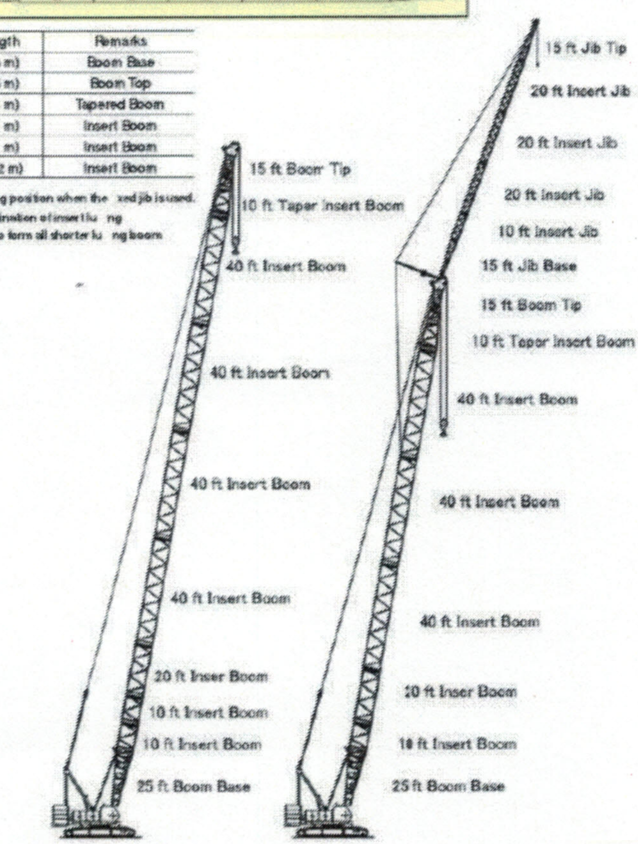
Boom and Fixed Jib Arrangement

Boom Arrangement

Boom length ft (m)	Boom arrangement
50 (15.2)	B 10T
60 (18.3)	※ B 10 10T
70 (21.3)	※ B 10 10 10T B 20 10T
80 (21.3)	※ B 10 20 10T
90 (27.4)	※ B 10 10 20 10T B 40 10T B 20 20 10T
100 (30.5)	※ B 10 20 20 10T B 10 40 10T
110 (33.5)	※ B 10 10 20 20 10T B 20 40 10T B 10 10 40 10T
120 (36.6)	※ B 10 20 40 10T
130 (39.6)	※ B 10 10 20 40 10T B 20 20 40 10T B 40 40 10T
140 (42.7)	※ B 10 20 20 40 10T B 10 40 40 10T
150 (45.7)	※ B 10 10 20 20 40 10T B 20 40 40 10T B 10 10 40 40 10T
160 (48.8)	※ B 10 20 40 40 10T
170 (51.8)	※ B 10 10 20 40 40 10T B 20 20 40 40 10T B 40 40 40 10T
180 (54.9)	※ B 10 20 20 40 40 10T B 10 40 40 40 10T
190 (57.9)	※ B 10 10 20 20 40 40 10T B 10 10 40 40 40 10T B 20 40 40 40 10T
200 (61.0)	※ B 10 20 40 40 40 10T
210 (64.0)	※ B 10 10 20 40 40 40 10T B 20 20 40 40 40 10T B 40 40 40 40 10T
220 (67.1)	※ B 10 20 20 40 40 40 10T B 10 40 40 40 40 10T
230 (70.1)	※ B 10 10 20 20 40 40 40 10T B 10 10 40 40 40 40 10T B 20 40 40 40 40 10T
240 (73.2)	※ B 10 20 40 40 40 40 10T
250 (76.2)	※ B 10 10 20 40 40 40 40 10T B 20 20 40 40 40 40 10T B 40 40 40 40 40 10T

Symbol	Boom Length	Remarks
B	25.0 ft (7.6 m)	Boom Base
T	15.0 ft (4.5 m)	Boom Top
10T	10.0 ft (3.1 m)	Tapered Boom
10	10.0 ft (3.1 m)	Insert Boom
20	20.0 ft (6.1 m)	Insert Boom
40	40.0 ft (12.2 m)	Insert Boom

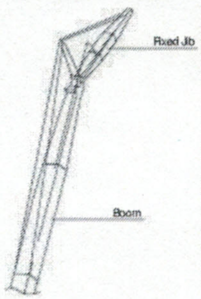
mark shows the guy line instaling position when the xed jib is used.
※ indicates the most exible combination of insert lu ng booms, which can be modi ed to form all shorter lu ng boom arrangements.



250 ft (76.2 m) Main Boom

200 ft (60.1 m) Main Boom and 100 ft (30.5 m) Jib

Fixed Jib Arrangement

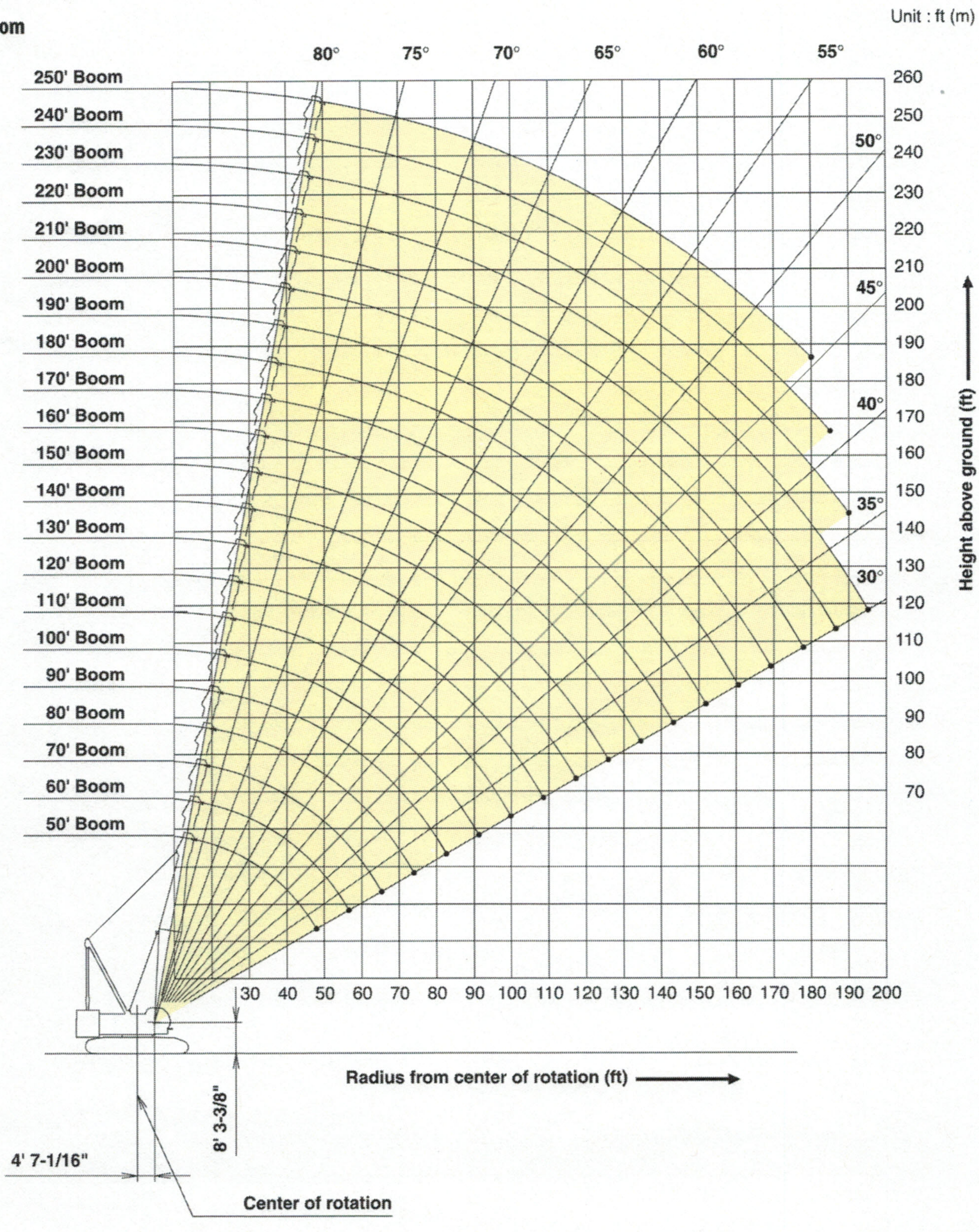


Crane boom length	Jib length ft (m)	Jib arrangement
90 ft (27.4 m) ~ 200 ft (61.0 m)	40 (12.2)	B 10 T
	60 (18.3)	B 10 20 T
	80 (24.4)	B 10 20 20 T
	100 (30.5)	B 10 20 20 20 T

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

Working Ranges

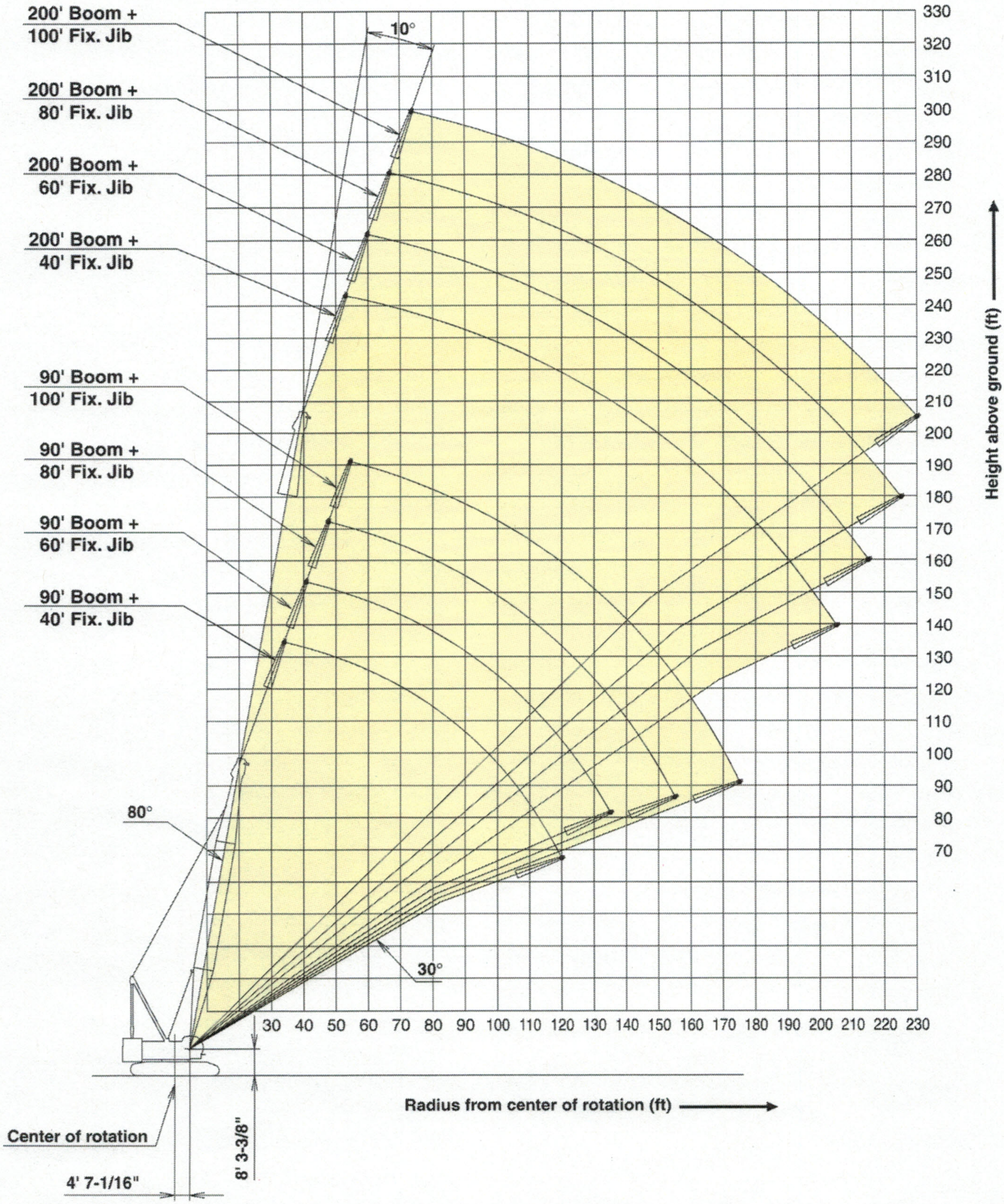
Main Boom



Working Ranges

Fixed Jib 10° (with additional counterweight)

Unit : ft (m)



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. Rated loads do not exceed 75% of minimum tipping loads. Rated loads 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.

   - The crane must be leveled to within 1% on a firm supporting surface.
   - Boom backstops are required for all boom length.
   - Gantry must be fully raised position for all operations.

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 rated loads.

6. Weight of hooks, hook blocks, slings and other lifting devices are a part of the total load. Their total weight must be subtracted from the rated load to obtain the weight that can be lifted.

7. When lifting over boom point with jib or auxiliary sheave, rated loads for the boom must be deducted as shown below.

Jib Length	Aux Sheave	40 ft	60 ft	80 ft	100 ft
Deduct (lbs)	1,200	7,055	8,010	8,965	9,920

8. The total load that can be lifted by jib is limited by rated jib loads.

9. Boom lengths for jib mounting are 90 ft (27.4 m) to 200 ft (61.0 m)

10. 40 ft 12.2 m) jib length with offset angle at 10 degrees, with one part of line on hook is not allowed.

11. The total load that can be lifted by the auxiliary sheave is the value for 1,250 lbs deducted from rated load for the boom (without auxiliary sheave installed); however, the auxiliary sheave rated load should not exceed 59,000 lbs.

12. Boom lengths that can attach auxiliary sheave are from 50 ft (15.2 m) to 240 ft (73.2 m).

13. The boom should be erected over the front of the crawlers, not laterally. When lifting from or lowering to the ground the boom at length of 240 ft (73.2 m) with jib, the blocks for erections must be placed at the end of the crawlers.

14. Least stable position is over the side.

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

Maximum Load for Main Boom

No. of Parts of line	1	2	3	4	5
Maximum Loads (lbs)	25,000	50,000	75,000	100,000	125,000

No. of Parts of line	6	7	8	9	10
Maximum Loads (lbs)	150,000	175,000	200,000	225,000	240,000

Maximum Load for Fixed Jib

No. of Parts of line	1
Maximum Loads (lbs)	24,000

Maximum Load Auxiliary Sheave

No. of Parts of line	1	2
Maximum Loads (lbs)	24,000	50,000

16. Weight of recommended hook block

Hook Block	160 t	110 t	70 t	30 t	15 t ball hook
Weight (lbs)	5,275	3,960	2,775	2,200	1,315

17. Rated loads listed apply only to the machine as originally manufactured and designed by KOBELCO CONSTRUCTION MACHINERY CO., LTD. Modifications to this machine or use of equipment other than that specified can reduce operating capacity.

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

Main Boom Lift Capacity

Full Counterweight: 121,300 lbs   Carbody Weight: 23,810

50' Boom		
Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
15.0	79.9	320,000 *
16.0	78.7	300,100 *
17.0	77.5	282,500 *
18.0	76.3	266,800 *
19.0	75.1	252,700 *
20.0	73.9	240,100 *
22.0	71.5	218,300 *
24.0	69.1	197,700 *
26.0	66.5	177,400 *
28.0	64.0	160,400 *
30.0	61.4	145,900 *
32.0	58.7	133,300 *
34.0	55.9	122,100 *
36.0	53.0	112,200 *
38.0	50.0	103,300 *
40.0	46.8	95,200 *
45.0	38.0	76,900 *
Reeves		11

60' Boom		
Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
17.0	79.6	280,000 *
18.0	78.7	266,000 *
19.0	77.7	251,900 *
20.0	76.7	239,300 *
22.0	74.7	218,000 *
24.0	72.7	197,500 *
26.0	70.7	178,300 *
28.0	68.6	162,200 *
30.0	66.5	148,300
32.0	64.4	134,900
34.0	62.2	123,600
36.0	60.0	113,900
38.0	57.7	105,800
40.0	55.4	98,500
45.0	49.3	83,900
50.0	42.4	72,000 *
55.0	34.4	60,100 *
Reeves		10

70' Boom		
Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
19.0	79.5	251,100 *
20.0	78.6	238,500 *
22.0	76.9	217,100 *
24.0	75.3	194,600 *
26.0	73.5	176,300 *
28.0	71.8	160,900 *
30.0	70.1	147,900 *
32.0	68.3	134,700
34.0	66.5	123,400
36.0	64.7	113,700
38.0	62.8	105,500
40.0	61.0	98,300
45.0	56.1	83,700
50.0	50.9	72,700
55.0	45.3	64,300
60.0	39.0	57,300 *
65.0	31.7	48,700 *
Reeves		9

80' Boom		
Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
22.0	78.6	211,800 *
24.0	77.1	190,200 *
26.0	75.7	172,600 *
28.0	74.2	157,800 *
30.0	72.7	145,500 *
32.0	71.1	134,400
34.0	69.6	123,000
36.0	68.1	113,300
38.0	66.5	105,100
40.0	64.9	97,800
45.0	60.8	83,300
50.0	56.6	72,300
55.0	52.1	63,900
60.0	47.4	56,800
65.0	42.2	51,300
70.0	36.3	46,700 *
75.0	29.5	40,300 *
Reeves		8

90' Boom		
Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
22.0	79.9	207,600 *
24.0	78.6	186,500 *
26.0	77.3	169,000 *
28.0	76.0	154,700 *
30.0	74.6	142,600 *
32.0	73.3	132,200 *
34.0	72.0	122,700
36.0	70.6	113,000
38.0	69.3	104,700
40.0	67.9	97,400
45.0	64.4	82,800
50.0	60.8	72,000
55.0	57.0	63,400
60.0	53.1	56,400
65.0	48.9	50,900
70.0	44.4	46,200
75.0	39.6	42,300
80.0	34.1	38,800 *
Reeves		8

100' Boom		
Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
24.0	79.8	183,400 *
26.0	78.6	166,400 *
28.0	77.4	152,300 *
30.0	76.2	140,400 *
32.0	75.0	130,200 *
34.0	73.8	121,400 *
36.0	72.6	112,800
38.0	71.4	104,700
40.0	70.2	97,400
45.0	67.1	82,800
50.0	63.9	71,800
55.0	60.7	63,200
60.0	57.3	56,400
65.0	53.8	50,700
70.0	50.1	46,000
75.0	46.2	41,800
80.0	42.0	38,500
85.0	37.4	35,700
90.0	32.3	32,800 *
Reeves		7

110' Boom		
Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
26.0	79.6	164,200 *
28.0	78.6	150,100 *
30.0	77.5	138,200 *
32.0	76.4	128,300 *
34.0	75.4	119,400 *
36.0	74.3	111,900 *
38.0	73.2	104,400
40.0	72.1	97,200
45.0	69.3	82,600
50.0	66.5	71,600
55.0	63.6	63,000
60.0	60.6	56,200
65.0	57.5	50,400
70.0	54.4	45,600
75.0	51.1	41,600
80.0	47.6	38,300
85.0	43.9	35,200
90.0	39.9	32,800
95.0	35.6	30,400
100.0	30.7	27,900 *
Reeves		6

120' Boom		
Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
28.0	79.5	147,000 *
30.0	78.6	135,500 *
32.0	77.6	125,600 *
34.0	76.6	117,000 *
36.0	75.6	109,500 *
38.0	74.6	102,900 *
40.0	73.6	96,700
45.0	71.1	82,200
50.0	68.6	71,200
55.0	65.9	62,600
60.0	63.3	55,500
65.0	60.6	50,000
70.0	57.8	45,100
75.0	54.9	41,200
80.0	51.9	37,600
85.0	48.7	34,800
90.0	45.4	32,100
95.0	41.9	29,900
100.0	38.1	27,900
105.0	34.0	26,000
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 on page 21.

Main Boom Lift Capacity

Full Counterweight: 121,300 lbs   Carbody Weight: 23,810

130' Boom

Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
30.0	79.5	134,000 *
32.0	78.6	124,100 *
34.0	77.7	115,500 *
36.0	76.7	108,200 *
38.0	75.8	101,600 *
40.0	74.9	95,600 *
45.0	72.6	82,000
50.0	70.3	70,900
55.0	67.9	62,300
60.0	65.5	55,500
65.0	63.0	49,800
70.0	60.5	44,900
75.0	57.9	41,000
80.0	55.3	37,400
85.0	52.5	34,600
90.0	49.7	31,900
95.0	46.7	29,700
100.0	43.5	27,500
105.0	40.2	25,700
110.0	36.6	24,200
115.0	32.6	22,700 *
Reeves		5

140' Boom

Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
32.0	79.4	122,100 *
34.0	78.5	113,500 *
36.0	77.7	106,200 *
38.0	76.9	99,800 *
40.0	76.0	94,100 *
45.0	73.9	81,700
50.0	71.7	70,700
55.0	69.6	62,100
60.0	67.4	55,100
65.0	65.1	49,300
70.0	62.8	44,700
75.0	60.5	40,700
80.0	58.1	37,200
85.0	55.6	34,100
90.0	53.1	31,700
95.0	50.5	29,300
100.0	47.7	27,300
105.0	44.9	25,300
110.0	41.8	23,800
115.0	38.6	22,200
120.0	35.2	20,900
125.0	31.4	19,600 *
Reeves		5

150' Boom

Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
34.0	79.3	112,600 *
36.0	78.5	105,100 *
38.0	77.8	98,700 *
40.0	77.0	93,000 *
45.0	75.0	81,100 *
50.0	73.0	70,500
55.0	71.0	61,900
60.0	69.0	54,800
65.0	66.9	49,100
70.0	64.8	44,500
75.0	62.6	40,300
80.0	60.4	37,000
85.0	58.2	33,900
90.0	55.9	31,300
95.0	53.6	29,100
100.0	51.1	26,800
105.0	48.6	25,100
110.0	46.0	23,300
115.0	43.2	22,000
120.0	40.3	20,700
125.0	37.2	19,400
130.0	33.9	18,200 *
135.0	30.2	16,500 *
Reeves		4

160' Boom

Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
34.0	80.0	110,800 *
36.0	79.3	103,600 *
38.0	78.5	97,000 *
40.0	77.8	91,200 *
45.0	76.0	79,500 *
50.0	74.1	70,100
55.0	72.2	61,500
60.0	70.3	54,600
65.0	68.4	48,900
70.0	66.5	44,000
75.0	64.5	40,100
80.0	62.5	36,500
85.0	60.4	33,500
90.0	58.3	30,800
95.0	56.2	28,600
100.0	54.0	26,600
105.0	51.7	24,600
110.0	49.4	23,100
115.0	47.0	21,600
120.0	44.4	20,200
125.0	41.8	18,900
130.0	39.0	17,800
135.0	36.0	16,700
140.0	32.8	15,600 *
Reeves		4

170' Boom

Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
36.0	79.9	102,000 *
38.0	79.2	95,600 *
40.0	78.5	89,900 *
45.0	76.8	78,200 *
50.0	75.1	69,200 *
55.0	73.3	61,200
60.0	71.5	54,200
65.0	69.7	48,500
70.0	67.9	43,800
75.0	66.1	39,600
80.0	64.2	36,300
85.0	62.3	33,200
90.0	60.4	30,600
95.0	58.4	28,200
100.0	56.4	26,200
105.0	54.4	24,400
110.0	52.2	22,700
115.0	50.1	21,100
120.0	47.8	19,800
125.0	45.5	18,700
130.0	43.0	17,400
135.0	40.5	16,500
140.0	37.8	15,400
145.0	34.9	14,500
150.0	31.8	13,200 *
Reeves		4

180' Boom

Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
38.0	79.8	88,400 *
40.0	79.2	88,400 *
45.0	77.6	77,600 *
50.0	75.9	68,500 *
55.0	74.3	61,000 *
60.0	72.6	54,000
65.0	70.9	48,200
70.0	69.2	43,600
75.0	67.5	39,400
80.0	65.8	36,100
85.0	64.0	33,000
90.0	62.2	30,400
95.0	60.4	27,900
100.0	58.5	26,000
105.0	56.6	24,000
110.0	54.7	22,400
115.0	52.7	20,900
120.0	50.6	19,600
125.0	48.5	18,200
130.0	46.4	17,100
135.0	44.1	16,000
140.0	41.7	15,200
145.0	39.3	14,300
150.0	36.6	13,400 *
155.0	33.8	12,300 *
160.0	30.8	11,000 *
Reeves		3

190' Boom

Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
40.0	79.8	88,100 *
45.0	78.2	76,400 *
50.0	76.7	67,200 *
55.0	75.1	59,900 *
60.0	73.5	53,700
65.0	72.0	48,000
70.0	70.4	43,200
75.0	68.7	39,200
80.0	67.1	35,700
85.0	65.5	32,600
90.0	63.8	29,900
95.0	62.1	27,700
100.0	60.4	25,500
105.0	58.6	23,800
110.0	56.8	22,000
115.0	55.0	20,500
120.0	53.1	19,100
125.0	51.2	18,000
130.0	49.2	16,700
135.0	47.2	15,800
140.0	45.0	14,700
145.0	42.9	13,800
150.0	40.6	13,000
155.0	38.2	12,300 *
160.0	35.6	11,200 *
165.0	32.9	10,100 *
170.0	30.0	9,000 *
Reeves		3

200' Boom

Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
45.0	78.8	75,100 *
50.0	77.3	66,100 *
55.0	75.9	58,800 *
60.0	74.4	52,900 *
65.0	72.9	47,600
70.0	71.4	42,900
75.0	69.9	38,800
80.0	68.3	35,200
85.0	66.8	32,400
90.0	65.2	29,700
95.0	63.6	27,300
100.0	62.0	25,300
105.0	60.3	23,300
110.0	58.7	21,800
115.0	57.0	20,200
120.0	55.2	18,700
125.0	53.5	17,600
130.0	51.6	16,500
135.0	49.8	15,400
140.0	47.9	14,300
145.0	45.9	13,400
150.0	43.8	12,700
155.0	41.7	11,900
160.0	39.5	11,200 *
165.0	37.1	10,300 *
170.0	34.7	9,200 *
175.0	32.0	8,300 *
Reeves		3

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 on page 21.

Main Boom Lift Capacity

Full Counterweight: 121,300 lbs   Carbody Weight: 23,810

210' Boom

Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
45.0	79.4	73,800 *
50.0	78.0	65,000 *
55.0	76.6	57,700 *
60.0	75.1	51,800 *
65.0	73.7	46,900 *
70.0	72.3	42,500
75.0	70.9	38,300
80.0	69.4	34,800
85.0	67.9	31,900
90.0	66.5	29,300
95.0	64.9	26,800
100.0	63.4	24,900
105.0	61.9	22,900
110.0	60.3	21,300
115.0	58.7	19,800
120.0	57.1	18,500
125.0	55.5	17,100
130.0	53.8	16,000
135.0	52.1	14,900
140.0	50.3	13,800
145.0	48.5	13,000
150.0	46.6	12,300
155.0	44.7	11,400
160.0	42.7	10,500
165.0	40.6	9,900
170.0	38.5	9,200 *
175.0	36.2	8,100 *
180.0	33.8	7,200 *
185.0	31.2	6,300 *
Reeves		3

220' Boom

Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
45.0	79.8	58,800 *
50.0	78.5	58,800 *
55.0	77.2	57,700 *
60.0	75.8	51,800 *
65.0	74.5	46,700 *
70.0	73.1	42,300 *
75.0	71.8	38,300
80.0	70.4	34,800
85.0	69.0	31,700
90.0	67.6	29,100
95.0	66.2	26,800
100.0	64.7	24,600
105.0	63.3	22,900
110.0	61.8	21,100
115.0	60.3	19,600
120.0	58.8	18,200
125.0	57.2	16,900
130.0	55.7	15,800
135.0	54.1	14,700
140.0	52.4	13,800
145.0	50.8	13,000
150.0	49.1	12,100
155.0	47.3	11,200
160.0	45.5	10,300
165.0	43.6	9,700
170.0	41.7	9,000 *
175.0	39.7	8,100 *
180.0	37.6	7,200 *
185.0	35.3	6,600 *
190.0	33.0	5,700 *
195.0	30.5	4,800 *
Reeves		2

230' Boom

Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
50.0	79.0	58,800 *
55.0	77.7	55,700 *
60.0	76.5	50,700 *
65.0	75.2	45,800 *
70.0	73.9	41,400 *
75.0	72.6	37,900 *
80.0	71.3	34,600
85.0	69.9	31,500
90.0	68.6	28,800
95.0	67.3	26,400
100.0	65.9	24,400
105.0	64.5	22,400
110.0	63.1	20,900
115.0	61.7	19,400
120.0	60.3	17,800
125.0	58.8	16,700
130.0	57.4	15,400
135.0	55.9	14,500
140.0	54.3	13,400
145.0	52.8	12,500
150.0	51.2	11,600
155.0	49.6	10,800
160.0	47.9	9,900
165.0	46.2	9,200
170.0	44.4	8,500
175.0	42.6	7,900 *
180.0	40.7	7,000 *
185.0	38.7	6,300 *
190.0	36.7	5,700 *
195.0	34.5	4,800 *
200.0	32.2	4,100 *
Reeves		2

240' Boom

Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
50.0	79.5	54,400 *
55.0	78.3	51,300 *
60.0	77.0	48,200 *
65.0	75.8	44,700 *
70.0	74.6	40,500 *
75.0	73.3	37,000 *
80.0	72.1	33,700 *
85.0	70.8	31,000 *
90.0	69.5	28,400
95.0	68.3	26,000
100.0	67.0	24,000
105.0	65.7	22,000
110.0	64.3	20,500
115.0	63.0	18,900
120.0	61.7	17,600
125.0	60.3	16,300
130.0	58.9	15,200
135.0	57.5	14,100
140.0	56.0	13,000
145.0	54.6	12,100
150.0	53.1	11,000
155.0	51.6	10,300
160.0	50.0	9,400
165.0	48.5	8,800
170.0	46.8	7,900
175.0	45.2	7,200
180.0	43.4	6,800 *
185.0	41.7	6,100 *
190.0	39.8	5,200 *
195.0	37.9	4,600 *
Reeves		2

250' Boom

Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
50.0	79.9	50,200 *
55.0	78.7	47,300 *
60.0	77.6	44,500 *
65.0	76.4	42,100 *
70.0	75.2	39,600 *
75.0	74.0	36,100 *
80.0	72.8	33,000 *
85.0	71.6	30,200 *
90.0	70.4	27,900 *
95.0	69.2	25,700 *
100.0	67.9	23,500
105.0	66.7	21,800
110.0	65.4	20,000
115.0	64.2	18,500
120.0	62.9	17,100
125.0	61.6	15,800
130.0	60.3	14,700
135.0	58.9	13,600
140.0	57.6	12,500
145.0	56.2	11,600
150.0	54.8	10,800
155.0	53.4	9,900
160.0	51.9	9,000
165.0	50.5	8,300
170.0	49.0	7,400
175.0	47.4	6,800
180.0	45.8	6,300 *
185.0	44.2	5,700 *
190.0	42.5	5,000 *
195.0	40.8	4,400 *
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 on page 21.

Fixed Jib Lift Capacity

Full Counterweight: 121,300 lbs Carbody Weight: 23,810

90' Boom

Load Radius (ft)	40 ft Jib				60 ft Jib				80 ft Jib				100 ft Jib				Load Radius (ft)
	Offset Angle (deg.)				Offset Angle (deg.)				Offset Angle (deg.)				Offset Angle (deg.)				
	10		30		10		30		10		30		10		30		
	Boom Angle (deg.)	Rated Load (lbs)	Boom Angle (deg.)	Rated Load (lbs)	Boom Angle (deg.)	Rated Load (lbs)	Boom Angle (deg.)	Rated Load (lbs)	Boom Angle (deg.)	Rated Load (lbs)	Boom Angle (deg.)	Rated Load (lbs)	Boom Angle (deg.)	Rated Load (lbs)	Boom Angle (deg.)	Rated Load (lbs)	
34	79.5	59,000*															34
36	78.6	59,000*															36
38	77.7	59,000*															38
40	76.8	59,000*			79.6	42,500*											40
42	75.8	58,800*			78.8	42,200*											42
44	74.9	58,200*			78.0	42,000*											44
46	74.0	57,600*	79.5	40,100*	77.2	41,700*			79.7	22,000*							46
48	73.1	57,000*	78.5	39,200*	76.5	41,500*			79.0	21,800*							48
50	72.2	56,400*	77.5	38,200*	75.7	41,300*			78.3	21,600*			79.6	13,200*			50
55	69.8	55,100*	75.1	36,100*	73.7	40,300*			76.6	21,300*			78.1	13,000*			55
60	67.4	53,900*	72.7	34,300*	71.6	39,300*	78.8	27,000*	74.8	20,900*			76.5	12,700*			60
65	65.0	51,000*	70.2	32,600*	69.6	38,400*	76.6	25,500*	73.0	20,600*			75.0	12,400*			65
70	62.5	47,200	67.6	31,200*	67.5	36,100*	74.5	24,200*	71.2	20,000*	79.7	16,700*	73.4	12,100*			70
75	59.9	43,100	64.9	29,800*	65.4	33,600*	72.3	23,100*	69.4	19,400*	77.8	16,300*	71.8	11,600*			75
80	57.3	39,600	62.2	28,700*	63.2	31,500*	70.0	22,000*	67.5	18,700*	75.9	15,900*	70.1	11,200*	79.8	9,100*	80
85	54.5	36,600	59.4	27,600*	61.0	29,600*	67.7	21,100*	65.7	18,100*	74.0	15,500*	68.5	10,800*	78.1	8,900*	85
90	51.7	33,900	56.5	26,700*	58.7	27,900*	65.4	20,200*	63.7	17,600*	72.0	15,200*	66.8	10,400*	76.4	8,600*	90
95	48.8	31,600	53.4	25,900*	56.3	26,400*	62.9	19,400*	61.8	17,100*	69.9	14,900*	65.1	10,000*	74.6	8,400*	95
100	45.6	29,500	50.1	25,100*	53.9	25,100*	60.4	18,700*	59.8	16,600*	67.9	14,500*	63.4	9,700*	72.8	8,200*	100
105	42.3	27,700	46.6	24,500*	51.4	23,900*	57.8	18,100*	57.7	16,200*	65.7	13,900*	61.7	9,400*	71.0	8,000*	105
110	38.8	26,000	42.9	23,900*	48.8	22,800*	55.1	17,500*	55.6	15,800*	63.5	13,500*	59.9	9,100*	69.2	7,800*	110
115	34.9	24,400*			46.1	21,800*	52.2	17,000*	53.5	15,400*	61.3	13,000*	58.1	8,800*	67.3	7,600*	115
120	30.6	21,900*			43.2	20,900*	49.2	16,600*	51.2	15,000*	58.9	12,600*	56.2	8,500*	65.4	7,400*	120
125					40.2	20,100*	45.9	16,100*	48.9	14,700*	56.5	12,200*	54.3	8,300*	63.4	7,300*	125
130					36.9	19,400*	42.3	15,800*	46.5	14,400*	53.9	11,900*	52.3	8,100*	61.3	7,100*	130
135					33.3	18,700*			43.9	14,100*	51.2	11,500*	50.3	7,900*	59.2	7,000*	135
140									41.3	13,900*	48.3	11,200*	48.2	7,700*	57.0	6,900*	140
145									38.4	13,600*	45.2	11,000*	46.0	7,500*	54.7	6,800*	145
150									35.4	13,400*	41.9	10,800*	43.8	7,300*	52.3	6,700*	150
155									32.0	13,200*			41.4	7,100*	49.8	6,600*	155
160													38.9	7,000*	47.1	6,500*	160
165													36.2	6,900*	44.2	6,500*	165
170													33.3	6,700*	41.0	6,400*	170
175													30.2	6,600*			175
Reeves	2		2		2		1		1		1		1		1		Reeves

100' Boom

Load Radius (ft)	40 ft Jib				60 ft Jib				80 ft Jib				100 ft Jib				Load Radius (ft)
	Offset Angle (deg.)				Offset Angle (deg.)				Offset Angle (deg.)				Offset Angle (deg.)				
	10		30		10		30		10		30		10		30		
	Boom Angle (deg.)	Rated Load (lbs)	Boom Angle (deg.)	Rated Load (lbs)	Boom Angle (deg.)	Rated Load (lbs)	Boom Angle (deg.)	Rated Load (lbs)	Boom Angle (deg.)	Rated Load (lbs)	Boom Angle (deg.)	Rated Load (lbs)	Boom Angle (deg.)	Rated Load (lbs)	Boom Angle (deg.)	Rated Load (lbs)	
36	79.4	59,000*															36
38	78.6	59,000*															38
40	77.7	59,000*															40
42	76.9	59,000*			79.5	42,400*											42
44	76.0	58,900*			78.8	42,200*											44
46	75.2	58,300*			78.1	41,900*											46
48	74.3	57,700*	79.4	40,000*	77.3	41,700*			79.6	21,900*							48
50	73.5	57,200*	78.5	39,100*	76.6	41,500*			79.0	21,800*							50
55	71.3	55,900*	76.3	37,100*	74.7	40,800*			77.3	21,400*			78.7	13,100*			55
60	69.1	54,700*	74.0	35,200*	72.8	39,900*	79.5	27,600*	75.7	21,100*			77.2	12,800*			60
65	66.9	51,600	71.7	33,600*	70.9	39,000*	77.6	26,100*	74.0	20,800*			75.7	12,500*			65
70	64.6	46,900	69.4	32,100*	69.0	38,000*	75.6	24,900*	72.3	20,500*			74.2	12,300*			70
75	62.3	42,800	67.0	30,800*	67.0	35,500*	73.5	23,700*	70.6	19,800*	78.6	16,400*	72.7	11,900*			75
80	59.9	39,300	64.6	29,600*	65.0	33,200*	71.5	22,700*	68.9	19,200*	76.8	16,000*	71.2	11,500*			80
85	57.5	36,300	62.0	28,600*	63.0	31,300*	69.4	21,700*	67.1	18,600*	75.0	15,700*	69.6	11,000*	78.7	8,900*	85
90	55.0	33,600	59.4	27,600*	60.9	29,500*	67.2	20,800*	65.3	18,000*	73.1	15,400*	68.1	10,700*	77.1	8,700*	90
95	52.4	31,300	56.7	26,800*	58.8	27,900*	65.0	20,100*	63.5	17,500*	71.2	15,100*	66.5	10,300*	75.5	8,500*	95
100	49.6	29,200	53.9	26,000*	56.6	26,600*	62.7	19,400*	61.7	17,100*	69.3	14,800*	64.9	10,000*	73.8	8,300*	100
105	46.8	27,300	51.0	25,300*	54.3	25,300*	60.4	18,700*	59.8	16,600*	67.4	14,300*	63.2	9,700*	72.1	8,100*	105
110	43.8	25,600	47.9	24,700*	52.0	24,100*	58.0	18,100*	57.9	16,200*	65.4	13,800*	61.6	9,300*	70.4	7,900*	110
115	40.7	24,100	44.5	24,100*	49.6	23,100*	55.5	17,600*	55.9	15,800*	63.3	13,400*	59.9	9,100*	68.7	7,700*	115
120	37.3	22,700	40.9	23,000	47.1	22,100*	52.8	17,100*	53.9	15,400*	61.2	13,000*	58.2	8,800*	66.9	7,500*	120
125	33.5	21,100*			44.5	21,300*	50.1	16,700*	51.8	15,100*	59.0	12,600*	56.4	8,500*	65.1	7,400*	125
130					41.7	20,500*	47.1	16,300*	49.6	14,800*	56.7	12,200*	54.6	8,300*	63.2	7,200*	130
135					38.8	19,700	43.9	15,900*	47.4	14,500*	54.3	11,900*	52.7	8,100*	61.3	7,100*	135
140					35.6	18,600*	40.5	15,600*	45.0	14,200*	51.9	11,600*	50.8	7,900*	59.3	7,000*	140
145					32.1	17,000*			42.6	14,000*	49.2	11,300*	48.9	7,700*	57.2	6,900*	145
150									40.0	13,700*	46.4	11,100*	46.8	7,500*	55.1	6,800*	150
155									37.2	13,500*	43.4	10,800*	44.7	7,400*	52.8	6,700*	155
160									34.2	13,300*	40.2	10,600*	42.5	7,200*	50.5	6,600*	160
165									31.0	13,200*			40.2	7,000*	48.0	6,500*	165
170													37.8	6,900*	45.4	6,500*	170
175													35.2	6,800*	42.6	6,400*	175
180													32.4	6,700*			180
Reeves	2		2		2		1		1		1		1		1		Reeves

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 on page 21.

Fixed Jib Lift Capacity

Full Counterweight: 121,300 lbs   Carbody Weight: 23,810

110' Boom

Load Radius (ft)	40 ft Jib				60 ft Jib				80 ft Jib				100 ft Jib				Load Radius (ft)
	Offset Angle (deg.)				Offset Angle (deg.)				Offset Angle (deg.)				Offset Angle (deg.)				
	10		30		10		30		10		30		10		30		
	Boom Angle (deg.)	Rated Load (lbs)	Boom Angle (deg.)	Rated Load (lbs)	Boom Angle (deg.)	Rated Load (lbs)	Boom Angle (deg.)	Rated Load (lbs)	Boom Angle (deg.)	Rated Load (lbs)	Boom Angle (deg.)	Rated Load (lbs)	Boom Angle (deg.)	Rated Load (lbs)	Boom Angle (deg.)	Rated Load (lbs)	
38	79.3	59,000*															38
40	78.6	59,000*															40
42	77.8	59,000*															42
44	77.0	59,000*			79.5	42,300*											44
46	76.2	58,900*			78.8	42,100*											46
48	75.4	58,400*			78.1	41,900*											48
50	74.6	57,800*	79.3	39,900*	77.4	41,700*			79.6	21,900*							50
55	72.6	56,600*	77.3	37,900*	75.6	41,200*			78.0	21,600*			79.3	13,100*			55
60	70.6	55,400*	75.2	36,100*	73.9	40,300*			76.5	21,200*			77.8	12,900*			60
65	68.5	51,300	73.1	34,500*	72.1	39,500*	78.4	26,700*	74.9	20,900*			76.4	12,600*			65
70	66.4	46,500	70.9	33,000*	70.3	38,600*	76.5	25,400*	73.3	20,600*			75.0	12,400*			70
75	64.3	42,500	68.8	31,700*	68.5	37,300*	74.6	24,300*	71.7	20,200*	79.2	16,600*	73.6	12,200*			75
80	62.1	38,900	66.5	30,500*	66.6	35,000*	72.7	23,300*	70.1	19,600*	77.6	16,200*	72.1	11,700*			80
85	59.9	35,900	64.2	29,500*	64.7	32,900*	70.8	22,300*	68.4	19,000*	75.9	15,800*	70.7	11,300*	79.3	9,000*	85
90	57.6	33,300	61.9	28,500*	62.8	31,100*	68.8	21,400*	66.8	18,400*	74.1	15,500*	69.2	10,900*	77.8	8,800*	90
95	55.3	30,900	59.5	27,600*	60.8	29,400*	66.8	20,700*	65.1	17,900*	72.4	15,200*	67.7	10,600*	76.3	8,500*	95
100	52.9	28,800	57.0	26,800*	58.8	28,000*	64.7	19,900*	63.3	17,500*	70.6	14,900*	66.2	10,200*	74.7	8,300*	100
105	50.4	27,000	54.4	26,100*	56.8	26,600*	62.6	19,300*	61.6	17,000*	68.8	14,700*	64.6	9,900*	73.1	8,200*	105
110	47.8	25,300	51.7	25,400*	54.7	25,400*	60.4	18,700*	59.8	16,600*	66.9	14,200*	63.1	9,600*	71.5	8,000*	110
115	45.1	23,800	48.9	24,100	52.5	24,200	58.1	18,100*	58.0	16,200*	65.0	13,800*	61.5	9,300*	69.9	7,800*	115
120	42.2	22,400	45.9	22,700	50.3	22,800	55.8	17,600*	56.1	15,800*	63.1	13,300*	59.9	9,100*	68.2	7,600*	120
125	39.2	21,100	42.6	21,400	48.0	21,500	53.3	17,200*	54.2	15,500*	61.1	12,900*	58.3	8,800*	66.5	7,500*	125
130	35.9	20,000			45.6	20,400	50.8	16,700*	52.2	15,200*	59.1	12,600*	56.6	8,600*	64.8	7,300*	130
135	32.3	18,200*			43.0	19,300	48.1	16,400*	50.2	14,900*	56.9	12,200*	54.9	8,300*	63.0	7,200*	135
140					40.4	18,300	45.3	16,000*	48.1	14,600*	54.7	11,900*	53.1	8,100*	61.2	7,100*	140
145					37.5	17,400	42.2	15,700*	45.9	14,300*	52.4	11,600*	51.3	7,900*	59.3	7,000*	145
150					34.4	16,200*			43.7	14,100*	50.0	11,400*	49.5	7,800*	57.4	6,900*	150
155					31.1	14,800*			41.3	13,800*	47.5	11,100*	47.6	7,600*	55.4	6,800*	155
160									38.8	13,600*	44.7	10,900*	45.6	7,400*	53.3	6,700*	160
165									36.1	13,400*	41.8	10,700*	43.5	7,200*	51.1	6,600*	165
170									33.2	13,300*			41.4	7,100*	48.8	6,500*	170
175									30.0	12,500*			39.2	7,000*	46.4	6,500*	175
180													36.8	6,900*	43.8	6,400*	180
185													34.2	6,700*	41.1	6,400*	185
190													31.5	6,700*			190
Reeves	2		2		2		1		1		1		1		1		Reeves

120' Boom

Load Radius (ft)	40 ft Jib				60 ft Jib				80 ft Jib				100 ft Jib				Load Radius (ft)
	Offset Angle (deg.)				Offset Angle (deg.)				Offset Angle (deg.)				Offset Angle (deg.)				
	10		30		10		30		10		30		10		30		
	Boom Angle (deg.)	Rated Load (lbs)	Boom Angle (deg.)	Rated Load (lbs)	Boom Angle (deg.)	Rated Load (lbs)	Boom Angle (deg.)	Rated Load (lbs)	Boom Angle (deg.)	Rated Load (lbs)	Boom Angle (deg.)	Rated Load (lbs)	Boom Angle (deg.)	Rated Load (lbs)	Boom Angle (deg.)	Rated Load (lbs)	
38	80.0	59,000*															38
40	79.3	59,000*															40
42	78.5	59,000*															42
44	77.8	59,000*															44
46	77.1	59,000*			79.4	42,300*											46
48	76.3	59,000*			78.8	42,100*											48
50	75.6	58,500*	80.0	40,600*	78.1	41,900*											50
55	73.7	57,200*	78.1	38,700*	76.5	41,400*			78.6	21,700*			79.7	13,200*			55
60	71.8	56,100*	76.2	36,900*	74.8	40,700*			77.2	21,400*			78.4	13,000*			60
65	69.9	50,900	74.2	35,300*	73.1	39,900*	79.1	27,200*	75.7	21,000*			77.1	12,700*			65
70	68.0	46,100	72.2	33,900*	71.4	39,100*	77.3	25,900*	74.2	20,800*			75.7	12,500*			70
75	66.0	42,000	70.2	32,600*	69.7	38,400*	75.6	24,800*	72.7	20,500*	79.8	16,700*	74.4	12,300*			75
80	64.0	38,500	68.2	31,400*	68.0	36,600*	73.8	23,800*	71.1	19,900*	78.2	16,300*	73.0	12,000*			80
85	62.0	35,400	66.1	30,300*	66.2	34,500*	72.0	22,900*	69.6	19,400*	76.6	16,000*	71.6	11,500*	79.9	9,100*	85
90	59.9	32,800	64.0	29,300*	64.5	32,600*	70.1	22,000*	68.0	18,800*	75.0	15,700*	70.2	11,100*	78.4	8,900*	90
95	57.8	30,400	61.8	28,400*	62.6	30,900*	68.3	21,200*	66.4	18,300*	73.4	15,400*	68.8	10,800*	77.0	8,600*	95
100	55.6	28,300	59.5	27,600*	60.8	28,800	66.3	20,500*	64.8	17,900*	71.7	15,100*	67.3	10,500*	75.5	8,400*	100
105	53.4	26,500	57.2	26,800*	58.9	26,900	64.4	19,800*	63.2	17,400*	70.0	14,900*	65.9	10,100*	74.0	8,200*	105
110	51.1	24,800	54.8	25,300	57.0	25,200	62.4	19,200*	61.5	17,000*	68.3	14,600*	64.4	9,800*	72.5	8,100*	110
115	48.7	23,300	52.3	23,700	55.0	23,700	60.3	18,700*	59.8	16,600*	66.6	14,100*	62.9	9,600*	71.0	7,900*	115
120	46.2	21,900	49.7	22,300	53.0	22,300	58.2	18,200*	58.1	16,200*	64.8	13,700*	61.4	9,300*	69.4	7,700*	120
125	43.5	20,600	47.0	21,000	50.9	21,000	56.1	17,700*	56.3	15,900*	62.9	13,300*	59.9	9,000*	67.8	7,600*	125
130	40.8	19,500	44.1	19,800	48.7	19,900	53.8	17,200*	54.5	15,500*	61.0	12,900*	58.3	8,800*	66.2	7,400*	130
135	37.8	18,400	41.0	18,700	46.5	18,800	51.4	16,800*	52.7	15,200*	59.1	12,600*	56.7	8,600*	64.5	7,300*	135
140	34.7	17,100*			44.1	17,800	49.0	16,500*	50.8	14,900*	57.1	12,300*	55.1	8,300*	62.8	7,200*	140
145	31.2	15,500*			41.7	16,900	46.4	16,200*	48.8	14,700*	55.0	11,900*	53.5	8,200*	61.1	7,100*	145
150					39.1	16,100	43.6	15,800*	46.8	14,400*	52.9	11,700*	51.8	8,000*	59.3	7,000*	150
155					36.4	15,100*	40.6	15,600*	44.6	14,100*	50.7	11,400*	50.0	7,800*	57.5	6,900*	155
160					33.4	13,800*			42.4	13,900*	48.3	11,200*	48.2	7,600*	55.6	6,800*	160
165					30.1	12,600*			40.1	13,700*	45.8	11,000*	46.4	7,500*	53.7	6,700*	165
170									37.7	13,500*	43.2	10,800*	44.4	7,300*	51.6	6,600*	170
175									35.1	12,700*	40.3	10,600*	42.4	7,200*	49.5	6,500*	175
180									32.3	11,700*			40.3	7,000*	47.3	6,500*	180
185													38.2	6,900*	44.9	6,400*	185
190													35.8	6,800*	42.4	6,400*	190
195													33.4	6,700*			195
200													30.7	6,600*			200
Reeves	2		2		2		1		1		1		1		1		Reeves

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 on page 21.

Fixed Jib Lift Capacity

Full Counterweight: 121,300 lbs Carbody Weight: 23,810

130' Boom

Load Radius (ft)	40 ft Jib				60 ft Jib				80 ft Jib				100 ft Jib				Load Radius (ft)
	Offset Angle (deg.)				Offset Angle (deg.)				Offset Angle (deg.)				Offset Angle (deg.)				
	10		30		10		30		10		30		10		30		
	Boom Angle (deg.)	Rated Load (lbs)	Boom Angle (deg.)	Rated Load (lbs)	Boom Angle (deg.)	Rated Load (lbs)	Boom Angle (deg.)	Rated Load (lbs)	Boom Angle (deg.)	Rated Load (lbs)	Boom Angle (deg.)	Rated Load (lbs)	Boom Angle (deg.)	Rated Load (lbs)	Boom Angle (deg.)	Rated Load (lbs)	
40	79.9	59,000*															40
42	79.2	59,000*															42
44	78.5	59,000*															44
46	77.9	59,000*			80.0	42,400*											46
48	77.2	59,000*			79.4	42,200*											48
50	76.5	59,000*			78.7	42,000*											50
55	74.7	57,800*	78.8	39,400*	77.2	41,600*			79.2	21,800*							55
60	73.0	56,400	77.0	37,600*	75.6	41,100*			77.8	21,500*			78.9	13,000*			60
65	71.2	50,600	75.2	36,100*	74.1	40,300*	79.7	27,700*	76.4	21,200*			77.6	12,800*			65
70	69.4	45,800	73.4	34,600*	72.5	39,500*	78.0	26,400*	74.9	20,900*			76.4	12,600*			70
75	67.5	41,700	71.5	33,300*	70.9	38,800*	76.4	25,300*	73.5	20,600*			75.1	12,400*			75
80	65.7	38,200	69.6	32,200*	69.2	38,100*	74.7	24,300*	72.1	20,300*	78.9	16,400*	73.7	12,200*			80
85	63.8	35,100	67.7	31,100*	67.6	35,700	73.0	23,400*	70.6	19,700*	77.3	16,100*	72.4	11,800*			85
90	61.9	32,500	65.7	30,100*	65.9	33,000	71.3	22,500*	69.1	19,200*	75.8	15,800*	71.1	11,400*	79.0	8,900*	90
95	59.9	30,100	63.7	29,200*	64.2	30,600	69.6	21,800*	67.6	18,700*	74.3	15,500*	69.8	11,000*	77.6	8,700*	95
100	57.9	28,000	61.7	28,300*	62.5	28,500	67.8	21,000*	66.1	18,200*	72.7	15,200*	68.4	10,700*	76.2	8,500*	100
105	55.9	26,100	59.6	26,800	60.8	26,600	66.0	20,400*	64.6	17,800*	71.1	15,000*	67.0	10,400*	74.8	8,300*	105
110	53.8	24,500	57.4	25,000	59.0	24,900	64.1	19,700*	63.0	17,300*	69.5	14,800*	65.6	10,100*	73.4	8,200*	110
115	51.6	22,900	55.2	23,400	57.1	23,400	62.3	19,200*	61.4	16,900*	67.9	14,400*	64.2	9,800*	71.9	8,000*	115
120	49.4	21,600	52.8	22,000	55.3	22,000	60.3	18,600*	59.8	16,600*	66.2	14,000*	62.8	9,500*	70.4	7,800*	120
125	47.1	20,300	50.4	20,700	53.4	20,700	58.3	18,200*	58.2	16,200*	64.5	13,600*	61.4	9,300*	68.9	7,700*	125
130	44.7	19,100	47.9	19,500	51.4	19,500	56.3	17,700*	56.5	15,900*	62.8	13,200*	59.9	9,000*	67.4	7,500*	130
135	42.1	18,100	45.3	18,400	49.4	18,500	54.2	17,300*	54.8	15,600*	61.0	12,900*	58.4	8,800*	65.9	7,400*	135
140	39.4	17,100	42.5	17,300	47.3	17,500	52.0	16,900*	53.0	15,300*	59.2	12,600*	56.9	8,600*	64.3	7,300*	140
145	36.6	16,000*			45.1	16,600	49.7	16,600*	51.2	15,000*	57.3	12,300*	55.3	8,400*	62.7	7,200*	145
150	33.5	14,600*			42.8	15,700	47.3	16,200*	49.4	14,700*	55.3	12,000*	53.8	8,200*	61.1	7,000*	150
155	30.2	13,200*			40.5	14,900	44.8	15,500	47.5	14,500*	53.3	11,700*	52.1	8,000*	59.4	6,900*	155
160					38.0	14,100*	42.1	14,700	45.5	14,200*	51.2	11,500*	50.5	7,800*	57.6	6,900*	160
165					35.3	13,000*			43.4	13,900	49.1	11,200*	48.8	7,700*	55.9	6,800*	165
170					32.4	11,900*			41.3	13,300	46.8	11,000*	47.0	7,500*	54.0	6,700*	170
175									39.0	12,700	44.3	10,900*	45.2	7,400*	52.1	6,600*	175
180									36.7	11,900*	41.8	10,700*	43.3	7,200*	50.1	6,500*	180
185									34.1	11,000*			41.4	7,100*	48.1	6,500*	185
190									31.4	10,000*			39.4	7,000*	45.9	6,400*	190
195													37.2	6,900*	43.6	6,400*	195
200													35.0	6,800*	41.1	6,400*	200
205													32.5	6,700*			205
Reeves	2		2		2		1		1		1		1		1		Reeves

140' Boom

Load Radius (ft)	40 ft Jib				60 ft Jib				80 ft Jib				100 ft Jib				Load Radius (ft)
	Offset Angle (deg.)				Offset Angle (deg.)				Offset Angle (deg.)				Offset Angle (deg.)				
	10		30		10		30		10		30		10		30		
	Boom Angle (deg.)	Rated Load (lbs)	Boom Angle (deg.)	Rated Load (lbs)	Boom Angle (deg.)	Rated Load (lbs)	Boom Angle (deg.)	Rated Load (lbs)	Boom Angle (deg.)	Rated Load (lbs)	Boom Angle (deg.)	Rated Load (lbs)	Boom Angle (deg.)	Rated Load (lbs)	Boom Angle (deg.)	Rated Load (lbs)	
42	79.8	59,000*															42
44	79.2	59,000*															44
46	78.5	59,000*															46
48	77.9	59,000*			79.9	42,400*											48
50	77.2	59,000*			79.3	42,200*											50
55	75.6	58,400*	79.5	40,000*	77.8	41,700*			79.7	21,900*							55
60	73.9	56,100	77.8	38,300*	76.4	41,300*			78.4	21,600*			79.4	13,100*			60
65	72.3	50,300	76.1	36,700*	74.9	40,700*			77.0	21,300*			78.2	12,900*			65
70	70.6	45,500	74.4	35,400*	73.4	39,900*	78.7	26,900*	75.7	21,000*			76.9	12,700*			70
75	68.9	41,400	72.6	34,100*	71.9	39,200*	77.1	25,800*	74.3	20,800*			75.7	12,500*			75
80	67.1	37,800	70.9	32,900*	70.3	38,400	75.6	24,800*	72.9	20,500*	79.4	16,500*	74.4	12,300*			80
85	65.4	34,800	69.1	31,800*	68.8	35,300	74.0	23,900*	71.5	20,100*	78.0	16,200*	73.2	12,000*			85
90	63.6	32,100	67.2	30,800*	67.2	32,600	72.4	23,000*	70.1	19,500*	76.5	15,900*	71.9	11,600*	79.5	9,000*	90
95	61.8	29,800	65.4	29,900*	65.6	30,300	70.7	22,200*	68.7	19,000*	75.1	15,600*	70.6	11,300*	78.2	8,800*	95
100	59.9	27,700	63.5	28,400	64.0	28,200	69.1	21,500*	67.3	18,600*	73.6	15,400*	69.4	10,900*	76.8	8,600*	100
105	58.0	25,800	61.6	26,500	62.4	26,300	67.4	20,800*	65.8	18,100*	72.1	15,100*	68.1	10,600*	75.5	8,400*	105
110	56.1	24,100	59.6	24,700	60.7	24,600	65.7	20,200*	64.4	17,700*	70.6	14,900*	66.7	10,300*	74.1	8,200*	110
115	54.1	22,600	57.5	23,100	59.0	23,000	63.9	19,700*	62.9	17,300*	69.1	14,700*	65.4	10,000*	72.8	8,100*	115
120	52.1	21,200	55.5	21,700	57.3	21,600	62.1	19,100*	61.4	16,900*	67.5	14,300*	64.1	9,700*	71.4	7,900*	120
125	50.0	19,900	53.3	20,400	55.5	20,300	60.3	18,600*	59.8	16,600*	65.9	13,900*	62.7	9,500*	70.0	7,800*	125
130	47.9	18,800	51.1	19,200	53.7	19,200	58.4	18,200*	58.3	16,200*	64.3	13,500*	61.3	9,200*	68.5	7,600*	130
135	45.6	17,700	48.7	18,000	51.9	18,100	56.5	17,700*	56.7	15,900*	62.6	13,200*	59.9	9,000*	67.1	7,500*	135
140	43.3	16,700	46.3	17,000	50.0	17,100	54.5	17,300*	55.0	15,600*	60.9	12,800*	58.5	8,800*	65.6	7,400*	140
145	40.8	15,800	43.7	16,100	48.0	16,200	52.5	16,900	53.4	15,300*	59.2	12,500*	57.0	8,600*	64.1	7,200*	145
150	38.3	14,900*	41.0	15,200	46.0	15,300	50.3	16,000	51.7	15,000*	57.4	12,300*	55.5	8,400*	62.6	7,100*	150
155	35.5	13,600*			43.9	14,600	48.1	15,200	49.9	14,800*	55.6	12,000*	54.0	8,200*	61.0	7,000*	155
160	32.5	12,400*			41.7	13,800	45.8	14,400	48.1	14,300	53.7	11,700*	52.5	8,000*	59.4	6,900*	160
165					39.3	13,000*	43.3	13,700	46.3	13,600	51.7	11,500*	50.9	7,900*	57.8	6,900*	165
170					36.9	12,100*	40.7	13,000	44.3	13,000	49.7	11,300*	49.3	7,700*	56.1	6,800*	170
175					34.3	11,100*			42.3	12,300	47.6	11,100*	47.6	7,600*	54.3	6,700*	175
180					31.5	10,100*			40.2	11,800	45.3	10,900*	45.9	7,400*	52.5	6,600*	180
185									38.1	11,000*	43.0	10,800*	44.2	7,300*	50.7	6,500*	185
190									35.7	10,200*	40.5	10,600*	42.3	7,100*	48.7	6,500*	190
195									33.3	9,300*			40.4	7,000*	46.7	6,400*	195
200									30.6	8,500*			38.4	6,900*	44.6	6,400*	200
205													36.4	6,800*	42.3	6,400*	205
210													34.1	6,700*			210
215													31.8	6,600*			215
Reeves	2		2		2		1		1		1		1		1		Reeves

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 on page 21.

Fixed Jib Lift Capacity

Full Counterweight: 121,300 lbs Carbody Weight: 23,810

150' Boom

Load Radius (ft)	40 ft Jib				60 ft Jib				80 ft Jib				100 ft Jib				Load Radius (ft)
	Offset Angle (deg.)				Offset Angle (deg.)				Offset Angle (deg.)				Offset Angle (deg.)				
	10		30		10		30		10		30		10		30		
	Boom Angle (deg.)	Rated Load (lbs)	Boom Angle (deg.)	Rated Load (lbs)	Boom Angle (deg.)	Rated Load (lbs)	Boom Angle (deg.)	Rated Load (lbs)	Boom Angle (deg.)	Rated Load (lbs)	Boom Angle (deg.)	Rated Load (lbs)	Boom Angle (deg.)	Rated Load (lbs)	Boom Angle (deg.)	Rated Load (lbs)	
44	79.8	59,000*															44
46	79.1	59,000*															46
48	78.5	59,000*															48
50	77.9	59,000*			79.8	42,300*											50
55	76.4	58,900*			78.4	41,900*											55
60	74.8	55,700	78.5	38,900*	77.0	41,500*			78.9	21,700*			79.8	13,200*			60
65	73.2	49,900	76.9	37,400*	75.6	41,000*			77.6	21,400*			78.7	13,000*			65
70	71.6	45,000	75.3	36,000*	74.2	40,300*	79.3	27,300*	76.3	21,100*			77.5	12,800*			70
75	70.0	40,900	73.6	34,700*	72.8	39,600*	77.8	26,200*	75.0	20,900*			76.3	12,600*			75
80	68.4	37,400	72.0	33,600*	71.3	38,000	76.3	25,200*	73.7	20,600*	79.9	16,600*	75.1	12,400*			80
85	66.8	34,300	70.3	32,500*	69.8	34,900	74.8	24,300*	72.4	20,400*	78.5	16,300*	73.9	12,200*			85
90	65.1	31,700	68.6	31,500*	68.4	32,200	73.3	23,500*	71.0	19,900*	77.2	16,000*	72.7	11,800*	79.9	9,000*	90
95	63.4	29,300	66.9	30,200	66.9	29,800	71.7	22,700*	69.7	19,400*	75.8	15,800*	71.5	11,500*	78.7	8,800*	95
100	61.7	27,200	65.1	28,000	65.4	27,700	70.2	22,000*	68.3	18,900*	74.4	15,500*	70.2	11,100*	77.4	8,700*	100
105	59.9	25,300	63.3	26,100	63.8	25,800	68.6	21,300*	67.0	18,400*	73.0	15,300*	69.0	10,800*	76.1	8,500*	105
110	58.2	23,600	61.5	24,300	62.3	24,100	67.0	20,700*	65.6	18,000*	71.6	15,000*	67.7	10,500*	74.9	8,300*	110
115	56.3	22,100	59.6	22,700	60.7	22,600	65.4	20,100*	64.2	17,600*	70.1	14,800*	66.5	10,200*	73.6	8,200*	115
120	54.5	20,700	57.7	21,300	59.1	21,200	63.7	19,600*	62.7	17,300*	68.6	14,600*	65.2	9,900*	72.2	8,000*	120
125	52.6	19,400	55.7	20,000	57.4	19,900	62.0	19,100*	61.3	16,900*	67.1	14,200*	63.9	9,700*	70.9	7,800*	125
130	50.6	18,300	53.7	18,800	55.8	18,700	60.3	18,600*	59.8	16,600*	65.6	13,800*	62.6	9,500*	69.5	7,700*	130
135	48.6	17,200	51.6	17,600	54.0	17,600	58.5	18,200*	58.3	16,200*	64.1	13,500*	61.3	9,200*	68.2	7,600*	135
140	46.5	16,200	49.4	16,600	52.3	16,600	56.7	17,500	56.8	15,900*	62.5	13,100*	59.9	9,000*	66.8	7,400*	140
145	44.3	15,300	47.2	15,600	50.5	15,700	54.8	16,600	55.3	15,600*	60.9	12,800*	58.5	8,800*	65.4	7,300*	145
150	42.0	14,500	44.8	14,800	48.6	14,900	52.9	15,600	53.7	15,300*	59.2	12,500*	57.2	8,600*	63.9	7,200*	150
155	39.7	13,500*	42.3	13,900	46.7	14,100	50.9	14,800	52.1	14,600	57.6	12,300*	55.7	8,400*	62.5	7,100*	155
160	37.2	12,400*			44.8	13,400	48.8	14,000	50.4	13,900	55.8	12,000*	54.3	8,200*	61.0	7,000*	160
165	34.5	11,300*			42.7	12,600	46.7	13,300	48.7	13,200	54.0	11,800*	52.8	8,000*	59.4	6,900*	165
170	31.6	10,200*			40.6	11,800*	44.4	12,600	47.0	12,500	52.2	11,500*	51.3	7,900*	57.9	6,800*	170
175					38.3	10,900*	42.0	11,900	45.1	11,900	50.3	11,300*	49.8	7,700*	56.3	6,700*	175
180					35.9	10,000*			43.3	11,300	48.3	11,100*	48.2	7,600*	54.6	6,700*	180
185					33.4	9,100*			41.3	10,800*	46.2	11,000*	46.6	7,400*	52.9	6,600*	185
190					30.7	8,200*			39.3	10,000*	44.0	10,700	44.9	7,300*	51.1	6,500*	190
195									37.1	9,200*	41.7	10,100*	43.2	7,200*	49.3	6,500*	195
200									34.9	8,400*			41.4	7,100*	47.4	6,400*	200
205									32.4	7,700*			39.5	7,000*	45.4	6,400*	205
210													37.6	6,900*	43.4	6,400*	210
215													35.6	6,800*	41.1	6,300*	215
220													33.4	6,700*			220
225													31.1	6,000*			225
Reeves	2		2		2		1		1		1		1		1		Reeves

160' Boom

Load Radius (ft)	40 ft Jib				60 ft Jib				80 ft Jib				100 ft Jib				Load Radius (ft)
	Offset Angle (deg.)				Offset Angle (deg.)				Offset Angle (deg.)				Offset Angle (deg.)				
	10		30		10		30		10		30		10		30		
	Boom Angle (deg.)	Rated Load (lbs)	Boom Angle (deg.)	Rated Load (lbs)	Boom Angle (deg.)	Rated Load (lbs)	Boom Angle (deg.)	Rated Load (lbs)	Boom Angle (deg.)	Rated Load (lbs)	Boom Angle (deg.)	Rated Load (lbs)	Boom Angle (deg.)	Rated Load (lbs)	Boom Angle (deg.)	Rated Load (lbs)	
46	79.7	59,000*															46
48	79.1	59,000*															48
50	78.5	59,000*															50
55	77.1	59,000*			79.0	42,000*											55
60	75.6	55,400	79.1	39,500*	77.6	41,600*			79.3	21,800*							60
65	74.1	49,600	77.6	38,000*	76.3	41,200*			78.1	21,500*			79.1	13,000*			65
70	72.6	44,700	76.0	36,600*	74.9	40,600*	79.8	27,700*	76.9	21,200*			78.0	12,800*			70
75	71.1	40,600	74.5	35,400*	73.6	39,900*	78.4	26,600*	75.6	21,000*			76.8	12,600*			75
80	69.5	37,100	72.9	34,200*	72.2	37,700	77.0	25,600*	74.4	20,700*			75.7	12,400*			80
85	68.0	34,100	71.4	33,100*	70.8	34,600	75.5	24,800*	73.1	20,500*	79.1	16,400*	74.5	12,300*			85
90	66.4	31,400	69.8	32,100*	69.4	31,900	74.1	23,900*	71.9	20,200*	77.8	16,200*	73.4	12,000*			90
95	64.8	29,000	68.1	30,000	68.0	29,500	72.7	23,100*	70.6	19,700*	76.4	15,900*	72.2	11,700*	79.2	8,900*	95
100	63.2	26,900	66.5	27,800	66.6	27,400	71.2	22,400*	69.3	19,200*	75.1	15,600*	71.0	11,300*	77.9	8,700*	100
105	61.6	25,000	64.8	25,800	65.1	25,500	69.7	21,800*	68.0	18,800*	73.8	15,400*	69.8	11,000*	76.7	8,500*	105
110	59.9	23,300	63.1	24,000	63.7	23,800	68.2	21,100*	66.7	18,400*	72.4	15,200*	68.7	10,700*	75.5	8,400*	110
115	58.3	21,800	61.4	22,500	62.2	22,300	66.7	20,500*	65.3	17,900*	71.1	14,900*	67.4	10,400*	74.3	8,200*	115
120	56.5	20,400	59.6	21,000	60.7	20,900	65.1	20,000*	64.0	17,600*	69.7	14,700*	66.2	10,100*	73.0	8,100*	120
125	54.8	19,100	57.8	19,700	59.1	19,600	63.5	19,500*	62.6	17,200*	68.3	14,500*	65.0	9,900*	71.7	7,900*	125
130	53.0	17,900	56.0	18,500	57.6	18,400	61.9	19,000*	61.2	16,900*	66.8	14,100*	63.7	9,700*	70.5	7,800*	130
135	51.1	16,900	54.1	17,400	56.0	17,300	60.3	18,400	59.8	16,500*	65.4	13,800*	62.5	9,400*	69.2	7,600*	135
140	49.2	15,900	52.1	16,300	54.3	16,300	58.6	17,300	58.4	16,200*	63.9	13,400*	61.2	9,200*	67.8	7,500*	140
145	47.2	15,000	50.1	15,400	52.7	15,400	56.9	16,300	57.0	15,900*	62.4	13,100*	59.9	9,000*	66.5	7,400*	145
150	45.2	14,100	48.0	14,500	51.0	14,500	55.1	15,400	55.5	15,100	60.8	12,800*	58.6	8,800*	65.1	7,300*	150
155	43.1	13,400	45.8	13,700	49.2	13,800	53.3	14,600	54.0	14,300	59.3	12,500*	57.3	8,600*	63.8	7,200*	155
160	40.9	12,400*	43.5	12,900	47.4	13,000	51.4	13,800	52.4	13,600	57.7	12,300*	55.9	8,400*	62.4	7,100*	160
165	38.6	11,400*	41.1	12,000*	45.6	12,300	49.5	13,000	50.9	12,900	56.0	12,000*	54.5	8,200*	60.9	7,000*	165
170	36.2	10,400*			43.6	11,600*	47.5	12,300	49.2	12,200	54.3	11,800*	53.1	8,100*	59.5	6,900*	170
175	33.6	9,400*			41.6	10,800*	45.4	11,700	47.6	11,600	52.6	11,600*	51.7	7,900*	58.0	6,800*	175
180	30.7	8,500*			39.6	9,900*	43.1	11,000	45.9	11,000	50.8	11,400*	50.2	7,800*	56.4	6,700*	180
185					37.4	9,100*	40.8	10,300*	44.1	10,400	48.9	11,000	48.7	7,600*	54.9	6,700*	185
190					35.0	8,300*			42.3	9,800*	47.0	10,400	47.2	7,500*	53.2	6,600*	190
195					32.6	7,500*			40.4	9,100*	45.0	9,900	45.6	7,400*	51.6	6,500*	195
200									38.4	8,400*	42.8	9,300*	44.0	7,200*	49.9	6,500*	200
205									36.3	7,700*	40.6	8,500*	42.3	7,100*	48.1	6,400*	205
210									34.1	7,000*			40.5	7,000*	46.2	6,400*	210
215									31.7	6,300*			38.7	6,900*	44.3	6,400*	215
220													36.8	6,600*	42.2	6,300*	220
225													34.8	6,000*	40.1	6,300*	225
230													32.7	5,400*			230
235													30.4	4,800*			235
Reeves	2		2		2		1		1		1		1		1		Reeves

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 on page 21.

Fixed Jib Lift Capacity

Full Counterweight: 121,300 lbs   Carbody Weight: 23,810

170' Boom

Load Radius (ft)	40 ft Jib				60 ft Jib				80 ft Jib				100 ft Jib				Load Radius (ft)
	Offset Angle (deg.)				Offset Angle (deg.)				Offset Angle (deg.)				Offset Angle (deg.)				
	10		30		10		30		10		30		10		30		
	Boom Angle (deg.)	Rated Load (lbs)	Boom Angle (deg.)	Rated Load (lbs)	Boom Angle (deg.)	Rated Load (lbs)	Boom Angle (deg.)	Rated Load (lbs)	Boom Angle (deg.)	Rated Load (lbs)	Boom Angle (deg.)	Rated Load (lbs)	Boom Angle (deg.)	Rated Load (lbs)	Boom Angle (deg.)	Rated Load (lbs)	
48	79.6	59,000*															48
50	79.1	59,000*															50
55	77.7	59,000*			79.5	42,100*											55
60	76.3	55,100	79.6	40,000*	78.2	41,700*			79.8	21,800*							60
65	74.9	49,300	78.2	38,600*	76.9	41,400*			78.6	21,600*			79.5	13,100*			65
70	73.4	44,400	76.7	37,200*	75.6	40,900*			77.4	21,300*			78.4	12,900*			70
75	72.0	40,300	75.3	36,000*	74.3	40,200*	78.9	27,000*	76.2	21,100*			77.3	12,700*			75
80	70.6	36,800	73.8	34,800*	73.0	37,400	77.6	26,000*	75.0	20,800*			76.2	12,500*			80
85	69.1	33,700	72.3	33,700*	71.7	34,300	76.2	25,100*	73.8	20,600*	79.5	16,500*	75.1	12,300*			85
90	67.6	31,000	70.8	32,100	70.4	31,600	74.9	24,300*	72.6	20,400*	78.3	16,200*	74.0	12,200*			90
95	66.1	28,700	69.3	29,700	69.0	29,200	73.5	23,500*	71.4	20,000*	77.0	16,000*	72.9	11,900*	79.6	8,900*	95
100	64.6	26,500	67.7	27,500	67.7	27,100	72.1	22,800*	70.2	19,500*	75.8	15,700*	71.8	11,500*	78.4	8,800*	100
105	63.1	24,700	66.2	25,500	66.3	25,200	70.7	22,200*	68.9	19,100*	74.5	15,500*	70.6	11,200*	77.3	8,600*	105
110	61.5	23,000	64.6	23,800	64.9	23,500	69.3	21,600*	67.7	18,600*	73.2	15,300*	69.5	10,900*	76.1	8,400*	110
115	59.9	21,400	63.0	22,200	63.5	21,900	67.8	21,000*	66.4	18,200*	71.9	15,100*	68.3	10,600*	74.9	8,300*	115
120	58.3	20,000	61.3	20,700	62.1	20,500	66.4	20,400*	65.1	17,900*	70.6	14,900*	67.2	10,300*	73.7	8,100*	120
125	56.7	18,800	59.6	19,400	60.6	19,200	64.9	19,900*	63.8	17,500*	69.3	14,700*	66.0	10,100*	72.5	8,000*	125
130	55.0	17,600	57.9	18,200	59.2	18,000	63.4	19,200	62.5	17,200*	67.9	14,400*	64.8	9,800*	71.3	7,800*	130
135	53.3	16,500	56.2	17,000	57.7	17,000	61.8	18,100	61.2	16,800*	66.5	14,000*	63.6	9,600*	70.0	7,700*	135
140	51.6	15,500	54.4	16,000	56.1	16,000	60.3	17,000	59.9	16,500*	65.1	13,700*	62.4	9,400*	68.8	7,600*	140
145	49.8	14,600	52.5	15,100	54.6	15,000	58.7	16,000	58.5	15,700	63.7	13,400*	61.2	9,200*	67.5	7,500*	145
150	47.9	13,800	50.6	14,200	53.0	14,200	57.0	15,100	57.1	14,800	62.3	13,100*	59.9	9,000*	66.2	7,400*	150
155	46.0	13,000	48.7	13,300	51.4	13,400	55.4	14,300	55.7	14,000	60.8	12,800*	58.7	8,800*	64.9	7,300*	155
160	44.0	12,200*	46.6	12,600	49.7	12,600	53.6	13,500	54.2	13,200	59.3	12,500*	57.4	8,600*	63.6	7,200*	160
165	42.0	11,200*	44.5	11,800*	48.0	11,900	51.9	12,700	52.8	12,500	57.8	12,300*	56.1	8,400*	62.3	7,100*	165
170	39.8	10,300*	42.3	10,900*	46.3	11,300*	50.0	12,000	51.3	11,900	56.2	12,000*	54.7	8,200*	60.9	7,000*	170
175	37.6	9,400*			44.5	10,500*	48.1	11,400	49.7	11,200	54.6	11,800*	53.4	8,100*	59.5	6,900*	175
180	35.2	8,500*			42.6	9,700*	46.2	10,800	48.1	10,700	53.0	11,300	52.0	7,900*	58.1	6,800*	180
185	32.7	7,700*			40.6	8,900*	44.1	10,200	46.5	10,100	51.3	10,700	50.6	7,800*	56.6	6,700*	185
190	30.0	6,800*			38.6	8,200*	42.0	9,300*	44.8	9,500*	49.5	10,200	49.2	7,600*	55.1	6,700*	190
195					36.5	7,500*			43.1	8,800*	47.7	9,600	47.7	7,500*	53.6	6,600*	195
200					34.2	6,800*			41.3	8,200*	45.8	9,100*	46.2	7,400*	52.0	6,500*	200
205					31.8	6,000*			39.5	7,500*	43.8	8,400*	44.7	7,300*	50.3	6,500*	205
210									37.5	6,900*	41.7	7,700*	43.1	7,200*	48.7	6,400*	210
215									35.5	6,200*			41.4	6,900*	46.9	6,400*	215
220									33.3	5,600*			39.7	6,400*	45.1	6,400*	220
225									31.0	4,900*			37.9	5,800*	43.2	6,300*	225
230													36.0	5,300*	41.2	6,300*	230
235													34.1	4,700*			235
240													32.0	4,200*			240
Reeves	2		2		2		1		1		1		1		1		Reeves

180' Boom

Load Radius (ft)	40 ft Jib				60 ft Jib				80 ft Jib				100 ft Jib				Load Radius (ft)
	Offset Angle (deg.)				Offset Angle (deg.)				Offset Angle (deg.)				Offset Angle (deg.)				
	10		30		10		30		10		30		10		30		
	Boom Angle (deg.)	Rated Load (lbs)	Boom Angle (deg.)	Rated Load (lbs)	Boom Angle (deg.)	Rated Load (lbs)	Boom Angle (deg.)	Rated Load (lbs)	Boom Angle (deg.)	Rated Load (lbs)	Boom Angle (deg.)	Rated Load (lbs)	Boom Angle (deg.)	Rated Load (lbs)	Boom Angle (deg.)	Rated Load (lbs)	
50	79.6	59,000*															50
55	78.3	59,000*			79.9	42,300*											55
60	76.9	54,700			78.7	41,900*											60
65	75.6	48,800	78.8	39,100*	77.5	41,500*			79.1	21,600*			79.9	13,200*			65
70	74.2	44,000	77.4	37,700*	76.2	41,200*			77.9	21,400*			78.8	13,000*			70
75	72.9	39,900	76.0	36,500*	75.0	40,500*	79.4	27,400*	76.8	21,200*			77.8	12,800*			75
80	71.5	36,300	74.6	35,400*	73.7	37,000	78.1	26,400*	75.6	20,900*			76.7	12,600*			80
85	70.1	33,300	73.2	34,300*	72.5	33,900	76.8	25,500*	74.5	20,700*	80.0	16,600*	75.7	12,400*			85
90	68.7	30,600	71.8	31,800	71.2	31,200	75.5	24,700*	73.3	20,500*	78.8	16,300*	74.6	12,200*			90
95	67.3	28,200	70.3	29,300	69.9	28,800	74.2	23,900*	72.2	20,300*	77.6	16,100*	73.5	12,000*	80.0	9,000*	95
100	65.9	26,100	68.9	27,100	68.6	26,600	72.9	23,200*	71.0	19,800*	76.4	15,800*	72.4	11,700*	78.9	8,800*	100
105	64.4	24,200	67.4	25,100	67.3	24,800	71.6	22,600*	69.8	19,400*	75.2	15,600*	71.4	11,400*	77.8	8,700*	105
110	62.9	22,500	65.9	23,400	66.0	23,000	70.2	22,000*	68.6	18,900*	73.9	15,400*	70.3	11,100*	76.6	8,500*	110
115	61.5	21,000	64.4	21,800	64.7	21,500	68.9	21,400*	67.4	18,500*	72.7	15,200*	69.2	10,800*	75.5	8,300*	115
120	59.9	19,600	62.8	20,300	63.3	20,100	67.5	20,800*	66.2	18,200*	71.4	15,000*	68.0	10,500*	74.4	8,200*	120
125	58.4	18,300	61.3	19,000	62.0	18,800	66.1	20,100	64.9	17,800*	70.2	14,800*	66.9	10,300*	73.2	8,000*	125
130	56.8	17,100	59.7	17,800	60.6	17,600	64.7	18,900	63.7	17,500*	68.9	14,600*	65.8	10,000*	72.0	7,900*	130
135	55.3	16,000	58.0	16,600	59.2	16,500	63.2	17,700	62.4	17,100*	67.6	14,300*	64.6	9,800*	70.9	7,800*	135
140	53.6	15,100	56.4	15,600	57.8	15,500	61.7	16,700	61.1	16,200	66.3	13,900*	63.5	9,600*	69.7	7,700*	140
145	52.0	14,100	54.7	14,600	56.3	14,600	60.2	15,700	59.9	15,200	64.9	13,600*	62.3	9,300*	68.5	7,600*	145
150	50.3	13,300	52.9	13,800	54.8	13,700	58.7	14,800	58.5	14,400	63.6	13,300*	61.1	9,100*	67.2	7,400*	150
155	48.5	12,500	51.1	12,900	53.3	12,900	57.2	13,900	57.2	13,600	62.2	13,000*	59.9	8,900*	66.0	7,300*	155
160	46.7	11,600*	49.3	12,100	51.8	12,200	55.6	13,100	55.8	12,800	60.8	12,800*	58.7	8,800*	64.7	7,200*	160
165	44.9	10,800*	47.3	11,300*	50.2	11,500	53.9	12,300	54.5	12,100	59.3	12,500*	57.5	8,600*	63.5	7,100*	165
170	42.9	9,900*	45.3	10,500*	48.6	10,700*	52.3	11,700	53.1	11,400	57.9	12,300	56.2	8,400*	62.2	7,000*	170
175	40.9	9,100*	43.3	9,600*	46.9	9,900*	50.5	11,000	51.6	10,800	56.4	11,600	54.9	8,300*	60.8	7,000*	175
180	38.9	8,200*	41.1	8,800*	45.2	9,200*	48.7	10,400	50.1	10,200	54.9	11,000	53.6	8,100*	59.5	6,900*	180
185	36.7	7,400*			43.4	8,500*	46.9	9,700*	48.6	9,700	53.3	10,400	52.3	8,000*	58.1	6,800*	185
190	34.4	6,700*			41.6	7,800*	45.0	9,000*	47.1	9,000*	51.7	9,800	51.0	7,800*	56.7	6,700*	190
195	31.9	5,900*			39.7	7,100*	43.0	8,200*	45.5	8,300*	50.0	9,300	49.6	7,700*	55.3	6,700*	195
200					37.7	6,400*	40.9	7,500*	43.9	7,700*	48.3	8,600*	48.2	7,500*	53.8	6,600*	200
205					35.6	5,800*			42.2	7,100*	46.5	8,000*	46.8	7,400*	52.3	6,500*	205
210					33.4	5,100*			40.4	6,500*	44.6	7,400*	45.3	7,000*	50.8	6,500*	210
215					31.1	4,500*			38.6	5,900*	42.7	6,700*	43.8	6,500*	49.2	6,500*	215
220									36.7	5,300*	40.6	6,100*	42.2	5,900*	47.5	6,400*	220
225									34.7	4,700*			40.6	5,400*	45.8	6,400*	225
230									32.6	4,100*			38.9	4,900*	44.0	5,900*	230
235													37.2	4,400*	42.1	5,400*	235
240															40.2	4,800*	240
Reeves	2		2		2		1		1		1		1		1		Reeves

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 on page 21.

Fixed Jib Lift Capacity

Full Counterweight: 121,300 lbs   Carbody Weight: 23,810

190' Boom

Load Radius (ft)	40 ft Jib				60 ft Jib				80 ft Jib				100 ft Jib				Load Radius (ft)
	Offset Angle (deg.)				Offset Angle (deg.)				Offset Angle (deg.)				Offset Angle (deg.)				
	10		30		10		30		10		30		10		30		
	Boom Angle (deg.)	Rated Load (lbs)	Boom Angle (deg.)	Rated Load (lbs)	Boom Angle (deg.)	Rated Load (lbs)	Boom Angle (deg.)	Rated Load (lbs)	Boom Angle (deg.)	Rated Load (lbs)	Boom Angle (deg.)	Rated Load (lbs)	Boom Angle (deg.)	Rated Load (lbs)	Boom Angle (deg.)	Rated Load (lbs)	
50	80.0	53,100*															50
55	78.8	52,400*															55
60	77.5	51,600*			79.1	42,000*											60
65	76.2	48,300*	79.3	39,600*	78.0	41,600*			79.5	21,700*							65
70	74.9	43,600	78.0	38,200*	76.8	41,300*			78.4	21,500*			79.2	13,000*			70
75	73.6	39,500	76.6	37,000*	75.6	40,000*	79.9	27,700*	77.3	21,200*			78.2	12,800*			75
80	72.3	36,000	75.3	35,900*	74.4	36,600	78.6	26,800*	76.2	21,000*			77.2	12,600*			80
85	71.0	32,900	74.0	34,300	73.2	33,500	77.4	25,900*	75.1	20,800*			76.2	12,500*			85
90	69.7	30,200	72.6	31,500	72.0	30,800	76.2	25,100*	74.0	20,600*	79.2	16,400*	75.2	12,300*			90
95	68.3	27,800	71.2	29,000	70.8	28,400	74.9	24,300*	72.8	20,400*	78.1	16,200*	74.1	12,100*			95
100	67.0	25,700	69.9	26,800	69.5	26,300	73.7	23,600*	71.7	20,100*	76.9	15,900*	73.1	11,900*	79.3	8,900*	100
105	65.6	23,800	68.5	24,800	68.3	24,400	72.4	22,900*	70.6	19,600*	75.8	15,700*	72.0	11,600*	78.2	8,700*	105
110	64.2	22,100	67.1	23,100	67.1	22,700	71.1	22,300*	69.4	19,200*	74.6	15,500*	71.0	11,300*	77.1	8,500*	110
115	62.8	20,600	65.6	21,400	65.8	21,100	69.8	21,700*	68.3	18,800*	73.4	15,300*	69.9	11,000*	76.1	8,400*	115
120	61.4	19,200	64.2	20,000	64.5	19,700	68.5	21,200*	67.1	18,400*	72.2	15,100*	68.8	10,700*	75.0	8,200*	120
125	59.9	17,900	62.7	18,600	63.2	18,400	67.2	19,900	65.9	18,100*	71.0	14,900*	67.8	10,400*	73.8	8,100*	125
130	58.5	16,700	61.2	17,400	61.9	17,200	65.8	18,600	64.8	17,700*	69.8	14,700*	66.7	10,200*	72.7	8,000*	130
135	57.0	15,700	59.7	16,300	60.6	16,100	64.5	17,400	63.6	16,900	68.5	14,500*	65.6	10,000*	71.6	7,800*	135
140	55.5	14,700	58.1	15,200	59.2	15,100	63.1	16,400	62.3	15,800	67.3	14,200*	64.5	9,700*	70.5	7,700*	140
145	53.9	13,800	56.5	14,300	57.9	14,200	61.7	15,400	61.1	14,900	66.0	13,800*	63.4	9,500*	69.3	7,600*	145
150	52.3	12,900	54.9	13,400	56.5	13,300	60.2	14,500	59.9	14,000	64.7	13,600*	62.2	9,300*	68.1	7,500*	150
155	50.7	12,100*	53.3	12,600	55.0	12,500	58.8	13,600	58.6	13,200	63.4	13,300*	61.1	9,100*	67.0	7,400*	155
160	49.1	11,200*	51.6	11,800	53.6	11,800	57.3	12,800	57.3	12,500	62.1	13,000*	59.9	8,900*	65.8	7,300*	160
165	47.4	10,300*	49.8	10,900*	52.1	11,000*	55.8	12,000	56.0	11,700	60.7	12,700	58.7	8,700*	64.6	7,200*	165
170	45.6	9,500*	48.0	10,100*	50.6	10,200*	54.2	11,300	54.7	11,100	59.4	12,000	57.6	8,600*	63.3	7,100*	170
175	43.8	8,700*	46.1	9,300*	49.1	9,500*	52.6	10,700	53.3	10,400	58.0	11,300	56.4	8,400*	62.1	7,000*	175
180	41.9	8,000*	44.2	8,500*	47.5	8,800*	51.0	10,000	52.0	9,800	56.5	10,700	55.1	8,300*	60.8	6,900*	180
185	40.0	7,200*	42.2	7,700*	45.9	8,100*	49.3	9,400	50.6	9,200*	55.1	10,100	53.9	8,100*	59.5	6,900*	185
190	37.9	6,500*	40.0	7,000*	44.2	7,400*	47.6	8,700*	49.1	8,500*	53.6	9,500	52.6	8,000*	58.2	6,800*	190
195	35.8	5,700*			42.5	6,800*	45.7	8,000*	47.6	7,900*	52.0	8,900	51.3	7,800*	56.9	6,700*	195
200	33.6	5,000*			40.7	6,100*	43.9	7,300*	46.1	7,300*	50.5	8,300*	50.0	7,700*	55.5	6,700*	200
205	31.1	4,300*			38.8	5,500*	41.9	6,600*	44.6	6,700*	48.8	7,600*	48.7	7,100*	54.1	6,600*	205
210					36.9	4,900*			43.0	6,100*	47.1	7,000*	47.3	6,600*	52.7	6,500*	210
215					34.9	4,300*			41.3	5,600*	45.4	6,400*	45.9	6,100*	51.2	6,500*	215
220									39.6	5,000*	43.6	5,900*	44.4	5,500*	49.7	6,500*	220
225									37.8	4,500*	41.7	5,300*	42.9	5,000*	48.1	6,100*	225
230													41.4	4,600*	46.5	5,600*	230
235													39.8	4,100*	44.8	5,100*	235
240															43.0	4,600*	240
245															41.2	4,100*	245
Reeves	2		2		2		1		1		1		1		1		Reeves

200' Boom

Load Radius (ft)	40 ft Jib				60 ft Jib				80 ft Jib				100 ft Jib				Load Radius (ft)
	Offset Angle (deg.)				Offset Angle (deg.)				Offset Angle (deg.)				Offset Angle (deg.)				
	10		30		10		30		10		30		10		30		
	Boom Angle (deg.)	Rated Load (lbs)	Boom Angle (deg.)	Rated Load (lbs)	Boom Angle (deg.)	Rated Load (lbs)	Boom Angle (deg.)	Rated Load (lbs)	Boom Angle (deg.)	Rated Load (lbs)	Boom Angle (deg.)	Rated Load (lbs)	Boom Angle (deg.)	Rated Load (lbs)	Boom Angle (deg.)	Rated Load (lbs)	
55	79.2	46,200*															55
60	78.0	45,500*			79.6	42,100*											60
65	76.8	44,700*	79.7	40,000*	78.4	41,700*			79.8	21,800*							65
70	75.6	42,900*	78.5	38,700*	77.3	41,400*			78.8	21,600*			79.6	13,100*			70
75	74.3	39,100*	77.2	37,500*	76.2	39,200*			77.7	21,300*			78.6	12,900*			75
80	73.1	35,700	76.0	36,400*	75.0	35,900*	79.1	27,100*	76.7	21,100*			77.6	12,700*			80
85	71.8	32,600	74.7	33,800*	73.9	33,000*	77.9	26,200*	75.6	20,900*			76.7	12,500*			85
90	70.6	30,000	73.4	31,100*	72.7	30,400*	76.7	25,400*	74.6	20,700*	79.6	16,500*	75.7	12,400*			90
95	69.3	27,600	72.1	28,800	71.6	28,100*	75.5	24,700*	73.5	20,500*	78.5	16,200*	74.7	12,200*			95
100	68.0	25,500	70.8	26,600	70.4	26,000	74.3	24,000*	72.4	20,300*	77.4	16,000*	73.7	12,100*	79.7	8,900*	100
105	66.7	23,600	69.5	24,600	69.2	24,100	73.1	23,300*	71.3	19,900*	76.3	15,800*	72.7	11,700*	78.6	8,700*	105
110	65.4	21,800	68.1	22,800	68.0	22,400	71.9	22,700*	70.2	19,500*	75.2	15,600*	71.6	11,400*	77.6	8,600*	110
115	64.0	20,300	66.8	21,200	66.8	20,800	70.7	22,100*	69.1	19,100*	74.0	15,400*	70.6	11,100*	76.6	8,400*	115
120	62.7	18,900	65.4	19,700	65.6	19,400	69.4	21,000	68.0	18,700*	72.9	15,200*	69.6	10,900*	75.5	8,300*	120
125	61.3	17,600	64.0	18,400	64.3	18,100	68.2	19,600	66.9	18,300*	71.7	15,000*	68.6	10,600*	74.4	8,200*	125
130	60.0	16,400	62.6	17,200	63.1	16,900	66.9	18,400	65.7	17,700	70.6	14,800*	67.5	10,400*	73.4	8,000*	130
135	58.5	15,400	61.1	16,000	61.8	15,800	65.6	17,200	64.6	16,600	69.4	14,600*	66.5	10,100*	72.3	7,900*	135
140	57.1	14,400	59.7	15,000	60.5	14,800	64.3	16,100	63.4	15,600	68.2	14,400*	65.4	9,900*	71.2	7,800*	140
145	55.7	13,400	58.2	14,000	59.3	13,900	63.0	15,100	62.3	14,600	67.0	14,100*	64.3	9,700*	70.1	7,700*	145
150	54.2	12,500*	56.7	13,100	57.9	13,000*	61.6	14,200	61.1	13,800	65.8	13,800*	63.2	9,500*	69.0	7,600*	150
155	52.7	11,600*	55.2	12,300*	56.6	12,100*	60.2	13,400	59.9	12,900	64.5	13,500*	62.2	9,300*	67.9	7,500*	155
160	51.1	10,800*	53.6	11,400*	55.2	11,300*	58.8	12,600	58.6	12,200	63.3	13,200*	61.0	9,100*	66.7	7,400*	160
165	49.6	9,900*	52.0	10,600*	53.9	10,500*	57.4	11,800	57.4	11,500	62.0	12,500	59.9	8,900*	65.6	7,300*	165
170	48.0	9,100*	50.3	9,700*	52.5	9,800*	56.0	11,100	56.2	10,800	60.7	11,700	58.8	8,700*	64.4	7,200*	170
175	46.3	8,400*	48.6	9,000*	51.0	9,100*	54.5	10,400	54.9	10,100	59.4	11,100	57.6	8,600*	63.2	7,100*	175
180	44.6	7,700*	46.8	8,200*	49.6	8,400*	53.0	9,700	53.6	9,400*	58.1	10,400	56.5	8,400*	62.0	7,000*	180
185	42.8	6,900*	45.0	7,500*	48.1	7,700*	51.4	9,000*	52.3	8,800*	56.7	9,800	55.3	8,300*	60.8	6,900*	185
190	41.0	6,300*	43.1	6,800*	46.5	7,000*	49.8	8,300*	50.9	8,100*	55.3	9,200	54.1	8,100*	59.5	6,900*	190
195	39.1	5,600*	41.1	6,100*	44.9	6,400*	48.1	7,700*	49.5	7,500*	53.9	8,500*	52.9	7,800*	58.3	6,800*	195
200	37.1	4,900*			43.3	5,800*	46.4	7,000*	48.1	6,900*	52.4	7,900*	51.6	7,200*	57.0	6,700*	200
205	35.0	4,200*			41.6	5,200*	44.7	6,400*	46.7	6,400*	50.9	7,300*	50.4	6,700*	55.7	6,700*	205
210					39.9	4,700*	42.8	5,700*	45.2	5,800*	49.3	6,700*	49.1	6,200*	54.3	6,600*	210
215					38.0	4,100*	40.9	5,100*	43.7	5,300*	47.7	6,200*	47.8	5,700*	53.0	6,500*	215
220									42.1	4,700*	46.1	5,600*	46.4	5,200*	51.5	6,300*	220
225									40.5	4,200*	44.4	5,100*	45.0	4,700*	50.1	5,800*	225
230											42.6	4,500*	43.6	4,200*	48.6	5,300*	230
235											40.7	4,000*			47.1	4,800*	235
240															45.5	4,300*	240
Reeves	2		2		2		1		1		1		1		1		Reeves

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 on page 21.