22,300*	150.0	23,000*	150.0	23,900*	150.9	24,600*				
160.0	23,000*	160.0	23,800*	160.0	24,700*	160.0	25,300*					160.0	21,000*	160.0	21,700*	160.0	22,300*	160.0	23,100*				
170.0	21,600*	170.0	22,300*	170.0	23,000*	170.0	23,800*	170.6	23,800			170.0	19,700*	170.0	20,300*	170.0	21,000*	170.0	21,600*	177.1	21,100*		
180.0	20,300*	180.0	21,000*	180.0	21,600*	180.0	22,300*	180.0	22,000			180.0	18,600*	180.0	19,200*	180.0	19,700*	180.0	20,300*	180.0	20,700*		
190.0	18,500*	190.0	19,600*	190.0	20,300*	190.0	20,900*	190.0	20,300	196.8	17,800	190.0	17,400*	190.0	18,100*	190.0	18,500*	190.0	19,200*	190.0	19,600*		
196.8	16,900*	200.0	17,600*	200.0	18,700*	200.0	19,400*	200.0	18,700	200.0	17,400	200.0	15,800*	200.0	17,000*	200.0	17,500*	200.0	17,900*	200.0	18,400	203.4	
		203.4	16,900*	210.0	16,900*	210.0	17,600*	210.0	17,400	210.0	16,000	203.4	14,700*	210.0	15,800*	210.0	16,500*	210.0	16,900*	210.0	17,100	210.0	
				216.5	15,600*	220.0	15,900*	220.0	16,200	220.0	14,900			216.5	14,700*	220.0	15,000*	220.0	15,800*	220.0	15,900	220.0	
						229.6	14,100*	230.0	15,100	230.0	13,800					223.0	14,500*	230.0	14,200*	230.0	14,900	230.0	
								236.2	14,100*	240.0	12,800							236.2	13,200*	240.0	13,300*	240.0	
										249.3	12,100									249.3	11,900*	250.0	
																					255.9	11,200	
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

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 P13 and P14.

LIFTING CAPACITY

Luffing Jib Lifting Capacity Unit: lbs

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

140' Boom																																															
70 ft Jib														80 ft Jib																																	
Boom Angle (deg.)														Boom Angle (deg.)																																	
88				83				78				73				68				63				88				83				78				73				68				63			
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)												
39.3	119,000*															39.3	119,000*																														
40.0	119,000*															40.0	119,000*																														
42.0	119,000*															42.0	119,000*																														
44.0	119,000*															44.0	119,000*																														
46.0	119,000*															46.0	119,000*																														
48.0	118,500*															48.0	118,800*																														
50.0	118,000*															50.0	118,600*																														
55.0	114,100*	52.4	119,000													55.0	115,300*	59.0	116,400																												
60.0	107,400*	60.0	114,700													60.0	109,200*	60.0	114,300																												
65.0	100,800*	65.0	103,600													65.0	103,000*	65.0	103,600																												
70.0	94,100*	70.0	94,400	72.1	86,100											70.0	96,900*	70.0	94,400																												
75.0	83,200*	75.0	86,500	75.0	82,300											75.0	89,600*	75.0	85,500	78.7	76,700																										
78.7	72,500*	80.0	79,600	80.0	75,700											80.0	80,600*	80.0	79,600	80.0	75,300																										
		85.0	73,700	85.0	70,000											85.0	69,800*	85.0	73,700	85.0	69,700																										
		90.0	68,600	90.0	65,200	91.8	60,600									85.3	69,200*	90.0	68,600	90.0	65,000	91.8	60,600																								
		91.8	66,700	95.0	60,900	95.0	58,300									95.0	64,100	95.0	60,700	95.0	58,200																										
				100.0	57,100	100.0	54,700	104.9	48,500							98.4	61,200	100.0	56,800	100.0	54,400																										
				104.9	53,700	110.0	48,500	110.0	45,800																																						
						111.5	47,600	120.0	41,000	124.6	37,200																																				
								124.6	39,000	130.0	35,200																																				
										137.7	32,600																																				
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4										

140' Boom																																															
90 ft Jib														100 ft Jib																																	
Boom Angle (deg.)														Boom Angle (deg.)																																	
88				83				78				73				68				63				88				83				78				73				68				63			
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)										
39.3	119,000*																																														
40.0	119,000*																																														
42.0	119,000*																																														
44.0	119,000*																																														
46.0	118,900*																																														
48.0	117,100*																																														
50.0	115,200*																																														
55.0	110,500*	59.0	115,200																																												
60.0	105,700*	60.0	113,300																																												
65.0	100,900*	65.0	103,300																																												
70.0	96,100*	70.0	94,200																																												
75.0	89,700*	75.0	86,300	78.7	76,200																																										
80.0	82,200*	80.0	79,400	80.0	74,800																																										
85.0	75,300*	85.0	73,500	85.0	69,300																																										
90.0	67,800*	90.0	68,400	90.0	64,500																																										
95.0	59,600*	95.0	63,900	95.0	60,300	98.4	55,100																																								
98.4	53,700*	100.0	59,900	100.0	56,400	100.0	54,000																																								
		110.0	53,200	110.0	50,000	110.0	47,800	118.1	40,700																																						
		111.5	52,200	120.0	44,800	120.0	42,900	120.0	40,000																																						
				124.6	42,700	130.0	38,800	130.0	36,100	137.7	31,900																																				
						131.2	38,300	140.0	32,800	140.0	31,300																																				
								144.3	31,500	150.0	28,600																																				
										157.4	26,800																																				
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	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 P13 and P14.

LIFTING CAPACITY

Luffing Jib Lifting Capacity																				Unit: lbs			
																			Counterweight: 199,300 lbs, Carbody weight: 60,500 lbs				
140' Boom																							
150 ft Jib										160 ft Jib													
Boom Angle (deg.)										Boom Angle (deg.)													
88		83		78		73		68		63		88		83		78		73		68		63	
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)
59.0	63,400*											59.0	54,000*										
60.0	63,300*											60.0	53,800*										
65.0	62,200*											65.0	52,800*										
70.0	61,200*											70.0	51,900*										
75.0	60,200*											75.0	51,100*										
80.0	59,300*											80.0	50,200*										
85.0	58,600*	85.3	60,600*									85.0	49,400*	85.3	51,500*								
90.0	57,500*	90.0	59,800*									90.0	48,700*	90.0	50,700*								
95.0	55,800*	95.0	59,100*									95.0	47,600*	95.0	49,900*								
100.0	53,800*	100.0	57,700*	104.9	52,000							100.0	46,200*	100.0	49,100*								
110.0	50,100*	110.0	52,000	110.0	49,100							110.0	42,800*	110.0	47,100*	111.5	48,200						
120.0	46,500*	120.0	46,600	120.0	43,900							120.0	39,800*	120.0	43,600*	120.0	44,000						
130.0	42,800*	130.0	42,100	130.0	39,700	131.2	36,800					130.0	37,100*	130.0	40,400*	130.0	39,700	137.7	34,600				
140.0	38,300*	140.0	38,200	140.0	36,000	140.0	33,700					140.0	34,500*	140.0	37,800	140.0	36,000	140.0	33,800				
150.0	32,700*	150.0	35,100	150.0	32,900	150.0	30,800	150.9	28,600			150.0	31,700*	150.0	35,100	150.0	32,900	150.0	30,800	157.4	26,800		
157.4	27,900*	160.0	32,100	160.0	30,200	160.0	28,200	160.0	26,300	160.0	26,300	160.0	29,200*	160.0	32,200	160.0	30,200	160.0	28,200	160.0	26,300	160.0	26,300
		170.0	29,200	170.0	27,900	170.0	26,100	170.0	24,300	177.1	21,300	164.0	27,700*	170.0	29,700	170.0	27,900	170.0	26,100	170.0	24,300	183.7	20,200
		170.6	29,100*	177.1	26,400	180.0	24,100	180.0	22,400	180.0	20,900	177.1	28,200	180.0	25,800	180.0	24,100	180.0	22,400	180.0	20,900	200.0	17,800
						190.0	22,300	190.0	20,700	190.0	19,200					190.0	24,000	190.0	22,300	190.0	20,700	190.0	19,200
						190.2	22,200	200.0	19,400	200.0	17,800					190.2	24,000	200.0	20,700	200.0	19,400	200.0	17,800
								203.4	18,900		216.5	16,000						203.4	20,000	209.9	18,000	223.0	15,200
																						223.0	15,200
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

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 P13 and P14.

Luffing Jib Lifting Capacity																						Unit: lbs	
																						Counterweight: 199,300 lbs, Carbody weight: 60,500 lbs	
140' Boom																							
190 ft Jib										200 ft Jib													
Boom Angle (deg.)										Boom Angle (deg.)													
88		83		78		73		68		63		88		83		78		73		68		63	
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)		
65.6	41,200*											72.1	36,500*										
70.0	40,700*											75.0	36,400*										
75.0	40,200*											80.0	36,000*										
80.0	39,700*											85.0	35,700*										
85.0	39,200*											90.0	34,400*										
90.0	38,100*											95.0	33,100*	98.4	33,700*								
95.0	36,700*	98.4	37,400*									100.0	31,800*	100.0	33,300*								
100.0	35,200*	100.0	37,000*									110.0	29,400*	110.0	30,700*								
110.0	32,600*	110.0	34,100*									120.0	27,300*	120.0	28,400*								
120.0	30,200*	120.0	31,500*	124.6	31,700*							130.0	25,500*	130.0	26,400*	131.2	27,300*						
130.0	28,000*	130.0	29,100*	130.0	30,300*							140.0	23,800*	140.0	24,700*	140.0	25,600*						
140.0	26,300*	140.0	27,100*	140.0	28,200*							150.0	22,300*	150.0	23,000*	150.0	23,900*	157.4	23,300*				
150.0	24,600*	150.0	25,500*	150.0	26,100*	150.9	26,800*					160.0	20,900*	160.0	21,700*	160.0	22,300*	160.0	23,000*				
160.0	23,000*	160.0	23,800*	160.0	24,400*	160.0	25,300*					170.0	19,700*	170.0	20,300*	170.0	21,000*	170.0	21,400*				
170.0	21,400*	170.0	22,300*	170.0	23,000*	170.0	23,600*	177.1	21,800			180.0	18,500*	180.0	19,100*	180.0	19,600*	180.0	20,200*	183.7	20,200		
180.0	20,300*	180.0	21,000*	180.0	21,600*	180.0	22,200*	180.0	21,300			190.0	17,400*	190.0	18,100*	190.0	18,500*	190.0	18,900*	190.0	19,200		
190.0	18,500*	190.0	19,600*	190.0	20,300*	190.0	20,700*	190.0	19,600	196.8	16,900	200.0	14,500*	200.0	15,200	200.0	15,500*	200.0	16,500*	203.4	15,800		
196.8	16,900*	200.0	17,600*	200.0	18,500*	200.0	19,000*	200.0	18,000	200.0	16,500	203.4	13,400*	210.0	15,800*	210.0	16,500*	210.0	17,500*	210.0	18,000*	203.4	15,800
		203.4	16,900*	210.0	16,700*	210.0	17,400*	210.0	16,900	210.0	15,200			216.5	14,500*	216.5	15,500*	220.0	17,900*	220.0	18,800*	203.4	15,800
				216.5	15,400*	220.0	15,700*	220.0	15,700	220.0	14,200							220.0	15,500*	220.0	15,400	210.0	14,900
						229.6	14,100*	230.0	14,700	230.0	12,900							230.0	14,000*	230.0	14,200	230.0	12,700
								240.0	13,200*	240.0	12,100							240.0	12,300*	240.0	13,100	240.0	11,700
								242.7	12,700*	250.0	11,100							242.7	11,900*	249.3	11,600*	250.0	10,900
										255.9	10,800									262.4	9,900	260.0	10,000
																						262.4	9,900

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 P13 and P14.

LIFTING CAPACITY

Luffing Jib Lifting Capacity

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

150' Boom												150' Boom												
70 ft Jib						80 ft Jib						90 ft Jib						100 ft Jib						
Boom Angle (deg.)												Boom Angle (deg.)												
88		83		78		73		68		63		88		83		78		73		68		63		
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	
39.3	119,000*											39.3	119,000*											
40.0	119,000*											40.0	119,000*											
42.0	119,000*											42.0	119,000*											
44.0	119,000*											44.0	119,000*											
46.0	119,000*											46.0	118,900*											
48.0	118,300*											48.0	116,900*											
50.0	117,600*	52.4	119,000									50.0	114,900*											
55.0	113,700*	55.0	118,000									55.0	110,000*	59.0	115,900									
60.0	107,400*	60.0	114,300									60.0	105,400*	60.0	113,900									
65.0	100,800*	65.0	103,200									65.0	100,800*	65.0	103,100									
70.0	94,900*	70.0	94,000	72.1	85,300							70.0	96,100*	70.0	94,000									
75.0	84,300*	75.0	86,000	75.0	81,500							75.0	89,600*	75.0	86,000	78.7	76,000							
78.7	73,600*	80.0	79,200	80.0	75,000							80.0	81,100*	80.0	79,200	80.0	74,600							
		85.0	73,300	85.0	69,300							85.0	70,700*	85.0	73,300	85.0	68,900							
		90.0	68,200	90.0	64,500	91.8	59,700					90.0	68,200	90.0	68,300	90.0	64,300							
		91.8	66,300	95.0	60,400	95.0	57,400					95.0	63,900	95.0	60,000	98.4	54,600							
				100.0	56,600	100.0	53,800					98.4	61,000	100.0	56,200	100.0	53,600							
				104.9	53,100	110.0	47,800																	
						118.1	43,600																	
								120.0	40,100	124.6	36,100													
										130.0	36,100	130.0	34,300											
										131.2	35,700	140.0	31,100											

LIFTING CAPACITY

Luffing Jib Lifting Capacity Unit: lbs																								
Counterweight: 199,300 lbs, Carbody weight: 60,500 lbs																								
150' Boom												160' Jib												
150 ft Jib												160 ft Jib												
Boom Angle (deg.)												Boom Angle (deg.)												
88				83				78				73				68				63				
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)			
59.0	61,900*													59.0	54,200*									
60.0	61,800*													60.0	54,000*									
65.0	61,300*													65.0	53,000*									
70.0	60,800*													70.0	52,000*									
75.0	60,200*													75.0	51,100*									
80.0	59,500*													80.0	50,200*									
85.0	58,600*	85.3	60,800*											85.0	49,400*	85.3	51,800*							
90.0	57,600*	90.0	60,000*											90.0	48,700*	90.0	50,800*							
95.0	55,900*	95.0	59,200*											95.0	47,700*	95.0	50,000*							
100.0	53,800*	100.0	57,700*											100.0	46,300*	100.0	49,300*							
110.0	50,100*	110.0	51,600*	111.5	47,600*									110.0	42,800*	110.0	47,400*	111.5	47,800*					
120.0	46,500*	120.0	46,200*	120.0	43,400*									120.0	39,800*	120.0	44,100*	120.0	43,400*					
130.0	43,000*	130.0	41,700*	130.0	39,000*	131.2	36,100*							130.0	37,100*	130.0	40,900*	130.0	39,200*	137.7	33,900*			
140.0	38,500*	140.0	38,000*	140.0	35,600*	140.0	33,200*							140.0	34,500*	140.0	38,000*	140.0	35,600*	140.0	33,200*			
150.0	32,900*	150.0	34,700*	150.0	32,400*	150.0	30,200*	157.4	26,200*					150.0	31,700*	150.0	34,800*	150.0	32,400*	150.0	30,200*			
157.4	28,200*	160.0	31,900*	160.0	29,800*	160.0	27,800*	160.0	25,700*	160.0	23,700*	177.1	20,500*	160.0	29,300*	160.0	32,000*	160.0	29,800*	160.0	27,800*	164.0	24,900*	
		170.0	29,400*	170.0	27,400*	170.0	25,400*	170.0	23,700*	170.0	21,700*	180.0	20,100*	170.0	27,900*	170.0	29,400*	170.0	27,400*	170.0	25,600*	170.0	23,700*	
		170.5	29,300*	170.5	25,500*	180.0	23,600*	180.0	21,700*	180.0	20,100*	190.0	18,500*	180.0	25,500*	180.0	27,900*	180.0	25,500*	180.0	23,600*	190.0	21,800*	
				183.7	24,900*	190.0	21,800*	190.0	20,300*	190.0	18,500*	200.0	17,300*	190.0	23,600*	190.0	26,000*	190.0	23,600*	190.0	21,800*	203.4	19,800*	
					196.8	20,900*	200.0	18,700*	200.0	17,300*	200.0	16,000*	210.0	14,000*	200.0	23,500*	200.0	26,000*	200.0	24,000*	200.0	22,000*	210.0	17,600*
						209.9	17,600*	216.5	15,400*	216.5	14,000*	229.6	12,300*	229.6	18,200*	229.6	20,700*	229.6	19,800*	229.6	18,000*	236.2	13,800*	
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	

150' Boom																							
170 ft Jib											180 ft Jib												
Boom Angle (deg.)											Boom Angle (deg.)												
88				83				78				73				68				63			
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)		
65.6	49,300*													65.6	44,500*								
70.0	48,900*													70.0	44,000*								
75.0	48,400*													75.0	43,500*								
80.0	47,900*													80.0	43,000*								
85.0	47,400*													85.0	42,500*								
90.0	45,900*	91.8	45,800*											90.0	42,000*	91.8	43,200*						
95.0	44,300*	95.0	44,800*											95.0	40,800*	95.0	42,300*						
100.0	42,600*	100.0	43,100*											100.0	39,100*	100.0	40,900*						
110.0	39,300*	110.0	39,900*	118.1	38,100*									110.0	35,900*	110.0	37,700*						
120.0	36,200*	120.0	36,900*	120.0	37,500*									120.0	33,200*	120.0	34,700*	124.6	34,800*				
130.0	33,200*	130.0	34,000*	130.0	34,700*									130.0	30,900*	130.0	32,200*	130.0	33,400*				
140.0	30,200*	140.0	31,300*	140.0	32,000*	144.3	31,300*							140.0	28,800*	140.0	29,900*	140.0	31,000*				
150.0	27,500*	150.0	28,600*	150.0	29,500*	150.0	29,500*							150.0	26,800*	150.0	27,900*	150.0	28,800*	150.9	29,100*		
160.0	24,800*	160.0	26,000*	160.0	27,100*	160.0	27,100*							160.0	25,100*	160.0	26,000*	160.0	26,800*	160.0	26,900*		
170.0	22,200*	170.0	23,700*	170.0	24,800*	170.0	25,000*	170.6	22,900*					170.0	23,000*	170.0	23,900*	170.0	24,800*	170.0	24,800*	170.6	22,700*
177.1	20,200*	180.0	21,300*	180.0	22,400*	180.0	23,100*	180.0	21,100*	180.0	21,100*	190.2	17,800*	180.0	20,700*	180.0	21,900*	180.0	22,700*	180.0	22,800*	180.0	21,100*
		190.0	18,800*	190.0	20,300*	190.0	21,200*	190.0	19,600*	190.2	17,800*	190.2	17,800*	183.7	19,800*	190.0	19,600*	190.0	20,700*	190.0	21,200*	190.0	19,400*
		190.2	18,700*	200.0	18,100*	200.0	19,200*	200.0	18,000*	200.0	16,500*	210.0	15,200*	196.8	18,200*	200.0	18,700*	200.0	19,500*	200.0	18,000*	200.0	16,300*
				203.4	17,400*	210.0	17,100*	210.0	16,900*	210.0	15,200*	220.0	14,000*	209.9	16,700*	210.0	17,600*	210.0	17,600*	210.0	16,700*	210.0	14,900*
					216.5	15,800*	220.0	15,700*	220.0	14,500*	230.0	12,900*	236.2	12,300*	223.0	15,400*	223.0	15,400*	223.0	15,400*	230.0	14,500*	
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

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 P13 and P14.

Luffing Jib Lifting Capacity																								Unit: lbs											
Counterweight: 199,300 lbs, Carbody weight: 60,500 lbs																																			
190' Boom												200' Boom																							
190 ft Jib												200 ft Jib																							
Boom Angle (deg.)												Boom Angle (deg.)																							
88			83			78			73			68			63			88			83			78			73			68			63		
Load Radius (ft)	Rated Load (lbs)	Reeves	Load Radius (ft)	Rated Load (lbs)	Reeves	Load Radius (ft)	Rated Load (lbs)	Reeves	Load Radius (ft)	Rated Load (lbs)	Reeves	Load Radius (ft)	Rated Load (lbs)	Reeves	Load Radius (ft)	Rated Load (lbs)	Reeves	Load Radius (ft)	Rated Load (lbs)	Reeves	Load Radius (ft)	Rated Load (lbs)	Reeves	Load Radius (ft)	Rated Load (lbs)	Reeves	Load Radius (ft)	Rated Load (lbs)	Reeves						
65.6	40,300*																																		
70.0	39,900*														72.1	35,900*																			
75.0	39,300*														75.0	35,700*																			
80.0	38,800*														80.0	35,400*																			
85.0	38,300*														85.0	35,000*																			
90.0	37,800*														90.0	34,200*																			
95.0	36,700*	98.4	37,400*												95.0	33,100*	98.4	33,700*																	
100.0	35,200*	100.0	37,000*												100.0	31,800*	100.0	33,300*																	
110.0	32,600*	110.0	34,100*												110.0	29,400*	110.0	30,700*																	
120.0	30,100*	120.0	31,500*	124.6	31,700*										120.0	27,300*	120.0	28,400*																	
130.0	28,000*	130.0	29,100*	130.0	30,300*										130.0	25,300*	130.0	26,400*	131.2	27,300*															
140.0	26,200*	140.0	27,100*	140.0	28,200*										140.0	23,700*	140.0	24,700*	140.0	25,500*															
150.0	24,400*	150.0	25,300*	150.0	26,100*	150.9	26,800*								150.0	22,200*	150.0	23,000*	150.0	23,700*	157.4	23,300*													
160.0	22,900*	160.0	23,600*	160.0	24,400*	160.0	25,300*								160.0	20,800*	160.0	21,400*	160.0	22,200*	160.0	22,900*													
170.0	21,400*	170.0	22,300*	170.0	23,000*	170.0	23,600*	177.1	21,100						170.0	19,600*	170.0	20,300*	170.0	20,800*	170.0	21,400*													
180.0	20,200*	180.0	21,000*	180.0	21,600*	180.0	22,100*	180.0	20,600						180.0	18,400*	180.0	19,100*	180.0	19,600*	180.0	20,100*	183.7	19,600											
190.0	18,500*	190.0	19,400*	190.0	20,100*	190.0	20,500*	190.0	19,000						190.0	16,600*	190.0	17,800*	190.0	18,500*	190.0	18,900*	190.0	18,700											
196.8	16,900*	200.0	17,600*	200.0	18,400*	200.0	18,800*	200.0	17,600	203.4	15,400				200.0	13,300*	200.0	16,800*	200.0	17,500*	200.0	17,800*	200.0	17,400	209.9	14,100									
		209.9	15,400*	210.0	16,500*	210.0	17,100*	210.0	16,300	210.0	14,500				203.4	12,300*	210.0	15,800*	210.0	16,500*	210.0	16,700*	210.0	16,000	210.0	14,100									
				220.0	14,800*	220.0	15,700*	220.0	15,100	220.0	13,400						216.5	14,500*	220.0	14,800*	220.0	15,400*	220.0	14,800	220.0	13,000									
				223.0	14,300*	230.0	14,000*	230.0	14,000	230.0	12,300								229.6	13,200*	230.0	13,800*	230.0	13,600	230.0	12,000									
						236.2	13,000*	240.0	13,000	240.0	11,400										240.0	12,300	240.0	12,600	240.0	11,000									
								242.7	12,700	250.0	10,500										242.7	11,900	250.0	11,500*	250.0	10,200									
										255.9	10,100											255.9	10,500*	260.0	9,400	260.0	8,800								

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 P13 and P14.

LIFTING CAPACITY

Luffing Jib Lifting Capacity																				Unit: lbs					
																				Counterweight: 199,300 lbs, Carbody weight: 60,500 lbs					
160' Boom																									
70 ft Jib										80 ft Jib															
Boom Angle (deg.)										Boom Angle (deg.)															
88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63								
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)								
39.3	119,000*											39.3	105,800*												
40.0	119,000*											40.0	105,500*												
42.0	119,000*											42.0	104,500*												
44.0	119,000*											44.0	103,600*												
46.0	119,000*											46.0	102,600*												
48.0	118,100*											48.0	101,600*												
50.0	117,200*											50.0	100,600*												
55.0	112,600*	59.0	115,900			55.0	98,200*	59.0	115,500			55.0	98,200*	59.0	115,500										
60.0	105,500*	60.0	113,800			60.0	95,800*	60.0	113,400			60.0	95,800*	60.0	113,400										
65.0	98,300*	65.0	102,900			65.0	93,300*	65.0	102,500			65.0	93,300*	65.0	102,500										
70.0	91,800*	70.0	93,800			70.0	90,900*	70.0	93,500			70.0	90,900*	70.0	93,500										
75.0	82,200*	75.0	85,800	78.7	75,800	75.0	86,800*	75.0	85,600	78.7	75,300	75.0	86,800*	75.0	85,600	78.7	75,300								
78.7	73,100*	80.0	78,900	80.0	74,400	80.0	80,500*	80.0	78,700	80.0	74,000	80.0	80,500*	80.0	78,700	80.0	74,000								
		85.0	73,100	85.0	68,800	85.0	71,900*	85.0	72,800	85.0	68,400	85.0	71,900*	85.0	72,800	85.0	68,400								
		90.0	68,100	90.0	64,100	90.0	71,400*	90.0	67,900	90.0	63,800	90.0	67,900	90.0	63,800										
		91.8	66,300	95.0	59,900	98.4	54,200	95.0	63,500	95.0	59,600	98.4	53,700	95.0	63,500	95.0	59,600	98.4	53,700						
				100.0	56,200	100.0	53,200	100.0	59,500	100.0	55,800	100.0	52,700	100.0	59,500	100.0	55,800	100.0	52,700						
				104.9	52,600	110.0	47,100	104.9	55,900	110.0	49,400	110.0	46,700	104.9	55,900	110.0	49,400	110.0	46,700	118.1	39,600				
				118.1	42,900	120.0	39,300											118.1	41,900	120.0	38,900				
						130.0	35,500	131.2	33,000									130.0	37,700	130.0	35,000	137.7	30,600		
								140.0	30,400									140.0	37,200	140.0	31,800	140.0	29,900		
								144.3	29,100									144.3	30,600	150.0	27,300	157.4	25,500		
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

160' Boom																									
90 ft Jib										100 ft Jib															
Boom Angle (deg.)										Boom Angle (deg.)															
88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63								
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)								
39.3	89,200*																								
40.0	89,200*																								
42.0	89,200*																								
44.0	89,200*																								
46.0	89,200*																								
48.0	89,200*																								
50.0	89,200*																								
55.0	89,200*																								
60.0	89,200*																								
65.0	89,200*	65.6	89,200			65.0	89,200*	65.6	89,200			65.0	89,200*	65.6	89,200										
70.0	89,200*	70.0	89,200			70.0	89,200*	70.0	89,100			70.0	89,200*	70.0	89,100										
75.0	86,700*	75.0	85,300			75.0	86,800*	75.0	85,000			75.0	86,800*	75.0	85,000										
80.0	81,900*	80.0	78,500			80.0	82,100*	80.0	78,300			80.0	82,100*	80.0	78,300										
85.0	76,600*	85.0	72,600	85.3	67,600	85.0	76,400*	85.0	72,400			85.0	76,400*	85.0	72,400										
90.0	69,400*	90.0	67,700	90.0	63,400	90.0	71,100*	90.0	67,500	91.8	61,200	90.0	71,100*	90.0	67,500	91.8	61,200								
95.0	61,400*	95.0	63,200	95.0	59,100	95.0	65,900*	95.0	63,000	95.0	58,800	95.0	65,900*	95.0	63,000	95.0	58,800								
98.4	55,500*	100.0	59,200	100.0	55,300	104.9	49,100	100.0	60,200*	100.0	59,000	100.0	55,100	100.0	60,200*	100.0	59,000	100.0	55,100						
		111.5	51,500	120.0	44,000	120.0	41,500	104.9	53,300*	110.0	52,500	110.0	48,900	111.5	45,100	110.0	52,500	110.0	48,900	111.5	45,100				
				124.6	41,800	130.0	37,400											120.0	46,900	120.0	43,800	120.0	41,100		
				137.7	34,600	140.0	31,500	144.3	28,200									124.6	44,700	137.7	36,500	140.0	33,700		
						150.0	28,600	150.0	26,800									150.0	30,800	150.0	28,400	150.0	26,000		
						150.9	28,400	160.0	24,600									150.9	30,600	160.0	26,000	160.0	24,400		
						164.0	23,800										164.0	25,100	170.0	22,300	177.1	21,100			
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	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 P13 and P14.

LIFTING CAPACITY

Luffing Jib Lifting Capacity Unit: lbs

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

160' Boom												160' Jib																							
150 ft Jib						160 ft Jib						150 ft Jib						160 ft Jib																	
Boom Angle (deg.)												Boom Angle (deg.)																							
88			83			78			73			68			63			88			83			78			73			68			63		
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)						
59.0	59,500*															59.0	53,700*																		
60.0	59,500*															60.0	53,600*																		
65.0	59,500*															65.0	52,900*																		
70.0	59,500*															70.0	52,000*																		
75.0	59,500*															75.0	51,100*																		
80.0	59,300*															80.0	50,200*																		
85.0	58,600*	85.3	58,800*													85.0	49,400*	85.3	51,800*																
90.0	57,600*	90.0	58,300*													90.0	48,700*	90.0	51,000*																
95.0	56,000*	95.0	57,800*													95.0	47,700*	95.0	50,100*																
100.0	54,000*	100.0	56,700*													100.0	46,300*	100.0	49,300*																
110.0	50,100*	110.0	51,400*	111.5	46,900											110.0	42,800*	110.0	47,800*	118.1	43,800														
120.0	46,500*	120.0	46,000*	120.0	42,800											120.0	39,800*	120.0	44,500*	120.0	42,900														
130.0	43,000*	130.0	41,500*	130.0	38,600	137.7	33,000									130.0	37,100*	130.0	41,100*	130.0	38,600	137.7	33,000												
140.0	38,700*	140.0	37,800*	140.0	35,000	140.0	32,400									140.0	34,300*	140.0	37,800*	140.0	35,100	140.0	32,400												
150.0	33,200*	150.0	34,400*	150.0	32,000	150.0	29,500	157.4	25,300							150.0	31,700*	150.0	34,600*	150.0	32,000	150.0	29,500												
157.4	28,400*	160.0	31,700*	160.0	29,300	160.0	27,100	160.0	24,800						160.0	29,500*	160.0	31,800*	160.0	29,300	160.0	27,100	164.0	24,000											
		170.0	29,200	170.0	27,000	170.0	25,000	170.0	22,800						164.0	28,200*	170.0	29,200	170.0	27,200	170.0	25,000	170.0	22,800											
		170.6	29,100							183.7	18,700						177.1	27,700																	
				183.7	24,400	190.0	21,400	190.0	19,600	190.0	17,600										190.0	23,400	190.0	21,400	190.0	19,600	190.2	17,600							
				196.8	20,200	200.0	18,000	200.0	16,300	210.0	15,200										209.9	18,500	209.9	18,500	210.0	15,200	210.0	15,200							
										220.0	14,000																								
										223.0	13,600																								
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2						

160' Boom												180' Jib																							
170 ft Jib						180 ft Jib						170 ft Jib						180 ft Jib																	
Boom Angle (deg.)												Boom Angle (deg.)																							
88			83			78			73			68			63			88			83			78			73			68			63		
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)						
65.6	48,000*															65.6	43,400*																		
70.0	47,600*															70.0	42,900*																		
75.0	47,100*															75.0	42,400*																		
80.0	46,600*															80.0	41,900*																		
85.0	46,100*															85.0	41,400*																		
90.0	45,400*	91.8	45,600*													90.0	40,900*																		
95.0	44,100*	95.0	44,500*													95.0	40,100*	96.4	41,200*																
100.0	42,400*	100.0	42,900*													100.0	38,900*	100.0	40,700*																
110.0	39,100*	110.0	39,700*	118.1	37,600*											110.0	35,900*	110.0	37,500*																
120.0	36,000*	120.0	36,600*	120.0	37,100*											120.0	33,200*	120.0	34,700*	124.6	34,600*														
130.0	33,000*	130.0	33,800*	130.0	34,200*											130.0	30,800*	130.0	32,000*	130.0	33,300*														
140.0	30,000*	140.0	31,100*	140.0	31,600*	144.3	30,400									140.0	28,600*	140.0	29,700*	140.0	31,000*														
150.0	27,300*	150.0	28,400*	150.0	29,100*	150.0	28,900									150.0	26,800*	150.0	27,700*	150.0	28,600*	150.9	28,600												
160.0	24,700*	160.0	25,900*	160.0	26,700*	160.0	26,500									160.0	24,900*	160.0	25,900*	160.0	26,500*	160.0	26,300												
170.0	22,200*	170.0	23,500*	170.0	24,500*	170.0	24,300	170.6	22,000							170.0	22,800*	170.0	23,900*	170.0	24,300*	170.0	24,100	177.1	20,700										
177.1	20,200*	180.0	21,100*	180.0	22,300*	180.0	22,400	180.0	20,400							180.0	20,400*	180.0	21,600*	180.0	22,300*	180.0	22,300	180.0	20,200										
		190.0	18,800*	190.0	20,100*	190.0	20,700	190.0	18,900	196.8	15,800					183.7	19,600*	190.0	19,600*	190.0	20,500*	190.0	20,500	190.0	18,700										
		190.2	18,700*	200.0	18,100*	200.0	18,900*	200.0	17,400	200.0	15,400						196.8	18,000*	200.0	18,500*	200.0	19,100*	200.0	17,400	203.4	14,700									
				203.4	17,400*	210.0	17,100*	210.0	16,300	210.0	14,300										210.0	17,400*	210.0	16,000	210.0	14,100									
						216.5	15,800*	220.0	15,000	220.0	13,200										220.0	15,700*	220.0	14,800	220.0	12,900									
								229.6	14,100	230.0	12,100										229.6	14,100*	230.0	13,800	230.0	11,800									
										240.0	11,300													240.0	12,800	240.0	11,000								
										242.7	11,000													242.7	12,500	250.0	10,200								
																										255.9	9,700								
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2						

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 P13 and P14.

Luffing Jib Lifting Capacity																						Unit: lbs	
160' Boom																						Counterweight: 199,300 lbs, Carbody weight: 60,500 lbs	
190 ft Jib											200 ft Jib												
Boom Angle (deg.)											Boom Angle (deg.)												
88		83		78		73		68		63		88		83		78		73		68		63	
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)		
72.1	39,000*											72.1	35,200*										
75.0	38,700*											75.0	35,000*										
80.0	38,200*											80.0	34,700*										
85.0	37,700*											85.0	34,400*										
90.0	37,200*											90.0	33,900*										
95.0	36,200*	98.4	37,200*									95.0	32,800*										
100.0	35,000*	100.0	36,800*									100.0	31,500*	104.9	31,900*								
110.0	32,300*	110.0	33,900*									110.0	29,200*	110.0	30,700*								
120.0	30,000*	120.0	31,300*									120.0	27,100*	120.0	28,400*								
130.0	28,000*	130.0	29,100*	131.2	29,900*							130.0	25,300*	130.0	26,200*	131.2	27,100*						
140.0	26,000*	140.0	27,100*	140.0	27,900*							140.0	23,600*	140.0	24,500*	140.0	25,400*						
150.0	24,400*	150.0	25,200*	150.0	26,100*	157.4	25,500*					150.0	22,100*	150.0	22,800*	150.0	23,700*						
160.0	22,800*	160.0	23,600*	160.0	24,400*	160.0	25,100*					160.0	20,800*	160.0	21,400*	160.0	22,100*	164.0	22,200*				
170.0	21,400*	170.0	22,100*	170.0	22,800*	170.0	23,400*					170.0	19,400*	170.0	20,100*	170.0	20,800*	170.0	21,200*				
180.0	20,100*	180.0	20,700*	180.0	21,400*	180.0	21,700*	183.7	19,100			180.0	18,200*	180.0	19,000*	180.0	19,500*	180.0	19,900*				
190.0	17,700*	190.0	19,400*	190.0	19,800*	190.0	20,100*	190.0	18,300			190.0	15,300*	190.0	17,800*	190.0	18,300*	190.0	18,700*	190.2	18,000		
196.8	15,400*	200.0	17,400*	200.0	18,200*	200.0	18,600*	200.0	16,900	209.9	13,600	200.0	12,000*	200.0	16,800*	200.0	17,300*	200.0	17,700*	200.0	16,500		
		209.9	15,400*	210.0	16,500*	210.0	16,900*	210.0	15,600	210.0	13,600	203.4	11,000*	210.0	15,600*	210.0	16,000*	210.0	16,500*	210.0	15,200	216.5	12,500
				220.0	14,600*	220.0	15,400*	220.0	14,400	220.0	12,400			216.5	13,600*	220.0	14,600*	220.0	14,900*	220.0	14,000	220.0	12,100
				223.0	14,100*	230.0	13,800*	230.0	13,400	230.0	11,400					229.6	13,000*	230.0	13,600*	230.0	12,900	230.0	11,200
						236.2	12,700*	240.0	12,400	240.0	10,600							240.0	12,000*	240.0	11,900	240.0	10,200
								249.3	11,400	250.0	9,800							242.7	11,600*	250.0	11,100	250.0	9,400
										260.0	8,800									260.0	9,800*	260.0	8,600
										262.4	8,800									262.4	9,400*	269.0	7,900
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

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 P13 and P14.

LIFTING CAPACITY

Luffing Jib Lifting Capacity																				Unit: lbs			
																		Counterweight: 199,300 lbs, Carbody weight: 60,500 lbs					
170' Boom																							
70 ft Jib						80 ft Jib																	
Boom Angle (deg.)												Boom Angle (deg.)											
88		83		78		73		68		63		88		83		78		73		68		63	
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)		
39.3	119,000*											39.3	89,200*										
40.0	118,700*											40.0	89,200*										
42.0	117,600*											42.0	89,200*										
44.0	116,500*											44.0	89,200*										
46.0	115,300*											46.0	89,200*										
48.0	111,800*											48.0	89,200*										
50.0	108,200*											50.0	89,200*										
55.0	100,000*	59.0	114,100*									55.0	89,200*	59.0	89,200*								
60.0	92,700*	60.0	112,200*									60.0	88,800*	60.0	89,200*								
65.0	86,300*	65.0	102,200*									65.0	86,200*	65.0	89,200*								
70.0	80,800*	70.0	93,300*									70.0	81,100*	70.0	89,100*								
75.0	75,400*	75.0	85,400*	78.7	74,900*							75.0	76,000*	75.0	85,000*								
78.7	71,600*	80.0	78,500*	80.0	73,500*							80.0	71,400*	80.0	78,300*								
		85.0	72,800*	85.0	68,000*							85.0	67,000*	85.0	72,400*	85.3	67,200*						
		90.0	67,700*	90.0	63,400*							90.0	60,000*	90.0	67,500*	90.0	62,900*						
		91.8	65,900*	95.0	59,300*	98.4	53,100*					91.8	57,300*	95.0	63,000*	95.0	58,800*						
				100.0	55,500*	100.0	52,100*							100.0	59,000*	100.0	55,100*	104.9	48,700*				
				110.0	49,200*	110.0	46,200*	118.1	39,000*					104.9	55,500*	110.0	48,900*	110.0	45,800*				
				111.5	48,200*	120.0	41,500*	120.0	38,200*						118.1	44,500*	120.0	41,000*	124.6	35,900*			
						124.6	39,400*	130.0	34,500*	137.7	29,900*							130.0	37,000*	130.0	34,100*		
								137.7	31,900*	140.0	29,300*							131.2	36,500*	140.0	30,900*	144.3	27,700*
										150.0	26,700*									144.3	29,700*	150.0	26,200*
										150.9	26,400*										157.4	24,600*	
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4
170' Boom																							
90 ft Jib										100 ft Jib													
Boom Angle (deg.)																							
88		83		78		73		68		63		88		83		78		73		68		63	
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)		
39.3	89,200*																						
40.0	89,200*																						
42.0	89,200*																						
44.0	89,200*											45.9	89,200*										
46.0	89,200*											46.0	89,200*										
48.0	89,200*											48.0	89,200*										
50.0	89,200*											50.0	89,200*										
55.0	89,200*											55.0	89,200*										
60.0	88,800*											60.0	88,700*										
65.0	86,400*	65.6	89,200*									65.0	85,800*	65.6	89,200*								
70.0	81,300*	70.0	88,900*									70.0	80,900*	70.0	88,800*								
75.0	76,200*	75.0	84,800*									75.0	76,000*	75.0	84,600*								
80.0	71,600*	80.0	78,100*									80.0	71,500*	80.0	77,800*								
85.0	67,400*	85.0	72,200*	85.3	66,700*							85.0	67,400*	85.0	72,000*								
90.0	63,700*	90.0	67,200*	90.0	62,500*							90.0	63,900*	90.0	67,000*	91.8	60,800*						
95.0	59,400*	95.0	62,800*	95.0	58,400*							95.0	60,500*	95.0	62,600*	95.0	58,400*						
98.4	56,200*	100.0	58,800*	100.0	54,700*							100.0	57,300*	100.0	58,600*	100.0	54,700*						
		110.0	52,300*	110.0	48,500*	111.5	44,500*					104.9	54,400*	110.0	52,000*	110.0	48,500*	111.5	44,300*				
		111.5	51,300*	120.0	43,400*	120.0	40,600*							120.0	46,700*	120.0	43,400*	120.0	40,400*				
				130.0	39,200*	130.0	36,600*	131.2	33,200*					124.6	44,500*	130.0	39,200*	130.0	36,300*	137.7	31,000*		
				131.2	38,800*	140.0	33,200*	140.0	30,400*							137.7	36,300*	140.0	33,000*	140.0	30,400*		
						144.3	31,900*	150.0	27,800*	150.9	25,500*							150.0	30,200*	150.0	27,800*	157.4	23,800*
								157.4	26,200*	160.0	23,700*							150.9	29,900*	160.0	25,500*	160.0	23,300*
										170.0	21,900*									164.0	24,600*	170.0	21,500*
										170.6	21,800*									177.1	20,200*	177.1	20,200*
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	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 P13 and P14.

Luffing Jib Lifting Capacity

Unit: lbs

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

170' Boom											
110 ft Jib						120 ft Jib					
Boom Angle (deg.)						Boom Angle (deg.)					
88	83	78	73	68	63	88	83	78	73	68	63
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)
45.9	89,200*										
46.0	89,200*										
48.0	89,200*										
50.0	89,200*					52.4	80,000*				
55.0	89,200*					55.0	79,600*				
60.0	88,700*					60.0	78,700*				
65.0	85,600*					65.0	77,900*				
70.0	80,700*	72.1	87,700			70.0	77,000*				
75.0	75,900*	75.0	84,000			75.0	74,900*	78.7	78,700		
80.0	71,500*	80.0	77,700			80.0	71,500*	80.0	77,300		
85.0	67,600*	85.0	71,900			85.0	67,600*	85.0	71,700		
90.0	63,900*	90.0	67,000			90.0	64,100*	90.0	66,800		
95.0	60,600*	95.0	62,600	98.4	55,300	95.0	60,800*	95.0	62,400	98.4	55,100
100.0	57,500*	100.0	58,600	100.0	54,300	100.0	57,700*	100.0	58,400	100.0	54,000
110.0	51,900*	110.0	52,000	110.0	48,200	110.0	52,100*	110.0	51,800	110.0	47,800
118.1	43,800*	120.0	46,700	120.0	43,000	120.0	46,500*	120.0	46,500	120.0	42,800
		130.0	38,800	130.0	36,300	137.7	30,600				
		131.2	41,600	140.0	35,400	140.0	33,000	140.0	30,000		
			144.3	33,900	150.0	30,200	150.0	27,300			
				160.0	27,600	160.0	25,000	164.0	22,400		
				164.0	26,600	170.0	23,000	170.0	21,400		
						177.1	21,800	180.0	19,800		
						190.0	18,300			170.6	20,900
						192.0	18,200			180.0	19,400
										190.0	17,900
										196.8	16,900
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

170' Boom											
130 ft Jib						140 ft Jib					
Boom Angle (deg.)						Boom Angle (deg.)					
88	83	78	73	68	63	88	83	78	73	68	63
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)
52.4	72,000*										
55.0	71,700*					59.0	59,500*				
60.0	71,000*					60.0	59,500*				
65.0	70,400*					65.0	59,500*				
70.0	69,700*					70.0	59,500*				
75.0	69,000*	78.7	72,000			75.0	59,500*				
80.0	68,100*	80.0	71,800			80.0	59,500*				
85.0	66,600*	85.0	71,000			85.0	59,500*	85.3	59,500*		
90.0	63,200*	90.0	66,400			90.0	59,500*	90.0	59,500*		
95.0	60,000*	95.0	62,000			95.0	58,800*	95.0	59,300		
100.0	57,100*	100.0	58,100	104.9	50,700	100.0	57,300*	100.0	57,900		
110.0	51,900*	110.0	51,600	110.0	47,800	110.0	52,000*	110.0	51,400	111.5	46,700
120.0	47,200*	120.0	46,200	120.0	42,800	120.0	47,500*	120.0	46,000	120.0	42,600
130.0	41,800*	130.0	41,700	130.0	38,600	131.2	35,000				
137.7	35,400*	140.0	37,800	140.0	35,000	140.0	32,400				
		150.0	34,600	150.0	32,000	150.0	29,500	150.9	26,600		
		150.9	34,300	160.0	29,300	160.0	27,000	160.0	24,700		
				164.0	28,400	170.0	25,000	170.0	22,800		
				180.0	23,100	180.0	21,000	180.0	19,000		
				183.7	22,400	190.0	19,400	190.0	17,400		
						196.8	18,500	200.0	16,200		
						209.9	14,900				
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	2

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 P13 and P14.

LIFTING CAPACITY

Luffing Jib Lifting Capacity																				Unit: lbs									
																				Counterweight: 199,300 lbs, Carbody weight: 60,500 lbs									
170' Boom																													
150 ft Jib										160 ft Jib																			
Boom Angle (deg.)										Boom Angle (deg.)																			
88		83		78		73		68		63		88		83		78		73		68		63							
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)				
59.0	57,700*											59.0	52,200*																
60.0	57,600*											60.0	52,100*																
65.0	57,100*											65.0	51,600*																
70.0	56,800*											70.0	51,100*																
75.0	56,300*											75.0	50,600*																
80.0	55,800*											80.0	50,100*																
85.0	55,300*	85.3	57,300*									85.0	49,600*																
90.0	54,800*	90.0	56,800*									90.0	48,800*	91.8	50,900*														
95.0	54,300*	95.0	56,300*									95.0	47,800*	95.0	50,300*														
100.0	53,500*	100.0	55,500*									100.0	46,500*	100.0	49,600*														
110.0	50,100*	110.0	51,000*	111.5	46,200							110.0	43,000*	110.0	48,200*	118.1	43,200												
120.0	46,600*	120.0	45,600*	120.0	42,300							120.0	39,900*	120.0	44,700*	120.0	42,300												
130.0	43,200*	130.0	41,200*	130.0	38,100	137.7	32,400					130.0	37,300*	130.0	41,200*	130.0	38,100												
140.0	38,700*	140.0	37,300*	140.0	34,600*	140.0	31,700*					140.0	34,100*	140.0	37,600*	140.0	34,600*	144.3	30,400										
150.0	33,400*	150.0	34,200*	150.0	31,500*	150.0	28,900*					150.0	31,500*	150.0	34,400*	150.0	31,500*	150.0	28,900*										
157.4	28,600*	160.0	31,500*	160.0	28,900*	160.0	26,500*	164.0	23,300			160.0	29,500*	160.0	31,500*	160.0	28,900*	160.0	26,500*										
		170.0	29,000*	170.0	26,500*	170.0	24,300*	170.0	22,100			164.0	28,400*																
		170.6	28,800*	180.0	24,700*	180.0	22,400*	180.0	20,400	190.2	16,700			180.0	26,900*	180.0	24,700*	180.0	22,500*	170.6	22,000								
				183.7	24,000			200.0	19,400	200.0	17,500	200.0	15,400	183.7	26,200	196.8	21,800	200.0	19,400	200.0	17,500	200.0	15,400	196.8	15,800				
						203.4	18,900	210.0	16,300	210.0	14,300	210.0	13,000					209.9	18,000	210.0	16,300	210.0	14,300	220.0	15,100	220.0	13,000		
								216.5	15,600	229.6	12,300									223.0	14,700	230.0	12,100	236.2	11,600				
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

170' Boom																													
170 ft Jib										180 ft Jib																			
Boom Angle (deg.)										Boom Angle (deg.)																			
88		83		78		73		68		63		88		83		78		73		68		63							
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)				
65.6	46,700*											65.6	42,300*																
70.0	46,200*											70.0	41,800*																
75.0	45,700*											75.0	41,300*																
80.0	45,200*											80.0	40,800*																
85.0	44,700*											85.0	40,300*																
90.0	44,200*	91.8	45,100*									90.0	39,800*																
95.0	43,400*	95.0	44,100*									95.0	39,300*	98.4	40,700*														
100.0	42,200*	100.0	42,500*									100.0	38,500*	100.0	40,400*														
110.0	38,800*	110.0	39,400*									110.0	35,700*	110.0	37,500*														
120.0	35,800*	120.0	36,400*	124.6	35,400*							120.0	33,000*	120.0	34,500*	124.6	34,100*												
130.0	32,700*	130.0	33,600*	130.0	34,000*							130.0	30,700*	130.0	32,000*	130.0	32,900*												
140.0	30,000*	140.0	30,900*	140.0	31,300*							140.0	28,600*	140.0	29,700*	140.0	30,500*												
150.0	27,300*	150.0	28,200*	150.0	28,800*			150.9	27,900			150.0	26,600*	150.0	27,700*	150.0	28,400*	150.9	27,700										
160.0	24,600*	160.0	25,800*	160.0	26,500*	160.0	25,800					160.0	24,900*	160.0	25,700*	160.0	26,100*	160.0	25,700										
170.0	22,100*	170.0	23,500*	170.0	24,300*	170.0	23,700	177.1	20,200			170.0	22,800*	170.0	23,700*	170.0	24,100*	170.0	23,700										
177.1	20,200*	180.0	21,100*	180.0	22,100*	180.0	22,000	180.0	19,800			180.0	20,400*	180.0	21,500*	180.0	22,100*	180.0	21,700	183.7	18,900								
		190.0	18,800*	190.0	20,100*	190.0	20,300	190.0	18,100			183.7	19,600*	190.0	19,400*	190.0	20,300*	190.0	20,100	190.0	18,100								
		190.2	18,700*	200.0	17,800*	200.0	18,700	200.0	16,700	203.4	14,100			200.0	17,400*	200.0	18,400*	200.0	18,600	200.0	16,500	209.9	13,200						
		203.4	17,100*	210.0	16,900*	210.0	15,600	210.0	13,400			203.4	16,700*	210.0	16,500*	210.0	17,100*	210.0	15,400	210.0	15,400	210.0	13,200						
				220.0	15,100*	220.0	14,400	220.0	12,300					216.5	15,200*	220.0	15,500*	220.0	14,200	220.0	14,200	220.0	11,900						
				223.0	14,500*	230.0	13,400	230.0	11,400							229.6	13,800*			242.7	11,900	250.0	9,400						
						236.2	12,700	240.0	10,400	249.3	9,700																		
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

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 P13 and P14.

Luffing Jib Lifting Capacity														Unit: lbs											
														Counterweight: 199,300 lbs, Carbody weight: 60,500 lbs											
170' Boom																									
190 ft Jib							200 ft Jib																		
Boom Angle (deg.)																									
88		83		78		73		68		63		88		83		78		73		68		63			
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)		
72.1	38,100*											72.1	34,600*												
75.0	37,800*											75.0	34,300*												
80.0	37,300*											80.0	33,800*												
85.0	36,800*											85.0	33,300*												
90.0	36,300*											90.0	32,800*												
95.0	35,800*	98.4	37,200*									95.0	32,300*												
100.0	35,000*	100.0	36,700*									100.0	31,500*	104.9	31,900*										
110.0	32,300*	110.0	33,900*									110.0	29,200*	110.0	30,600*										
120.0	29,900*	120.0	31,300*									120.0	27,100*	120.0	28,200*										
130.0	27,800*	130.0	28,900*	131.2	29,900*							130.0	25,300*	130.0	26,200*	131.2	27,100*								
140.0	26,000*	140.0	26,900*	140.0	27,900*							140.0	23,600*	140.0	24,500*	140.0	25,400*								
150.0	24,400*	150.0	25,200*	150.0	25,900*	157.4	25,300*					150.0	22,100*	150.0	22,800*	150.0	23,700*								
160.0	22,800*	160.0	23,600*	160.0	24,200*	160.0	24,900*					160.0	20,800*	160.0	21,400*	160.0	22,000*	164.0	22,000*						
170.0	21,400*	170.0	22,100*	170.0	22,700*	170.0	23,200*					170.0	19,400*	170.0	20,100*	170.0	20,500*	170.0	21,200*						
180.0	19,500*	180.0	20,700*	180.0	21,300*	180.0	21,300*					180.0	17,500*	180.0	18,800*	180.0	19,400*	180.0	19,900*						
190.0	16,100*	190.0	19,200*	190.0	19,600*	190.0	19,600*	190.2	17,600			190.0	13,900*	190.0	17,800*	190.0	18,300*	190.0	18,700*	190.2	17,100				
196.8	14,100*	200.0	17,300*	200.0	17,900*	200.0	18,200*	200.0	16,100			200.0	10,700*	200.0	16,800*	200.0	17,300*	200.0	17,400*	200.0	15,600				
		209.9	15,400*	210.0	16,300*	210.0	16,700*	210.0	14,700	216.5	11,900	203.4	9,700*	210.0	15,200*	210.0	15,800*	210.0	16,000*	210.0	14,500				
				220.0	14,600*	220.0	15,000*	220.0	13,700	220.0	11,500			216.5	12,500*	220.0	14,400*	220.0	14,700*	220.0	13,300	223.0	10,800		
				223.0	14,100*	230.0	13,600*	230.0	12,700	230.0	10,500					230.0	12,900*	230.0	13,300*	230.0	12,300	230.0	10,300		
						236.2	12,500*	240.0	11,700	240.0	9,700					236.2	11,900*	240.0	11,800*	240.0	11,300	240.0	9,400		
								250.0	10,700	250.0	8,900							248.3	10,500*	250.0	10,500	250.0	8,500		
								255.9	10,300	260.0	8,300									260.0	9,500	260.0	7,800		
										269.0	7,700									262.4	9,200*	270.0	7,200		
																					275.5	6,800			
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

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 P13 and P14.

LIFTING CAPACITY

Luffing Jib Lifting Capacity																						Unit: lbs	
180' Boom																						Counterweight: 199,300 lbs, Carbody weight: 60,500 lbs	
70 ft Jib											80 ft Jib												
Boom Angle (deg.)											Boom Angle (deg.)												
88		83		78		73		68		63		88		83		78		73		68		63	
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)
39.3	89,200*											39.3	89,200*										
40.0	89,200*											40.0	89,200*										
42.0	89,200*											42.0	89,200*										
44.0	89,200*											44.0	89,200*										
46.0	89,200*											46.0	89,200*										
48.0	89,200*											48.0	89,200*										
50.0	89,200*											50.0	89,200*										
55.0	86,500*	59.0	89,200*									55.0	86,500*										
60.0	80,900*	60.0	89,200*									60.0	81,100*										
65.0	75,400*	65.0	89,200*									65.0	75,600*	65.6	89,200*								
70.0	70,400*	70.0	85,100*									70.0	70,900*	70.0	85,100*								
75.0	65,900*	75.0	79,800*	78.7	74,200							75.0	66,500*	75.0	79,900*								
78.7	62,800*			80.0	74,300*							80.0	62,300*	80.0	74,600*								
		85.0	69,500*	85.0	67,500							85.0	58,600*	85.0	69,700*	85.3	66,700						
		90.0	65,100*	90.0	62,900							90.0	55,200*	90.0	65,400*	90.0	62,500						
		95.0	61,000*	95.0	58,800	98.4	52,200					91.8	54,000*	95.0	61,600*	95.0	58,400						
		98.4	58,400*			100.0	55,100	100.0	51,200					100.0	58,000*	100.0	54,700	104.9	47,600				
				110.0	48,700	110.0	45,300	118.1	38,100					104.9	54,600*	110.0	48,500	110.0	44,900				
				111.5	47,800	120.0	40,600	120.0	37,400							118.1	44,300	120.0	40,100	124.6	35,200		
						124.6	38,500	130.0	33,700	137.7	28,600							130.0	36,100	130.0	33,300		
								140.0	30,700	140.0	28,100							137.7	33,500	140.0	30,200	144.3	26,400
								144.3	29,500	150.0	25,700									150.0	27,500	150.0	25,100
										157.4	24,000									150.9	27,300	160.0	23,000
																						164.0	22,200
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

180' Boom																							
90 ft Jib											100 ft Jib												
Boom Angle (deg.)											Boom Angle (deg.)												
88		83		78		73		68		63		88		83		78		73		68		63	
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)
45.9	89,200*											45.9	89,200*										
46.0	89,200*											46.0	89,200*										
48.0	89,200*											48.0	89,200*										
50.0	89,200*											50.0	89,200*										
55.0	86,500*											55.0	86,500*										
60.0	81,100*											60.0	81,200*										
65.0	75,600*	65.6	89,200*									65.0	75,800*										
70.0	70,900*	70.0	85,100*									70.0	71,000*	72.1	81,300*								
75.0	66,600*	75.0	79,900*									75.0	66,700*	75.0	78,500*								
80.0	62,600*	80.0	74,600*									80.0	62,700*	80.0	73,500*								
85.0	59,000*	85.0	69,900*									85.0	59,000*	85.0	69,000*								
90.0	55,700*	90.0	65,700*	91.8	60,400							90.0	55,800*	90.0	64,900*	91.8	60,100						
95.0	52,500*	95.0	61,800*	95.0	57,900							95.0	52,800*	95.0	61,200*	95.0	57,700						
98.4	50,400*	100.0	58,200	100.0	54,300							100.0	50,100*	100.0	57,800*	100.0	54,000						
		110.0	51,800	110.0	48,100	111.5	43,600					110.0	45,000*	110.0	51,900	110.0	47,800	118.1	40,500				
		111.5	50,900	120.0	43,000	120.0	39,800					111.5	44,300*	120.0	46,600	120.0	42,900	120.0	39,800				
				130.0	38,800	130.0	35,900	131.2	32,400					124.6	44,300	130.0	38,600	130.0	35,900	137.7	30,200		
				131.2	38,300	140.0	32,600	140.0	29,800							137.7	35,900	140.0	32,600	140.0	29,500		
						144.3	31,300	150.0	27,100	150.9	24,400							150.0	29,700	150.0	26,800	157.4	23,100
								157.4	25,500	160.0	22,600							157.4	27,900	160.0	24,600	160.0	22,600
										170.0	20,800									170.0	22,800	170.0	20,800
										177.1	19,600									170.6	22,700	180.0	19,200
																						183.7	18,700
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	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 P13 and P14.

Luffing Jib Lifting Capacity																Unit: lbs									
Counterweight: 199,300 lbs, Carbody weight: 60,500 lbs																									
180' Boom																									
190 ft Jib									200 ft Jib																
Boom Angle (deg.)									Boom Angle (deg.)																
88		83		78		73		68		63		88		83		78		73		68		63			
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)		
72.1	37,000*											72.1	33,700*												
75.0	36,800*											75.0	33,500*												
80.0	36,500*											80.0	33,200*												
85.0	36,100*											85.0	32,800*												
90.0	35,800*											90.0	32,500*												
95.0	35,500*	98.4	36,300*									95.0	32,000*												
100.0	34,800*	100.0	36,100*									100.0	31,300*	104.9	31,700*										
110.0	32,100*	110.0	33,700*									110.0	29,000*	110.0	30,500*										
120.0	29,800*	120.0	31,300*									120.0	26,900*	120.0	28,200*										
130.0	27,800*	130.0	28,900*	131.2	29,700*							130.0	25,100*	130.0	26,200*	137.7	25,700*								
140.0	25,800*	140.0	26,800*	140.0	27,900*							140.0	23,400*	140.0	24,300*	140.0	25,300*								
150.0	24,100*	150.0	25,000*	150.0	25,900*							150.0	21,900*	150.0	22,800*	150.0	23,500*								
160.0	22,700*	160.0	23,400*	160.0	24,200*	164.0	23,800					160.0	20,600*	160.0	21,200*	160.0	21,900*	164.0	22,000*						
170.0	21,200*	170.0	21,900*	170.0	22,500*	170.0	22,600					170.0	19,400*	170.0	19,900*	170.0	20,500*	170.0	21,000*						
180.0	18,000*	180.0	20,500*	180.0	21,000*	180.0	20,600					180.0	15,900*	180.0	18,700*	180.0	19,200*	180.0	19,600*						
190.0	14,600*	190.0	19,000*	190.0	19,200*	190.0	19,200	190.2	16,500			190.0	12,400*	190.0	17,600*	190.0	18,100*	190.0	18,500*	196.8	15,200				
196.8	12,500*	200.0	17,100*	200.0	17,600*	200.0	17,600	200.0	15,200			200.0	9,400*	200.0	16,600*	200.0	16,900*	200.0	16,900*	200.0	16,900*	200.0	14,700		
		210.0	15,200*	210.0	16,000*	210.0	16,300	210.0	14,100	216.5	11,000	203.4	8,300*	210.0	13,800*	210.0	15,600*	210.0	15,600*	210.0	13,600				
				220.0	14,400*	220.0	14,800*	220.0	12,800	220.0	10,600			220.0	10,200*	220.0	14,000*	220.0	14,300*	220.0	12,400	223.0	9,900		
				229.6	12,700*	230.0	13,300*	230.0	11,800	230.0	9,600			223.0	9,200*	230.0	12,700*	230.0	12,900*	230.0	11,400	230.0	9,200		
						240.0	11,800*	240.0	10,900	240.0	8,800					236.2	11,600*	240.0	11,600*	240.0	10,600	240.0	8,400		
						242.7	11,400*	250.0	10,000	250.0	8,100							249.3	10,300*	250.0	9,600	250.0	7,600		
								255.9	9,700	260.0	7,400									260.0	8,900	260.0	7,000		
										269.0	6,800									269.0	8,100*	270.0	6,300		
																					280.0	5,600			
																					282.1	5,500			
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

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 P13 and P14.

Luffing Jib Lifting Capacity

Unit: lbs

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

190' Boom																									
110 ft Jib						120 ft Jib																			
Boom Angle (deg.)																									
88		83		78		73		68		63		88		83		78		73		68		63			
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)		
45.9	82,000*																								
46.0	81,900*											52.4	59,500*												
48.0	80,800*											55.0	59,500*												
50.0	79,600*											60.0	59,500*												
55.0	75,500*											65.0	59,500*												
60.0	70,300*											70.0	59,500*												
65.0	65,800*											75.0	57,700*	78.7	59,500*										
70.0	61,700*	72.1	72,300*									80.0	54,500*	80.0	59,500*										
75.0	57,900*	75.0	69,700*									85.0	51,500*	85.0	59,500*										
80.0	54,500*	80.0	65,200*									90.0	48,600*	90.0	56,900*										
85.0	51,500*	85.0	61,100*									95.0	46,200*	95.0	54,000*										
90.0	48,800*	90.0	57,500*									100.0	43,800*	100.0	51,100*	104.9	49,800								
95.0	46,200*	95.0	54,200*	98.4	54,200							110.0	39,600*	110.0	45,700*	110.0	46,900								
100.0	43,800*	100.0	51,100*	100.0	53,200							118.1	36,300*	118.1	41,300*	120.0	41,900								
110.0	39,600*	110.0	45,900*	110.0	47,100									130.0	37,400*	130.0	37,900	131.2	33,900						
		137.7	34,600*	140.0	34,600	140.0	31,500							150.0	28,800	150.0	28,800	150.0	28,400	150.9	25,300				
				150.9	31,500	160.0	26,300	160.0	23,700	150.9	25,700			170.0	24,300	170.0	21,900	170.6	19,400						
						170.6	24,200	180.0	20,200	180.0	17,800			183.7	19,600	190.0	16,300	177.1	22,700	170.0	24,100	170.0	21,500	177.1	17,800
										183.7	19,600			196.8	15,400					190.0	18,300	190.0	19,000	190.2	18,200
																				190.2	18,300	200.0	15,900	209.9	14,700
																					209.9	13,600			13,600
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

190' Boom																									
130 ft Jib						140 ft Jib																			
Boom Angle (deg.)																									
88		83		78		73		68		63		88		83		78		73		68		63			
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)		
52.4	59,500*																								
55.0	59,500*											59.0	59,500*												
60.0	59,500*											60.0	59,500*												
65.0	59,500*											65.0	59,500*												
70.0	59,500*											70.0	59,500*												
75.0	57,600*	78.7	59,500*									75.0	57,600*												
80.0	54,300*	80.0	59,500*									80.0	54,300*												
85.0	51,300*	85.0	59,500*									85.0	51,300*	85.3	59,500*										
90.0	48,600*	90.0	56,800*									90.0	48,600*	90.0	56,800*										
95.0	46,000*	95.0	53,800*									95.0	46,000*	95.0	53,800*										
100.0	43,600*	100.0	50,900*									100.0	43,600*	100.0	50,900*										
110.0	39,500*	110.0	45,700*	111.5	45,600							110.0	39,500*	110.0	45,700*	111.5	45,400								
120.0	35,900*	120.0	41,300*	120.0	41,500							120.0	35,900*	120.0	41,300*	120.0	41,500								
130.0	32,700*	130.0	37,400*	130.0	37,500	137.7	31,500					130.0	32,700*	130.0	37,400*	130.0	37,300	137.7	31,300						
137.7	30,400*	140.0	34,100*	140.0	34,000	140.0	30,800					140.0	30,000*	140.0	34,100*	140.0	33,900	140.0	30,600						
		150.0	31,100*	150.0	31,100	150.0	28,000	157.4	23,500			144.3	28,800*	150.0	31,300*	150.0	30,900	150.0	27,900						
		157.4	29,100*	160.0	28,500	160.0	25,700	160.0	23,000					160.0	28,600*	160.0	28,500	160.0	25,600	164.0	22,000				
				170.0	26,300	170.0	23,700	170.0	21,200					164.0	27,500*	170.0	26,100	170.0	23,400	170.0	21,000				
				170.6	26,200	180.0	22,000	180.0	19,500	183.7	16,300					180.0	24,200	180.0	21,700	180.0	19,300				
						190.0	20,300	190.0	18,100	190.0	15,400					183.7	23,500	190.0	20,100	190.0	17,800				
						190.2	20,200	200.0	16,700	200.0	14,200							196.8	19,100	200.0	16,500				
								203.4	16,300											209.9	15,200				
										216.5	12,500										229.6	11,000			
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

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 P13 and P14.

LIFTING CAPACITY

Luffing Jib Lifting Capacity																								Unit: lbs	
190' Boom																								Counterweight: 199,300 lbs, Carbody weight: 60,500 lbs	
150 ft Jib												160 ft Jib													
Boom Angle (deg.)												Boom Angle (deg.)													
88		83		78		73		68		63		88		83		78		73		68		63			
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Reeves	2
59.0	54,000*											59.0	49,100*												
60.0	53,900*											60.0	49,000*												
65.0	53,400*											65.0	48,500*												
70.0	52,900*											70.0	48,000*												
75.0	52,400*											75.0	47,500*												
80.0	51,800*											80.0	47,000*												
85.0	50,900*	85.3	53,500*									85.0	46,500*												
90.0	48,400*	90.0	53,000*									90.0	46,000*	91.8	48,200*										
95.0	45,800*	95.0	51,600*									95.0	44,500*	95.0	47,900*										
100.0	43,400*	100.0	49,400*									100.0	42,500*	100.0	47,300*										
110.0	39,300*	110.0	44,300*	118.1	41,800							110.0	38,400*	110.0	44,300*	118.1	41,800								
120.0	35,800*	120.0	40,300*	120.0	41,000							120.0	35,100*	120.0	40,000*	120.0	41,000								
130.0	32,700*	130.0	36,700*	130.0	36,800							130.0	32,200*	130.0	36,500*	130.0	37,000								
140.0	29,900*	140.0	33,500*	140.0	33,500	144.3	29,300					140.0	29,600*	140.0	33,300*	140.0	33,600								
150.0	27,500*	150.0	30,800*	150.0	30,600	150.0	27,900					150.0	27,300*	150.0	30,600*	150.0	30,600	150.9	27,300						
157.4	25,700*	160.0	28,200*	160.0	28,000	160.0	25,600					160.0	25,000*	160.0	28,200*	160.0	28,000	160.0	25,200						
		170.0	26,100*	170.0	25,900	170.0	23,400	170.6	20,500			164.0	24,200*	170.0	25,900*	170.0	25,900	170.0	23,200	177.1	19,400				
		170.6	26,000*	180.0	23,800	180.0	21,700	180.0	18,900	196.8	14,300			180.0	23,800*	180.0	23,900	180.0	21,300	180.0	18,900				
				190.0	22,000	190.0	20,100	190.0	17,400	210.0	14,700			183.7	23,100*	190.0	22,300	190.0	19,800	190.0	17,400				
				190.2	22,000	200.0	18,700	200.0	16,100	210.0	12,700					196.8	21,100	200.0	18,300	200.0	16,100	203.4	13,000		
						203.4	18,200	210.0	14,700	210.0	12,700					210.0	17,100	210.0	14,700	210.0	12,300	210.0	12,300		
								220.0	13,700	220.0	11,700					216.5	16,300	220.0	13,700	220.0	11,300	220.0	11,300		
								223.0	13,400	230.0	10,900							229.6	12,700	230.0	10,500	230.0	10,500		
										236.2	10,300									240.0	9,600	240.0	9,600		
																				249.3	9,000	249.3	9,000		

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 P13 and P14.

Luffing Jib Lifting Capacity														Unit: lbs											
														Counterweight: 199,300 lbs, Carbody weight: 60,500 lbs											
190' Boom																									
190 ft Jib							200 ft Jib																		
Boom Angle (deg.)																									
88		83		78		73		68		63		88		83		78		73		68		63			
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)		
72.1	36,100*											72.1	32,800*												
75.0	35,900*											75.0	32,600*												
80.0	35,600*											80.0	32,300*												
85.0	35,200*											85.0	31,900*												
90.0	34,900*											90.0	31,600*												
95.0	34,600*											95.0	31,300*												
100.0	34,100*	104.9	35,200*									100.0	30,800*	104.9	31,700*										
110.0	32,100*	110.0	33,700*									110.0	29,000*	110.0	30,500*										
120.0	29,800*	120.0	31,000*									120.0	26,900*	120.0	28,200*										
130.0	27,800*	130.0	28,900*	131.2	29,700*							130.0	25,100*	130.0	26,000*	137.7	25,500*								
140.0	25,800*	140.0	26,800*	140.0	27,700*							140.0	23,400*	140.0	24,300*	140.0	25,200*								
150.0	24,100*	150.0	25,000*	150.0	25,900*							150.0	21,900*	150.0	22,600*	150.0	23,500*								
160.0	22,500*	160.0	23,300*	160.0	24,000*	164.0	23,100					160.0	20,600*	160.0	21,200*	160.0	21,900*								
170.0	20,000*	170.0	21,900*	170.0	22,500*	170.0	21,900					170.0	18,000*	170.0	19,900*	170.0	20,300*	170.6	20,900*						
180.0	16,400*	180.0	20,500*	180.0	20,600*	180.0	20,200					180.0	14,400*	180.0	18,600*	180.0	19,200*	180.0	19,500*						
190.0	13,300*	190.0	18,700*	190.0	19,000*	190.0	18,500	196.8	14,900			190.0	11,100*	190.0	17,600*	190.0	18,100*	190.0	18,100*						
196.8	11,200*	200.0	17,100*	200.0	17,500*	200.0	17,200	200.0	14,500			200.0	8,100*	200.0	16,000*	200.0	16,800*	200.0	16,700*	203.4	13,600				
		209.9	14,100*	210.0	15,800*	210.0	15,800	210.0	13,200			203.4	7,200*	210.0	12,700*	210.0	15,400*	210.0	15,400*	210.0	12,700				
				220.0	14,100*	220.0	14,500*	220.0	12,200	223.0	9,400			220.0	9,100*	220.0	13,900*	220.0	14,000*	220.0	11,700	229.6	8,500		
				229.6	12,500*	230.0	13,100*	230.0	11,200	230.0	8,700			223.0	8,100*	230.0	12,500*	230.0	12,700*	230.0	10,700	230.0	8,500		
						240.0	11,600*	240.0	10,300	240.0	8,100					236.2	11,400*	240.0	11,300*	240.0	9,900	240.0	7,600		
						242.7	11,200*	250.0	9,400	250.0	7,400							250.0	10,000*	250.0	9,100	250.0	7,000		
								260.0	8,700	260.0	6,700							255.9	9,200*	260.0	8,300	260.0	6,300		
								262.4	8,500	270.0	6,100									269.0	7,700	269.0	5,700		
										275.5	5,700														
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

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 P13 and P14.

LIFTING CAPACITY

Luffing Jib Lifting Capacity																				Unit: lbs							
																				Counterweight: 199,300 lbs, Carbody weight: 60,500 lbs							
200' Boom																											
100 ft Jib										110 ft Jib																	
Boom Angle (deg.)										Boom Angle (deg.)																	
88		83		78		73		68		63		88		83		78		73		68		63					
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Reeves	Reeves		
45.9	77,100*											45.9	59,500*														
46.0	77,000*											46.0	59,500*														
48.0	74,700*											48.0	59,500*														
50.0	72,500*											50.0	59,500*														
55.0	67,200*											55.0	59,500*														
60.0	62,400*											60.0	59,200*														
65.0	58,200*											65.0	57,700*														
70.0	54,600*	72.1	64,800*									70.0	54,400*														
75.0	51,300*	75.0	62,400*									75.0	51,100*	78.7	56,800*												
80.0	48,200*	80.0	58,300*									80.0	48,000*	80.0	56,000*												
85.0	45,500*	85.0	54,400*									85.0	45,300*	85.0	52,600*												
90.0	43,000*	90.0	51,200*									90.0	42,800*	90.0	49,600*												
95.0	40,700*	95.0	48,200*	98.4	54,000							95.0	40,500*	95.0	46,800*												
100.0	38,600*	100.0	45,500*	100.0	53,000							100.0	38,400*	100.0	44,200*	104.9	49,300										
110.0	34,700*	110.0	40,600*	110.0	46,900							110.0	34,700*	110.0	39,600*	110.0	46,500										
111.5	34,100*	120.0	36,400*	120.0	41,900	124.6	36,100					111.5	31,900*	120.0	35,700*	120.0	41,600	124.6	36,100								
		124.6	34,600*	130.0	37,900	130.0	34,300							130.0	32,300*	130.0	37,400	130.0	34,100								
				140.0	34,500	140.0	31,100	144.3	26,800					137.7	30,200*	140.0	34,100	140.0	31,000								
				144.3	33,000	150.0	29,400	150.0	25,500							150.0	31,100	150.0	28,400	150.9	24,600						
					160.0	26,000	160.0	23,300								150.9	30,800	160.0	26,000	160.0	22,800						
					164.0	25,100	170.0	21,400	170.6	18,700								170.0	23,900	170.0	21,000	177.1	17,400				
							177.1	20,200	180.0	17,200								170.6	23,800	180.0	19,400	180.0	17,000				
									190.0	15,700									190.0	17,900	190.0	15,600					
									196.8	14,900									190.2	17,800	200.0	14,400					
																				203.4	14,100						
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2
200' Boom																											
120 ft Jib										130 ft Jib																	
Boom Angle (deg.)										Boom Angle (deg.)																	
88		83		78		73		68		63		88		83		78		73		68		63					
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Reeves	Reeves		
52.4	59,500*											52.4	59,500*														
55.0	59,500*											55.0	59,500*														
60.0	59,200*											60.0	59,200*														
65.0	57,700*											65.0	57,500*														
70.0	54,200*											70.0	54,000*														
75.0	50,900*	78.7	56,600*									75.0	50,700*														
80.0	48,000*	80.0	55,800*									80.0	47,800*														
85.0	45,300*	85.0	52,400*									85.0	45,100*	85.3	52,000*												
90.0	42,800*	90.0	49,400*									90.0	42,600*	90.0	49,100*												
95.0	40,500*	95.0	46,500*									95.0	40,200*	95.0	46,300*												
100.0	38,300*	100.0	44,000*	104.9	48,900							100.0	38,200*	100.0	43,700*												
110.0	34,600*	110.0	39,600*	110.0	46,200							110.0	34,500*	110.0	39,400*	111.5	44,900										
120.0	31,300*	120.0	35,700*	120.0	41,200							120.0	31,300*	120.0	35,600*	120.0	40,900										
130.0	28,500*	130.0	32,300*	130.0	37,200	131.2	33,500					130.0	28,500*	130.0	32,300*	130.0	36,800	137.7	31,000								
131.2	28,200*	140.0	29,600*	140.0	33,700	140.0	30,800					137.7	26,400*	140.0	29,300*	140.0	33,500	140.0	30,400								
		144.3	28,400*	150.0	30,800	150.0	28,000	157.4	23,100					150.0	26,800*	150.0	30,600	150.0	27,700								
				160.0	28,200	160.0	25,700	160.0	22,600					157.4	25,100*	160.0	28,000	160.0	25,400	164.0	21,300						
				164.0	27,300	170.0	23,700	170.0	20,600							170.0	25,700	170.0	23,400	170.0	20,300						
						177.1	22,400	180.0	19,100	183.7	16,000					170.6	25,500	180.0	21,500	180.0	18,700						
								190.0	17,600	190.0	15,200							190.0	20,100	190.0	17,200	190.2	14,700				
								196.8	16,700	200.0	14,000							190.2	20,000	200.0	15,800	200.0	13,500				
									209.9	13,000										203.4	15,400						
																					210.0	12,500					
																					220.0	11,500					
																					223.0	11,200					
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

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 P13 and P14.



Luffing Jib Lifting Capacity

Unit: lbs

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

200' Boom																							
140 ft Jib						150 ft Jib																	
Boom Angle (deg.)						Boom Angle (deg.)																	
88		83		78		73		68		63		88		83		78		73		68		63	
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)
59.0	57,000*											59.0	52,000*										
60.0	57,000*											60.0	51,900*										
65.0	56,800*											65.0	51,400*										
70.0	53,800*											70.0	50,900*										
75.0	50,700*											75.0	49,500*										
80.0	47,700*											80.0	47,300*										
85.0	44,900*	85.3	51,800*									85.0	44,600*										
90.0	42,500*	90.0	49,100*									90.0	42,300*	91.8	47,600*								
95.0	40,200*	95.0	46,300*									95.0	40,000*	95.0	46,000*								
100.0	38,200*	100.0	43,700*									100.0	37,900*	100.0	43,500*								
110.0	34,500*	110.0	39,400*	111.5	44,700							110.0	34,300*	110.0	39,200*	118.1	41,200						
120.0	31,300*	120.0	35,500*	120.0	40,800							120.0	31,100*	120.0	35,200*	120.0	40,400						
130.0	28,500*	130.0	32,300*	130.0	36,800							130.0	28,300*	130.0	32,100*	130.0	36,300						
140.0	26,100*	140.0	29,400*	140.0	33,200	144.3	29,100					140.0	25,900*	140.0	29,200*	140.0	32,800						
150.0	23,800*	150.0	26,900*	150.0	30,400	150.0	27,500					150.0	23,700*	150.0	26,800*	150.0	30,000	150.9	26,800				
150.9	23,500*	164.0	23,800*	170.0	25,600	170.0	23,200	170.6	20,000			157.4	22,200*	160.0	24,600*	160.0	27,600	160.0	24,800				
				180.0	23,600	180.0	21,500	180.0	18,400					170.0	22,600*	170.0	25,200	170.0	22,800	177.1	18,200		
				183.7	22,900	190.0	19,800	190.0	17,000	196.8	13,600			177.1	21,100*	180.0	23,400	180.0	21,100	180.0	17,900		
						196.8	18,900	200.0	15,600	200.0	13,300					190.0	21,600	190.0	19,400	190.0	16,300		
								210.0	14,300	210.0	12,300					190.2	21,600	200.0	18,000	200.0	15,100	203.4	12,300
								216.5	13,600	220.0	11,300							210.0	16,900	210.0	13,800	210.0	11,600
										229.6	10,300							223.0	12,500	223.0	12,500	230.0	9,800
																				242.7	9,000	242.7	9,000
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

200' Boom																							
160 ft Jib						170 ft Jib																	
Boom Angle (deg.)						Boom Angle (deg.)																	
88		83		78		73		68		63		88		83		78		73		68		63	
Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)	Load Radius (ft)	Rated Load (lbs)
65.6	46,700*											65.6	42,700*										
70.0	46,200*											70.0	42,300*										
75.0	45,700*											75.0	41,800*										
80.0	45,000*											80.0	41,300*										
85.0	43,500*											85.0	40,800*										
90.0	41,200*	91.8	46,700*									90.0	39,200*										
95.0	39,000*	95.0	45,400*									95.0	37,400*	98.4	41,000*								
100.0	37,100*	100.0	43,300*									100.0	35,600*	100.0	40,400*								
110.0	33,500*	110.0	38,900*									110.0	32,400*	110.0	36,700*								
120.0	30,500*	120.0	35,000*	124.6	38,500							120.0	29,500*	120.0	33,300*	124.6	34,300*						
130.0	27,800*	130.0	31,800*	130.0	36,400							130.0	27,100*	130.0	30,300*	130.0	32,900*						
140.0	25,700*	140.0	29,100*	140.0	33,000							140.0	25,100*	140.0	27,900*	140.0	30,300*						
150.0	23,500*	150.0	26,600*	150.0	30,200	150.9	26,600					150.0	23,100*	150.0	25,500*	150.0	27,900*	157.4	24,400				
160.0	21,600*	160.0	24,400*	160.0	27,600	160.0	24,500					160.0	21,300*	160.0	23,500*	160.0	25,700*	160.0	23,800				
164.0	20,900*	170.0	22,300*	170.0	25,200	170.0	22,500					170.0	20,100*	170.0	21,700*	170.0	23,500*	170.0	21,900				
		180.0	20,600*	180.0	23,200*	180.0	20,700	183.7	17,400			177.1	18,900*	180.0	20,100*	180.0	21,400*	180.0	20,000	183.7	16,500		
		183.7	20,000*	190.0	19,100*	190.0	19,200	190.0	16,500					190.0	18,500*	190.0	19,400*	190.0	18,500	190.0	15,600		
				200.0	19,700*	200.0	17,800	200.0	15,200	209.9	11,200			196.8	16,900*	200.0	17,500*	200.0	17,200	200.0	14,300		
				203.4	19,100*	210.0	16,500	210.0	13,800	210.0	11,200					209.9	15,600*	210.0	15,800	210.0	13,000	216.5	9,700
						216.5	15,800	220.0	12,800	220.0	10,400							220.0	14,600	220.0	11,900	220.0	9,400
								230.0	11,800	230.0	9,400							229.6	13,000*	230.0	11,000	230.0	8,500
								236.2	11,400	240.0	8,700									242.7	9,900	240.0	7,900
										249.3	8,100											250.0	7,200
																						260.0	6,500
																						262.4	6,300
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

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 P13 and P14.



A series of horizontal lines for writing, consisting of 25 evenly spaced lines.

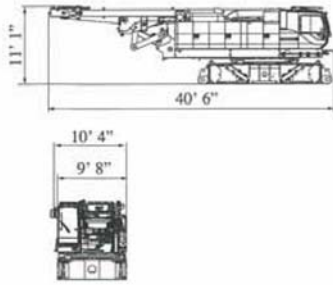


TRANSPORTATION PLAN

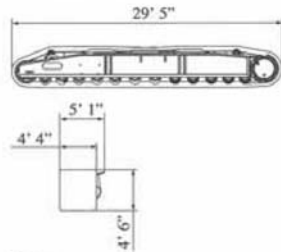
Name	Dimension ft-in (mm)	Weight lbs (kg)
Base Machine • Gantry • Mase • Wire rope (Front / rear / boom hoist) • Without crawler		99,760 (45,250)
Crawler		51,808 (23,500)
Transliifter		860 (390)
Gantry		8,201 (3,720)
Mast		7,848 (3,560)

PARTS AND ATTACHMENTS

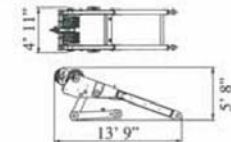
Base Machine
Gantry, Mast, Wire rope (Front/rear/boom hoist),
Without crawler
Weight: 99,760 lbs Width: 10' 4"



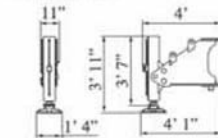
Crawler
Weight: 51,808 lbs



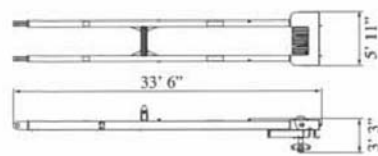
Gantry
Weight: 8,201 lbs



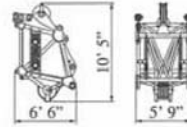
Translifter
Weight: 860 lbs



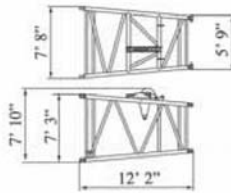
Mast
Weight: 7,848 lbs



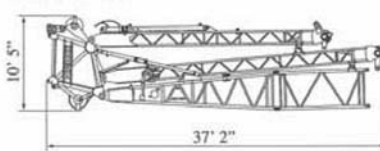
Luffing Boom Tip
Weight: 4,170 lbs



Luffing Taper Insert Boom
Weight: 2,270 lbs

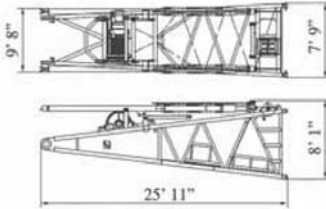


Luffing Boom Tip Assembly
Weight: 13,230 lbs

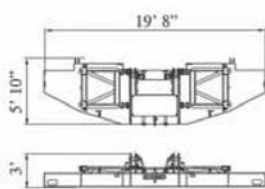


Dimensions: ft Weight: lbs

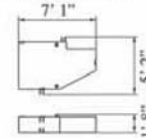
Luffing Boom Base (With Winch)
Weight: 15,015 lbs



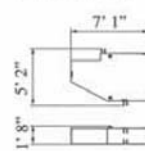
Counterweight A
Weight: 15,540 lbs (With hanger)



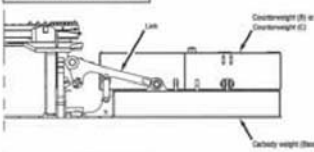
Counterweight B
Weight: 11,883 lbs



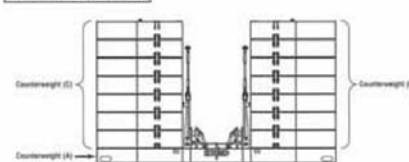
Counterweight C
Weight: 11,883 lbs



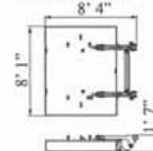
Carbody weight assy



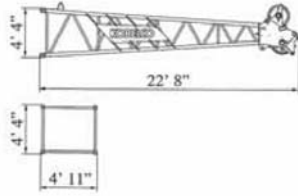
Counterweight assy



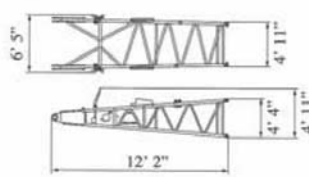
Carbody weight (Base)
Weight: 18,232 lbs



Luffing Jib Tip
Weight: 2,580 lbs



Luffing Jib Base
Weight: 2,515 lbs

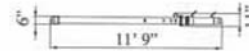


Dimensions: ft Weight: lbs

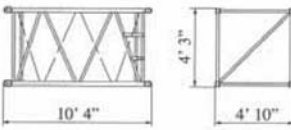
Luffing Jib Backstop
Weight: 245 lbs



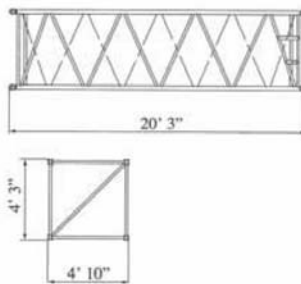
Strut Backstop (Luffing Jib)
Weight: 395 lbs



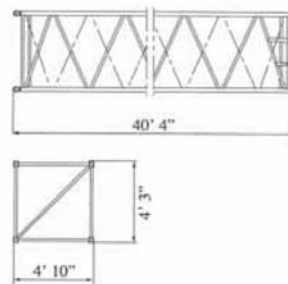
10 ft Insert Jib
Weight: 685 lbs



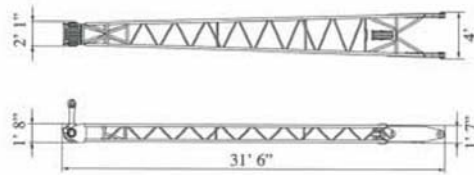
20 ft Insert Jib
Weight: 1,145 lbs



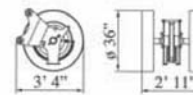
40 ft Insert Jib
Weight: 2,115 lbs



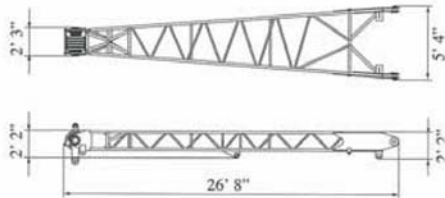
Front Strut (Luffing Jib)
Weight: 2,560 lbs



Auxiliary Sheave (for Luffing Jib)
Weight: 840 lbs



Rear Strut (Luffing Jib)
Weight: 2,490 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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