STERLING CRANE

LIFTING CHARTS - Crawler Cranes

KOBELCO MODEL CK2750G - 275 TON CAPACITY

Luffing Jib Lift Capacities

Full Counterweights (200,900 lbs) - Carbody weights (60,400 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*																						
36.0	167,200*																						
38.0	162,400*											39.3	154,300*										
40.0	157,600*											40.0	153,100*										
42.0	152,800*											42.0	149,500*										
44.0	148,100*	45.9	144,800*									44.0	145,900*										
46.0	143,300*	46.0	144,600*									46.0	142,200*										
48.0	138,500*	48.0	139,900*									48.0	138,200*										
50.0	133,800*	50.0	135,200*									50.0	134,200*	52.4	129,100*								
55.0	121,800*	55.0	125,600*	59.0	117,900							55.0	124,000*	55.0	125,300*	59.0	117,700						
60.0	109,900*	60.0	117,300	60.0	115,700							60.0	113,800*	60.0	117,000	60.0	115,500						
65.0	98,000*	65.0	106,300	65.0	104,300							65.0	103,700*	65.0	106,200	65.0	104,100						
70.0	86,100*	70.0	96,800	70.0	95,100	72.1	89,500					70.0	94,500*	70.0	96,800	70.0	94,700	72.1	89,200				
75.0	72,500*	75.0	88,700	75.0	87,100	75.0	85,400	78.7	78,400			75.0	84,000*	75.0	88,700	75.0	86,700	75.0	85,300				
78.7	61,500*	78.7	83,300	80.0	80,200	80.0	78,500	80.0	77,000			80.0	72,600*	80.0	81,800	80.0	79,800	80.0	78,500				
				85.0	74,200	85.0	72,800	85.0	71,300			85.0	61,700*	85.0	75,700	85.0	73,900	85.0	72,600	85.3	70,700		
				85.3	73,800	90.0	67,900	90.0	66,500	91.8	63,400	85.3	61,000*	90.0	67,300	90.0	69,000	90.0	67,700	90.0	66,100		
						91.8	66,100	95.0	62,200	95.0	61,000			91.8	64,100*	95.0	64,500	95.0	63,300	95.0	61,800	98.4	58,200
								98.4	59,500	100.0	57,300					98.4	61,500	100.0	59,400	100.0	58,000	100.0	57,000
										104.9	53,700							104.9	55,700	110.0	51,600	110.0	50,700
																				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

70' 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	154,300*											39.3	145,700*										
40.0	153,100*											40.0	144,700*										
42.0	149,600*											42.0	141,700*										
44.0	146,000*											44.0	138,700*										
46.0	142,400*											46.0	135,600*										
48.0	138,300*											48.0	132,400*										
50.0	134,200*	52.4	129,100*									50.0	129,200*										
55.0	124,300*	55.0	124,800*									55.0	121,000*	59.0	117,200*								
60.0	114,800*	60.0	116,000									60.0	112,800*	60.0	115,400								
65.0	105,200*	65.0	105,900	65.6	102,200							65.0	104,800*	65.0	105,600								
70.0	95,600*	70.0	96,600	70.0	94,400							70.0	96,300*	70.0	96,300	72.1	90,600						
75.0	87,100*	75.0	88,500	75.0	86,500	78.7	79,500					75.0	88,100*	75.0	88,200	75.0	86,500						
80.0	79,100*	80.0	81,500	80.0	79,600	80.0	78,100					80.0	80,600*	80.0	81,300	80.0	79,600						
85.0	70,400*	85.0	75,500	85.0	73,700	85.0	72,400					85.0	74,200*	85.0	75,300	85.0	73,700	85.3	71,800				
90.0	61,800*	90.0	70,400	90.0	68,600	90.0	67,500	91.8	64,100			90.0	67,500*	90.0	70,200	90.0	68,600	90.0	67,200				
91.8	58,600*	95.0	65,000	95.0	64,100	95.0	63,000	95.0	61,600			95.0	60,600*	95.0	65,600	95.0	64,100	95.0	62,800	98.4	58,600		
		98.4	61,200*	100.0	60,100	100.0	59,000	100.0	57,700	104.9	53,300	100.0	53,600*	100.0	61,400	100.0	60,100	100.0	58,800	100.0	57,500		
				104.9	56,600	110.0	52,500	110.0	51,200	110.0	50,300	104.9	46,700*	110.0	50,900	110.0	53,400	110.0	52,300	110.0	51,200	111.5	49,100
						111.5	51,500	118.1	46,900	120.0	45,100			111.5	48,700*	118.1	48,900	120.0	46,900	120.0	45,800	120.0	44,900
										124.6	42,900							124.6	44,700	130.0	41,500	130.0	40,600
																				131.2	41,000	137.7	37,600
Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6

STERLING CRANE

Luffing Jib Lift Capacities

Full Counterweights (200,900 lbs) - Carbody weights (60,400 lbs)

70' Boom

110 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)
45.9	119,000*										
46.0	118,900*										
48.0	117,500*										
50.0	116,100*										
55.0	112,100*	59.0	115,700*								
60.0	107,600*	60.0	114,000								
65.0	103,000*	65.0	105,300								
70.0	95,800*	70.0	96,300	72.1	90,100						
75.0	88,200*	75.0	88,200	75.0	86,000						
80.0	80,800*	80.0	81,100	80.0	79,200						
85.0	74,400*	85.0	75,300	85.0	73,300						
90.0	69,000*	90.0	70,200	90.0	68,300	91.8	65,200				
95.0	63,700*	95.0	65,600	95.0	63,900	95.0	62,700				
100.0	58,300*	100.0	61,400	100.0	59,900	100.0	58,800	104.9	53,700		
110.0	46,700*	110.0	54,500	110.0	53,100	110.0	52,100	110.0	50,700	118.1	45,600
111.5	44,900*	118.1	47,300*	120.0	47,700	120.0	46,700	120.0	45,600	120.0	44,700
				124.6	45,400	130.0	42,300	130.0	41,200	130.0	40,400
						131.2	41,800	137.7	38,300	140.0	36,700
										144.3	35,200
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

120 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)
45.9	105,100*										
46.0	105,100*										
48.0	104,100*										
50.0	103,200*										
55.0	100,600*										
60.0	97,700*										
65.0	94,700*	65.6	100,000*								
70.0	91,400*	70.0	94,700								
75.0	87,100*	75.0	87,900	78.7	80,600						
80.0	81,600*	80.0	80,900	80.0	79,200						
85.0	75,100*	85.0	75,000	85.0	73,300						
90.0	69,600*	90.0	69,900	90.0	68,300	91.8	65,000				
95.0	64,700*	95.0	65,300	95.0	63,900	95.0	62,400				
100.0	60,100*	100.0	61,200	100.0	59,900	100.0	58,400				
110.0	51,200*	110.0	54,300	110.0	53,100	110.0	51,800	111.5	49,800		
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	36,800*	130.0	40,000*	130.0	43,000	130.0	42,100	130.0	41,000	130.0	40,100
		131.2	38,800*	137.7	40,100	140.0	38,200	140.0	37,300	140.0	36,500
						144.3	36,800	150.0	34,200	150.0	33,300
								150.9	33,900	150.9	33,000
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

70' Boom

130 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)
52.4	87,000*										
55.0	86,400*										
60.0	84,900*										
65.0	83,100*	65.6	85,300*								
70.0	80,900*	70.0	84,400*								
75.0	78,600*	75.0	82,400*								
80.0	76,000*	80.0	79,300								
85.0	73,100*	85.0	74,700	85.3	72,900						
90.0	69,600*	90.0	69,700	90.0	68,200						
95.0	65,300*	95.0	65,200	95.0	63,700	98.4	59,500				
100.0	60,800*	100.0	61,200	100.0	59,700	100.0	58,400				
110.0	53,500*	110.0	54,300	110.0	53,000	110.0	51,800	118.1	46,200		
120.0	45,500*	120.0	48,700	120.0	47,600	120.0	46,500	120.0	45,400		
130.0	37,100*	130.0	44,000	130.0	43,000	130.0	41,900	130.0	40,800	131.2	39,400
131.2	36,100*	137.7	37,900*	140.0	39,100	140.0	38,200	140.0	37,200	140.0	36,300
				144.3	37,600	150.0	34,900	150.0	34,200	150.0	33,300
						150.9	34,600	157.4	31,900	160.0	30,600
										164.0	29,500
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

140 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)
52.4	74,700*										
55.0	74,100*										
60.0	73,000*										
65.0	71,900*										
70.0	70,900*	72.1	71,800*								
75.0	69,600*	75.0	71,300*								
80.0	68,100*	80.0	70,300*								
85.0	66,600*	85.0	69,400*	85.3	70,500*						
90.0	64,300*	90.0	67,300*	90.0	67,500						
95.0	62,000*	95.0	64,400	95.0	63,700						
100.0	59,600*	100.0	61,000	100.0	59,600	104.9	54,600				
110.0	53,500*	110.0	54,100	110.0	52,900	110.0	51,600	118.1	46,000		
120.0	47,200*	120.0	48,600	120.0	47,300	120.0	46,200	120.0	45,100		
130.0	40,500*	130.0	43,900	130.0	42,800	130.0	41,700	130.0	40,800	137.7	37,000
140.0	33,400*	140.0	39,300	140.0	39,000	140.0	38,000	140.0	37,100	140.0	36,200
144.3	30,200*	150.0	32,400*	150.0	35,700	150.0	34,800	150.0	34,000	150.0	33,100
		150.9	31,700*	157.4	33,200*	160.0	32,100	160.0	31,200	160.0	30,400
						164.0	31,000	170.0	29,000	170.0	28,100
								170.6	28,800	170.6	27,900
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

Luffing Jib Lift Capacities

Full Counterweights (200,900 lbs) - Carbody weights (60,400 lbs)

70' Boom

150 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)
52.4	64,800*										
55.0	64,200*										
60.0	63,000*										
65.0	62,000*										
70.0	61,000*	72.1	61,900*								
75.0	60,100*	75.0	61,300*								
80.0	59,300*	80.0	60,400*								
85.0	58,400*	85.0	59,500*								
90.0	57,400*	90.0	58,800*	91.8	59,500*						
95.0	55,800*	95.0	57,900*	95.0	59,100*						
100.0	53,800*	100.0	56,400*	100.0	57,900						
110.0	49,900*	110.0	52,400*	110.0	52,500	111.5	50,400				
120.0	46,400*	120.0	48,200	120.0	47,100	120.0	46,000	124.6	42,700		
130.0	42,200*	130.0	43,700	130.0	42,600	130.0	41,500	130.0	40,400		
140.0	35,900*	140.0	39,700	140.0	38,700	140.0	37,800	140.0	36,700	144.3	34,300
150.0	29,800*	150.0	35,200	150.0	35,500	150.0	34,400	150.0	33,500	150.0	32,800
150.9	29,300*	157.4	30,800*	160.0	32,600	160.0	31,800	160.0	30,900	160.0	30,100
				164.0	31,500	170.0	29,400	170.0	28,500	170.0	27,800
						170.6	29,300	177.1	27,100	180.0	25,800
										183.7	25,100
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

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	53,700*										
60.0	53,600*										
65.0	52,500*										
70.0	51,700*										
75.0	50,800*	78.7	51,300*								
80.0	50,000*	80.0	51,100*								
85.0	49,400*	85.0	50,300*								
90.0	48,500*	90.0	49,600*								
95.0	47,200*	95.0	48,900*	98.4	49,300*						
100.0	45,500*	100.0	47,900*	100.0	49,100*						
110.0	42,100*	110.0	44,300*	110.0	46,600*	111.5	48,500*				
120.0	39,300*	120.0	41,300*	120.0	43,200*	120.0	45,300				
130.0	36,700*	130.0	38,400*	130.0	40,200*	130.0	41,500	131.2	39,900		
140.0	34,300*	140.0	36,000*	140.0	37,600*	140.0	37,700	140.0	36,700		
150.0	31,100*	150.0	33,900*	150.0	35,200	150.0	34,400	150.0	33,500	150.9	32,400
160.0	27,100*	160.0	31,600*	160.0	32,600	160.0	31,700	160.0	30,900	160.0	30,000
164.0	24,600*	170.0	26,500*	170.0	30,100	170.0	29,200	170.0	28,500	170.0	27,600
		170.6	26,200*	177.1	27,500*	180.0	27,200	180.0	26,400	180.0	25,600
						183.7	26,400	183.7	25,700	190.0	23,800
										190.2	23,800
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

70' Boom

170 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	58,600*										
60.0	58,400*										
65.0	57,400*										
70.0	55,600*										
75.0	53,800*	78.7	53,500*								
80.0	52,000*	80.0	53,100*								
85.0	50,100*	85.0	51,200*								
90.0	48,300*	90.0	49,400*								
95.0	46,300*	95.0	47,600*	98.4	47,600*						
100.0	44,300*	100.0	45,900*	100.0	47,000*						
110.0	40,600*	110.0	42,200*	110.0	43,500*	118.1	42,100*				
120.0	37,300*	120.0	38,800*	120.0	40,300*	120.0	41,400*				
130.0	34,100*	130.0	35,600*	130.0	37,000*	130.0	38,200*	137.7	37,000		
140.0	30,800*	140.0	32,400*	140.0	33,900*	140.0	35,200*	140.0	36,200		
150.0	27,800*	150.0	29,300*	150.0	30,900*	150.0	32,400*	150.0	33,100	157.4	30,200
160.0	24,800*	160.0	26,400*	160.0	28,100*	160.0	29,500*	160.0	30,400	160.0	29,500
170.0	21,500*	170.0	23,500*	170.0	25,200*	170.0	26,600*	170.0	27,900	170.0	27,200
170.6	21,300*	177.1	21,300*	180.0	22,200*	180.0	23,900*	180.0	25,400*	180.0	25,200
				183.7	21,100*	190.0	21,200*	190.0	22,700*	190.0	23,400
						190.2	21,100*	196.8	20,900*	200.0	21,400
										203.4	20,500*
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

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)
65.6	51,500*										
70.0	50,500*										
75.0	49,000*										
80.0	47,300*										
85.0	45,500*	85.3	46,900*								
90.0	43,500*	90.0	45,200*								
95.0	41,700*	95.0	43,300*								
100.0	40,000*	100.0	41,500*	104.9	41,200*						
110.0	36,800*	110.0	38,200*	110.0	39,500*						
120.0	33,900*	120.0	35,200*	120.0	36,500*	124.6	36,300*				
130.0	31,400*	130.0	32,600*	130.0	33,800*	130.0	34,900*				
140.0	29,000*	140.0	30,300*	140.0	31,400*	140.0	32,500*	144.3	32,400*		
150.0	27,000*	150.0	28,100*	150.0	29,200*	150.0	30,100*	150.0	31,200*		
160.0	25,100*	160.0	26,100*	160.0	27,200*	160.0	28,100*	160.0	29,000*	164.0	28,400
170.0	22,800*	170.0	24,300*	170.0	25,200*	170.0	26,300*	170.0	27,200*	170.0	27,000
180.0	20,000*	180.0	21,900*	180.0	23,300*	180.0	24,500*	180.0	25,300*	180.0	25,000
183.7	18,900*	190.0	19,000*	190.0	20,800*	190.0	22,300*	190.0	23,600*	190.0	23,100
		190.2	18,900*	196.8	18,900*	200.0	19,800*	200.0	21,300*	200.0	21,600
						203.4	18,900*	203.4	20,500*	209.9	20,000
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

Luffing Jib Lift Capacities

Full Counterweights (200,900 lbs) - Carbody weights (60,400 lbs)

70' 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	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*			160.0	21,200*	160.0	22,000*	160.0	22,800*	160.0	23,400*	160.0	24,200*		
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*	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

Luffing Jib Lift Capacities

Full Counterweights (200,900 lbs) - Carbody weights (60,400 lbs)

80' Boom

70 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)
32.8	168,200*										
34.0	165,600*										
36.0	161,300*										
38.0	157,000*										
40.0	152,700*										
42.0	148,300*										
44.0	143,900*	45.9	144,600*								
46.0	139,600*	46.0	144,400*								
48.0	135,300*	48.0	139,700*								
50.0	131,000*	50.0	135,000*								
55.0	120,100*	55.0	125,300	59.0	117,200						
60.0	109,200*	60.0	117,100	60.0	115,100						
65.0	98,500*	65.0	106,000	65.0	103,700						
70.0	87,600*	70.0	96,600	70.0	94,400	72.1	88,600				
75.0	74,600*	75.0	88,500	75.0	86,500	75.0	84,600				
78.7	63,700*	80.0	80,400	80.0	79,600	80.0	77,800				
		85.0	70,000	85.0	73,700	85.0	72,000	85.3	70,100		
		85.3	69,400*	90.0	68,600	90.0	67,200	90.0	65,600	91.8	62,300
				91.8	66,700	95.0	62,800	95.0	61,400	95.0	59,900
						98.4	59,900	100.0	57,500	100.0	56,200
								104.9	54,000	110.0	49,800
										111.5	48,900
Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6

80 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)
39.3	151,200*										
40.0	150,000*										
42.0	146,400*										
44.0	142,800*										
46.0	139,200*										
48.0	135,500*										
50.0	131,800*	52.4	128,700*								
55.0	122,600*	55.0	124,800								
60.0	113,500*	60.0	116,500								
65.0	104,100*	65.0	105,800	65.6	102,000						
70.0	95,100*	70.0	96,500	70.0	94,200						
75.0	85,100*	75.0	88,500	75.0	86,300	78.7	79,100				
80.0	74,100*	80.0	81,500	80.0	79,400	80.0	77,700				
85.0	63,200*	85.0	75,500	85.0	73,500	85.0	71,900				
85.3	62,600*	90.0	69,800	90.0	68,400	90.0	67,000	91.8	63,400		
		91.8	67,600*	95.0	64,000	95.0	62,700	95.0	60,900	98.4	57,000
				98.4	61,200	100.0	58,800	100.0	57,100	100.0	56,000
						104.9	55,300	110.0	50,700	105.0	49,600
								111.5	49,800	118.1	45,400
Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6

80' Boom

90 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)
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	98.4	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	120.0	44,300
								124.6	43,200	130.0	39,900
										131.2	39,400
Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6

100 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)
39.3	146,100*										
40.0	145,100*										
42.0	141,900*										
44.0	138,600*										
46.0	135,400*										
48.0	132,200*										
50.0	129,000*										
55.0	120,800*	59.0	116,800								
60.0	112,600*	60.0	115,000								
65.0	104,600*	65.0	105,200								
70.0	96,500*	70.0	96,100	72.1	89,900						
75.0	88,500*	75.0	88,000	75.0	85,800						
80.0	81,000*	80.0	81,100	80.0	78,900						
85.0	74,400*	85.0	75,100	85.0	73,100	85.3	70,900				
90.0	68,500*	90.0	69,900	90.0	68,100	90.0	66,400				
95.0	61,900*	95.0	65,300	95.0	63,700	95.0	62,000	98.4	57,700		
100.0	54,800*	100.0	61,200	100.0	59,700	100.0	58,100	100.0	56,700		
104.9	47,800*	110.0	52,700	110.0	53,000	110.0	51,600	110.0	50,300	111.5	48,200
		111.5	51,100*	118.1	48,500	120.0	46,200	120.0	45,100	120.0	43,900
						124.6	44,000	130.0	40,800	130.0	39,700
								131.2	40,300	137.7	37,000
Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6

Luffing Jib Lift Capacities

Full Counterweights (200,900 lbs) - Carbody weights (60,400 lbs)

80' Boom

110 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)
45.9	119,000*										
46.0	119,000*										
48.0	117,600*										
50.0	116,300*										
55.0	112,300*	59.0	115,500*								
60.0	107,800*	60.0	113,800								
65.0	103,400*	65.0	105,100								
70.0	96,600*	70.0	96,100								
75.0	88,900*	75.0	87,900	78.7	80,200						
80.0	81,200*	80.0	80,900	80.0	78,700						
85.0	74,600*	85.0	74,800	85.0	72,800						
90.0	69,200*	90.0	69,900	90.0	67,900	91.8	64,500				
95.0	64,200*	95.0	65,300	95.0	63,500	95.0	62,000				
100.0	59,200*	100.0	61,200	100.0	59,400	100.0	58,100	104.9	52,900		
110.0	47,800*	110.0	54,300	110.0	52,700	110.0	51,600	110.0	50,000	118.1	44,500
111.5	46,000*	120.0	47,000*	120.0	47,300	120.0	46,200	120.0	44,800	120.0	43,700
		124.6	41,400*	130.0	42,800	130.0	41,700	130.0	40,400	130.0	39,500
				131.2	42,300	137.7	38,800	140.0	36,900	140.0	36,000
								144.3	35,400	150.0	32,900
										150.9	32,600
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

120 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)
45.9	105,100*										
46.0	105,100*										
48.0	104,100*										
50.0	103,200*										
55.0	100,700*										
60.0	98,000*										
65.0	95,100*	65.6	100,700*								
70.0	91,800*	70.0	94,800								
75.0	87,500*	75.0	87,700	78.7	80,200						
80.0	82,100*	80.0	80,700	80.0	78,700						
85.0	75,500*	85.0	74,600	85.0	72,800						
90.0	69,900*	90.0	69,700	90.0	67,700						
95.0	64,900*	95.0	65,100	95.0	63,300	98.4	58,800				
100.0	60,400*	100.0	61,000	100.0	59,400	100.0	57,700				
110.0	52,000*	110.0	54,100	110.0	52,700	110.0	51,200	111.5	48,900		
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	37,900*	130.0	41,600	130.0	42,800	130.0	41,500	130.0	40,400	130.0	39,200
		131.2	40,500*	137.7	39,600	140.0	37,800	140.0	36,700	140.0	35,700
						144.3	36,300	150.0	33,700	150.0	32,600
								150.9	33,500	157.4	30,600
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

80' Boom

130 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)
52.4	87,300*										
55.0	86,500*										
60.0	84,900*										
65.0	82,900*	65.6	85,500*								
70.0	81,000*	70.0	84,600*								
75.0	78,700*	75.0	82,800*								
80.0	76,000*	80.0	79,800								
85.0	73,100*	85.0	74,600	85.3	72,300						
90.0	69,900*	90.0	69,500	90.0	67,700						
95.0	65,700*	95.0	65,000	95.0	63,200						
100.0	61,100*	100.0	61,000	100.0	59,200	104.9	54,200				
110.0	53,500*	110.0	54,100	110.0	52,500	110.0	51,200	118.1	45,400		
120.0	46,200*	120.0	48,400	120.0	47,100	120.0	45,800	120.0	44,500		
130.0	38,000*	130.0	43,900	130.0	42,600	130.0	41,500	130.0	40,200	131.2	38,500
131.2	37,000*	137.7	39,400*	140.0	38,800	140.0	37,800	140.0	36,700	140.0	35,600
				150.0	35,500	150.0	34,400	150.0	33,500	150.0	32,600
				150.9	35,200	157.4	32,400	160.0	30,800	160.0	29,900
								164.0	29,700	170.0	27,600
										170.6	27,500
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

140 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)
52.4	74,700*										
55.0	74,100*										
60.0	73,000*										
65.0	71,900*										
70.0	70,900*	72.1	72,000*								
75.0	69,600*	75.0	71,500*								
80.0	68,100*	80.0	70,500*								
85.0	66,600*	85.0	69,700*								
90.0	64,300*	90.0	67,700*	91.8	65,900						
95.0	62,100*	95.0	64,500	95.0	63,200						
100.0	59,800*	100.0	60,800	100.0	59,200	104.9	54,000				
110.0	53,700*	110.0	54,100	110.0	52,500	110.0	50,900				
120.0	47,700*	120.0	48,400	120.0	47,100	120.0	45,800	124.6	42,300		
130.0	41,200*	130.0	43,700	130.0	42,600	130.0	41,300	130.0	40,100	137.7	36,100
140.0	34,000*	140.0	39,800	140.0	38,700	140.0	37,600	140.0	36,500	140.0	35,400
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	33,000*	157.4	33,200	160.0	31,700	160.0	30,700	160.0	29,800
						164.0	30,600	170.0	28,300	170.0	27,400
								170.6	28,200	177.1	26,000
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

Luffing Jib Lift Capacities

Full Counterweights (200,900 lbs) - Carbody weights (60,400 lbs)

80' Boom

150 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)
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
150.9	29,900*	157.4	31,900*	160.0	32,300	160.0	31,300	160.0	30,400	160.0	29,300
				170.0	29,700	170.0	29,000	170.0	28,100	170.0	27,200
				170.6	29,500*	177.1	27,300	180.0	25,900	180.0	25,200
								183.7	25,300	190.0	23,400
										190.2	23,300
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

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	53,700*										
60.0	53,600*										
65.0	52,700*										
70.0	51,800*										
75.0	50,800*	78.7	51,500*								
80.0	50,000*	80.0	51,300*								
85.0	49,400*	85.0	50,500*								
90.0	48,700*	90.0	49,600*								
95.0	47,400*	95.0	48,900*	98.4	49,600*						
100.0	45,700*	100.0	48,000*	100.0	49,300*						
110.0	42,300*	110.0	44,800*	110.0	47,300*	118.1	46,200				
120.0	39,300*	120.0	41,500*	120.0	43,800*	120.0	45,400				
130.0	36,800*	130.0	38,600*	130.0	40,700*	130.0	40,800	137.7	36,800		
140.0	34,300*	140.0	36,200*	140.0	37,900	140.0	37,100	140.0	36,000		
150.0	31,300*	150.0	34,100*	150.0	35,100	150.0	34,000	150.0	33,000	150.9	31,700
160.0	27,700*	160.0	32,000*	160.0	32,300	160.0	31,200	160.0	30,200	160.0	29,300
164.0	25,300*	170.0	27,600*	170.0	29,900	170.0	28,800	170.0	27,900	170.0	27,000
		170.6	27,300*	177.1	28,200	180.0	26,700	180.0	25,800	180.0	25,000
						183.7	26,000	190.0	24,000	190.0	23,400
								190.2	24,000	196.8	22,200
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

80' Boom

170 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	57,700*										
60.0	57,600*										
65.0	56,900*										
70.0	55,200*										
75.0	53,400*										
80.0	51,500*										
85.0	49,700*	85.3	50,700*								
90.0	47,800*	90.0	48,900*								
95.0	46,000*	95.0	47,200*								
100.0	44,100*	100.0	45,400*	104.9	44,700*						
110.0	40,600*	110.0	41,900*	110.0	43,000*						
120.0	37,200*	120.0	38,600*	120.0	39,900*	124.6	39,400*				
130.0	34,100*	130.0	35,400*	130.0	36,700*	130.0	37,800*				
140.0	30,800*	140.0	32,400*	140.0	33,700*	140.0	34,900*	144.3	34,100		
150.0	27,800*	150.0	29,300*	150.0	30,800*	150.0	32,000*	150.0	32,400	157.4	29,300
160.0	24,800*	160.0	26,500*	160.0	27,900*	160.0	29,300*	160.0	29,800	160.0	29,300
170.0	22,000*	170.0	23,700*	170.0	25,200*	170.0	26,600*	170.0	27,400	170.0	26,500
170.6	21,800*	177.1	21,600*	180.0	22,600*	180.0	24,100*	180.0	25,300	180.0	24,500
				183.7	21,600*	190.0	21,400*	190.0	22,900*	190.0	22,700
						196.8	19,600*	200.0	20,300*	200.0	21,100
								203.4	19,400*	209.9	19,100*
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

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)
65.6	50,900*										
70.0	50,000*										
75.0	48,700*										
80.0	47,100*										
85.0	45,300*	85.3	46,700*								
90.0	43,400*	90.0	45,000*								
95.0	41,600*	95.0	43,100*								
100.0	39,800*	100.0	41,300*	104.9	41,200*						
110.0	36,600*	110.0	38,100*	110.0	39,500*						
120.0	33,800*	120.0	35,200*	120.0	36,400*	124.6	36,300*				
130.0	31,300*	130.0	32,500*	130.0	33,700*	130.0	34,900*				
140.0	29,000*	140.0	30,100*	140.0	31,300*	140.0	32,300*	144.3	32,400*		
150.0	27,000*	150.0	28,100*	150.0	29,000*	150.0	30,100*	150.0	31,000*		
160.0	25,100*	160.0	26,200*	160.0	27,200*	160.0	28,100*	160.0	29,000*	164.0	27,700
170.0	23,000*	170.0	24,300*	170.0	25,400*	170.0	26,300*	170.0	27,200	170.0	26,300
180.0	20,400*	180.0	22,000*	180.0	23,500*	180.0	24,500*	180.0	25,200	180.0	24,300
183.7	19,400*	190.0	19,400*	190.0	21,000*	190.0	22,300*	190.0	23,400	190.0	22,500
		190.2	19,400*	196.8	19,400*	200.0	19,900*	200.0	21,300*	200.0	20,900
						203.4	19,100*	209.9	18,900*	210.0	19,600
										216.5	18,700
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

Luffing Jib Lift Capacities

Full Counterweights (200,900 lbs) - Carbody weights (60,400 lbs)

80' Boom

190 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)
65.6	45,600*										
70.0	45,000*										
75.0	43,800*										
80.0	42,300*										
85.0	40,600*										
90.0	39,100*	91.8	39,900*								
95.0	37,500*	95.0	38,900*								
100.0	35,900*	100.0	37,400*								
110.0	33,200*	110.0	34,500*	111.5	35,200*						
120.0	30,800*	120.0	31,900*	120.0	33,000*						
130.0	28,600*	130.0	29,600*	130.0	30,700*	131.2	31,300*				
140.0	26,600*	140.0	27,500*	140.0	28,600*	140.0	29,500*				
150.0	24,800*	150.0	25,700*	150.0	26,600*	150.0	27,500*	150.9	28,200*		
160.0	23,200*	160.0	24,000*	160.0	24,900*	160.0	25,800*	160.0	26,400*		
170.0	21,700*	170.0	22,500*	170.0	23,200*	170.0	24,100*	170.0	24,700*	170.6	25,300*
180.0	20,300*	180.0	21,100*	180.0	21,800*	180.0	22,500*	180.0	23,300*	180.0	23,900
190.0	18,300*	190.0	19,600*	190.0	20,500*	190.0	21,200*	190.0	21,800*	190.0	22,300
190.2	18,200*	196.8	18,200*	200.0	18,800*	200.0	19,800*	200.0	20,500*	200.0	20,700
				203.4	18,000*	209.9	18,000*	210.0	19,100*	210.0	19,100
								216.5	17,800*	220.0	18,000
										223.0	17,600
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

200 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)
65.6	40,500*										
70.0	40,400*										
75.0	39,500*										
80.0	38,100*										
85.0	36,600*										
90.0	35,300*	91.8	36,100*								
95.0	33,800*	95.0	35,200*								
100.0	32,400*	100.0	33,700*								
110.0	30,100*	110.0	31,200*	118.1	30,400*						
120.0	28,000*	120.0	28,900*	120.0	29,900*						
130.0	26,000*	130.0	26,900*	130.0	27,800*	137.7	27,100*				
140.0	24,300*	140.0	25,200*	140.0	26,000*	140.0	26,700*				
150.0	22,600*	150.0	23,500*	150.0	24,100*	150.0	25,000*	157.4	24,400*		
160.0	21,200*	160.0	21,900*	160.0	22,700*	160.0	23,400*	160.0	24,100*		
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	18,600*	180.0	19,400*	180.0	20,100*	180.0	20,600*	180.0	21,200*	180.0	21,800*
190.0	17,400*	190.0	18,100*	190.0	18,700*	190.0	19,400*	190.0	20,000*	190.0	20,500*
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	15,800*	209.9	15,800*	210.0	16,700*	210.0	17,100*	210.0	17,800*	210.0	18,200*
				216.5	15,800*	220.0	16,000*	220.0	16,800*	220.0	17,200*
						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

Luffing Jib Lift Capacities

Full Counterweights (200,900 lbs) - Carbody weights (60,400 lbs)

90' 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)
32.8	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	98.4	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	118.1	45,600	120.0	43,700
																						124.6	41,600
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' 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	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
										131.2	38,800							131.2	41,000	137.7	37,200	140.0	35,600
																						144.3	34,100
Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6

Luffing Jib Lift Capacities

Full Counterweights (200,900 lbs) - Carbody weights (60,400 lbs)

90' Boom

110 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)
45.9	119,000*										
46.0	119,000*										
48.0	117,700*										
50.0	116,400*										
55.0	112,500*	59.0	115,000*								
60.0	108,000*	60.0	113,400								
65.0	103,700*	65.0	104,600								
70.0	96,900*	70.0	95,600								
75.0	89,300*	75.0	87,600	78.7	79,500						
80.0	81,600*	80.0	80,700	80.0	78,100						
85.0	75,100*	85.0	74,600	85.0	72,200						
90.0	69,500*	90.0	69,500	90.0	67,200						
95.0	64,500*	95.0	65,000	95.0	62,900	98.4	58,400				
100.0	59,500*	100.0	61,000	100.0	59,000	100.0	57,300				
110.0	48,500*	110.0	54,100	110.0	52,300	110.0	50,900	111.5	48,200		
118.1	38,800*	120.0	47,800	120.0	46,900	120.0	45,600	120.0	44,000	124.6	40,700
		124.6	43,400*	130.0	42,400	130.0	41,200	130.0	39,700	130.0	38,800
				131.2	41,800	137.7	38,300	140.0	36,200	140.0	35,200
								144.3	34,800	150.0	32,200
										150.9	31,900
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

120 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)
45.9	105,100*										
46.0	105,100*										
48.0	104,200*										
50.0	103,300*										
55.0	100,900*										
60.0	98,200*										
65.0	95,300*	65.6	101,600*								
70.0	92,200*	70.0	94,800								
75.0	87,900*	75.0	87,400								
80.0	82,500*	80.0	80,400								
85.0	75,800*	85.0	74,400	85.3	71,800						
90.0	70,100*	90.0	69,300	90.0	67,200						
95.0	65,100*	95.0	64,800	95.0	62,800	98.4	58,200				
100.0	60,600*	100.0	60,700	100.0	58,800	100.0	57,000				
110.0	52,600*	110.0	53,800	110.0	52,300	110.0	50,700	118.1	44,700		
120.0	43,100*	120.0	48,400	120.0	46,900	120.0	45,400	120.0	43,900		
124.6	38,500*	130.0	42,800	130.0	42,400	130.0	41,000	130.0	39,700	131.2	37,900
		131.2	42,100*	137.7	39,400	140.0	37,300	140.0	36,100	140.0	34,900
						150.0	34,200	150.0	33,100	150.0	31,900
						150.9	33,900	157.4	31,000	160.0	29,300
										164.0	28,400
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

90' Boom

130 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)
52.4	87,000*										
55.0	86,300*										
60.0	84,700*										
65.0	82,800*										
70.0	80,900*	72.1	84,400*								
75.0	78,600*	75.0	83,200*								
80.0	76,000*	80.0	80,100								
85.0	73,300*	85.0	74,400	85.3	71,800						
90.0	70,100*	90.0	69,300	90.0	67,200						
95.0	66,000*	95.0	64,800	95.0	62,800						
100.0	61,500*	100.0	60,700	100.0	58,800	104.9	53,500				
110.0	53,700*	110.0	53,800	110.0	52,300	110.0	50,500				
120.0	46,900*	120.0	48,200	120.0	46,700	120.0	45,400	124.6	41,600		
130.0	38,600*	130.0	43,700	130.0	42,300	130.0	40,800	130.0	39,500	137.7	35,400
131.2	37,600*	140.0	38,700	140.0	38,500	140.0	37,100	140.0	36,000	140.0	34,800
		144.3	35,000*	150.0	35,300	150.0	34,000	150.0	32,900	150.0	31,800
				150.9	35,000	157.4	31,900	160.0	30,200	160.0	29,300
								164.0	29,300	170.0	27,000
										170.6	26,800
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

140 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)
52.4	74,900*										
55.0	74,100*										
60.0	72,700*										
65.0	71,300*										
70.0	70,000*	72.1	72,300*								
75.0	68,600*	75.0	71,700*								
80.0	67,300*	80.0	70,700*								
85.0	65,900*	85.0	69,900*								
90.0	64,000*	90.0	68,100	91.8	65,200						
95.0	61,700*	95.0	64,700	95.0	62,700						
100.0	59,500*	100.0	60,500	100.0	58,800						
110.0	54,000*	110.0	53,800	110.0	52,000	111.5	49,600				
120.0	47,700*	120.0	48,200	120.0	46,700	120.0	45,100				
130.0	41,700*	130.0	43,500	130.0	42,200	130.0	40,800	131.2	39,000		
140.0	34,500*	140.0	39,700	140.0	38,400	140.0	37,100	140.0	35,800	144.3	33,200
144.3	31,500*	150.0	34,900	150.0	35,100	150.0	34,000	150.0	32,800	150.0	31,700
		150.9	34,300*	157.4	33,000	160.0	31,200	160.0	30,100	160.0	29,100
						170.0	28,800	170.0	27,800	170.0	26,800
						170.6	28,600	177.1	26,400	180.0	24,800
										183.7	24,200
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

Luffing Jib Lift Capacities

Full Counterweights (200,900 lbs) - Carbody weights (60,400 lbs)

90' Boom

110 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)
45.9	119,000*										
46.0	119,000*										
48.0	117,700*										
50.0	116,400*										
55.0	112,500*	59.0	115,000*								
60.0	108,000*	60.0	113,400								
65.0	103,700*	65.0	104,600								
70.0	96,900*	70.0	95,600								
75.0	89,300*	75.0	87,600	78.7	79,500						
80.0	81,600*	80.0	80,700	80.0	78,100						
85.0	75,100*	85.0	74,600	85.0	72,200						
90.0	69,500*	90.0	69,500	90.0	67,200						
95.0	64,500*	95.0	65,000	95.0	62,900	98.4	58,400				
100.0	59,500*	100.0	61,000	100.0	59,000	100.0	57,300				
110.0	48,500*	110.0	54,100	110.0	52,300	110.0	50,900	111.5	48,200		
118.1	38,800*	120.0	47,800	120.0	46,900	120.0	45,600	120.0	44,000	124.6	40,700
		124.6	43,400*	130.0	42,400	130.0	41,200	130.0	39,700	130.0	38,800
				131.2	41,800	137.7	38,300	140.0	36,200	140.0	35,200
								144.3	34,800	150.0	32,200
										150.9	31,900
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

120 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)
45.9	105,100*										
46.0	105,100*										
48.0	104,200*										
50.0	103,300*										
55.0	100,900*										
60.0	98,200*										
65.0	95,300*	65.6	101,600*								
70.0	92,200*	70.0	94,800								
75.0	87,900*	75.0	87,400								
80.0	82,500*	80.0	80,400								
85.0	75,800*	85.0	74,400	85.3	71,800						
90.0	70,100*	90.0	69,300	90.0	67,200						
95.0	65,100*	95.0	64,800	95.0	62,800	98.4	58,200				
100.0	60,600*	100.0	60,700	100.0	58,800	100.0	57,000				
110.0	52,600*	110.0	53,800	110.0	52,300	110.0	50,700	118.1	44,700		
120.0	43,100*	120.0	48,400	120.0	46,900	120.0	45,400	120.0	43,900		
124.6	38,500*	130.0	42,800	130.0	42,400	130.0	41,000	130.0	39,700	131.2	37,900
		131.2	42,100*	137.7	39,400	140.0	37,300	140.0	36,100	140.0	34,900
						150.0	34,200	150.0	33,100	150.0	31,900
						150.9	33,900	157.4	31,000	160.0	29,300
										164.0	28,400
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

90' Boom

130 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)
52.4	87,000*										
55.0	86,300*										
60.0	84,700*										
65.0	82,800*										
70.0	80,900*	72.1	84,400*								
75.0	78,600*	75.0	83,200*								
80.0	76,000*	80.0	80,100								
85.0	73,300*	85.0	74,400	85.3	71,800						
90.0	70,100*	90.0	69,300	90.0	67,200						
95.0	66,000*	95.0	64,800	95.0	62,800						
100.0	61,500*	100.0	60,700	100.0	58,800	104.9	53,500				
110.0	53,700*	110.0	53,800	110.0	52,300	110.0	50,500				
120.0	46,900*	120.0	48,200	120.0	46,700	120.0	45,400	124.6	41,600		
130.0	38,600*	130.0	43,700	130.0	42,300	130.0	40,800	130.0	39,500	137.7	35,400
131.2	37,600*	140.0	38,700	140.0	38,500	140.0	37,100	140.0	36,000	140.0	34,800
		144.3	35,000*	150.0	35,300	150.0	34,000	150.0	32,900	150.0	31,800
				150.9	35,000	157.4	31,900	160.0	30,200	160.0	29,300
								164.0	29,300	170.0	27,000
										170.6	26,800
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

140 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)
52.4	74,900*										
55.0	74,100*										
60.0	72,700*										
65.0	71,300*										
70.0	70,000*	72.1	72,300*								
75.0	68,600*	75.0	71,700*								
80.0	67,300*	80.0	70,700*								
85.0	65,900*	85.0	69,900*								
90.0	64,000*	90.0	68,100	91.8	65,200						
95.0	61,700*	95.0	64,700	95.0	62,700						
100.0	59,500*	100.0	60,500	100.0	58,800						
110.0	54,000*	110.0	53,800	110.0	52,000	111.5	49,600				
120.0	47,700*	120.0	48,200	120.0	46,700	120.0	45,100				
130.0	41,700*	130.0	43,500	130.0	42,200	130.0	40,800	131.2	39,000		
140.0	34,500*	140.0	39,700	140.0	38,400	140.0	37,100	140.0	35,800	144.3	33,200
144.3	31,500*	150.0	34,900	150.0	35,100	150.0	34,000	150.0	32,800	150.0	31,700
		150.9	34,300*	157.4	33,000	160.0	31,200	160.0	30,100	160.0	29,100
						170.0	28,800	170.0	27,800	170.0	26,800
						170.6	28,600	177.1	26,400	180.0	24,800
										183.7	24,200
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

Luffing Jib Lift Capacities

Full Counterweights (200,900 lbs) - Carbody weights (60,400 lbs)

90' Boom

190 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)
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	26,400*		
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

200 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)
72.1	39,900*										
75.0	39,200*										
80.0	38,000*										
85.0	36,600*										
90.0	35,100*	91.8	35,900*								
95.0	33,700*	95.0	35,000*								
100.0	32,400*	100.0	33,700*								
110.0	30,000*	110.0	31,200*	118.1	30,400*						
120.0	27,800*	120.0	28,900*	120.0	29,900*						
130.0	26,000*	130.0	26,900*	130.0	27,800*	137.7	27,100*				
140.0	24,300*	140.0	24,900*	140.0	25,800*	140.0	26,700*				
150.0	22,600*	150.0	23,400*	150.0	24,100*	150.0	25,000*				
160.0	21,200*	160.0	21,900*	160.0	22,700*	160.0	23,300*	164.0	23,300*		
170.0	19,900*	170.0	20,500*	170.0	21,200*	170.0	21,900*	170.0	22,500*		
180.0	18,600*	180.0	19,300*	180.0	19,900*	180.0	20,500*	180.0	21,200*	183.7	21,300*
190.0	17,600*	190.0	18,300*	190.0	18,700*	190.0	19,400*	190.0	19,800*	190.0	20,500*
200.0	16,400*	200.0	17,000*	200.0	17,700*	200.0	18,300*	200.0	18,800*	200.0	19,300*
203.4	16,000*	209.9	16,000*	210.0	16,700*	210.0	17,100*	210.0	17,800*	210.0	18,200
				216.5	15,800*	220.0	16,100*	220.0	16,800*	220.0	17,100
						223.0	15,800*	230.0	15,500*	230.0	16,000
								236.2	14,300*	240.0	14,700
										242.7	14,300*
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

Luffing Jib Lift Capacities

Full Counterweights (200,900 lbs) - Carbody weights (60,400 lbs)

100' 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)
32.8	154,200*																						
34.0	152,800*																						
36.0	150,600*																						
38.0	148,300*											39.3	145,900*										
40.0	145,600*											40.0	144,900*										
42.0	141,900*											42.0	141,600*										
44.0	138,200*											44.0	138,300*										
46.0	134,500*											46.0	135,000*										
48.0	130,800*											48.0	131,800*										
50.0	127,100*	52.4	128,500									50.0	128,500*	52.4	128,000								
55.0	117,900*	55.0	124,700									55.0	120,400*	55.0	124,200								
60.0	108,700*	60.0	116,500									60.0	112,200*	60.0	115,900								
65.0	99,400*	65.0	105,400	65.6	100,900							65.0	104,100*	65.0	105,100	65.6	100,500						
70.0	90,200*	70.0	96,100	70.0	93,100							70.0	95,900*	70.0	95,800	70.0	92,700						
75.0	78,000*	75.0	88,000	75.0	85,300	78.7	77,800					75.0	86,800*	75.0	87,800	75.0	84,800						
78.7	67,200*	80.0	81,100	80.0	78,500	80.0	76,300					80.0	76,800*	80.0	80,900	80.0	78,100						
		85.0	75,100	85.0	72,600	85.0	70,600					85.0	65,900*	85.0	74,800	85.0	72,400	85.3	69,800				
		85.3	74,700	90.0	67,700	90.0	65,900	91.8	61,900			85.3	65,200*	90.0	69,700	90.0	67,500	90.0	65,400				
				91.8	65,900	95.0	61,600	95.0	59,500					95.0	63,500	95.0	63,000	95.0	61,100	98.4	56,400		
						100.0	57,700	100.0	55,800	104.9	50,900			98.4	58,800*	100.0	59,000	100.0	57,300	100.0	55,300		
						104.9	54,200	110.0	49,400	110.0	48,000					104.9	55,500	110.0	50,900	110.0	49,100	111.5	46,700
								111.5	48,500	118.1	43,800							111.5	50,000	118.1	44,900	120.0	42,800
																						130.0	38,600
																						131.2	38,100
Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6

100' 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	144,400*																						
40.0	143,400*																						
42.0	140,200*																						
44.0	137,000*											45.9	133,500*										
46.0	133,900*											46.0	133,400*										
48.0	130,800*											48.0	130,400*										
50.0	127,700*											50.0	127,400*										
55.0	119,900*	59.0	117,000									55.0	119,900*	59.0	116,400								
60.0	112,000*	60.0	115,100									60.0	112,500*	60.0	114,500								
65.0	104,300*	65.0	105,000									65.0	104,900*	65.0	104,800								
70.0	96,400*	70.0	95,800	72.1	88,600							70.0	97,400*	70.0	95,600								
75.0	88,400*	75.0	87,800	75.0	84,600							75.0	89,500*	75.0	87,600	78.7	79,300						
80.0	80,600*	80.0	80,900	80.0	77,800							80.0	81,800*	80.0	80,700	80.0	77,800						
85.0	73,600*	85.0	74,800	85.0	72,000	85.3	69,800					85.0	75,100*	85.0	74,600	85.0	72,000						
90.0	65,100*	90.0	69,700	90.0	67,000	90.0	65,400					90.0	69,500*	90.0	69,500	90.0	67,000	91.8	63,200				
95.0	56,300*	95.0	65,200	95.0	62,700	95.0	61,100					95.0	63,200*	95.0	65,000	95.0	62,700	95.0	60,800				
98.4	50,200*	100.0	61,200	100.0	58,800	100.0	57,300	104.9	51,500			100.0	56,400*	100.0	61,000	100.0	58,800	100.0	57,000				
		104.9	57,500	110.0	52,100	110.0	50,700	110.0	48,700	118.1	43,400	104.9	49,600*	110.0	54,100	110.0	52,100	110.0	50,500	111.5	47,800		
				111.5	51,100	120.0	45,600	120.0	43,700	120.0	42,600			111.5	53,100	120.0	46,700	120.0	45,400	120.0	43,600	124.6	40,300
						124.6	43,400	130.0	39,500	130.0	38,400					124.6	44,500	130.0	41,000	130.0	39,400	130.0	38,100
								131.2	39,000	137.7	35,700							131.2	40,500	137.7	36,500	140.0	34,800
																						150.0	31,800
																						150.9	31,500
Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6

Luffing Jib Lift Capacities

Full Counterweights (200,900 lbs) - Carbody weights (60,400 lbs)

100' Boom

110 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)
45.9	119,000*										
46.0	119,000*										
48.0	117,800*										
50.0	116,700*										
55.0	112,900*										
60.0	108,300*										
65.0	104,100*	65.6	102,900								
70.0	97,200*	70.0	95,200								
75.0	89,600*	75.0	87,300	78.7	78,900						
80.0	82,000*	80.0	80,300	80.0	77,400						
85.0	75,300*	85.0	74,400	85.0	71,500						
90.0	69,700*	90.0	69,300	90.0	66,700						
95.0	64,700*	95.0	64,800	95.0	62,400	98.4	57,700				
100.0	59,900*	100.0	60,700	100.0	58,400	100.0	56,600				
110.0	49,300*	110.0	53,800	110.0	51,800	110.0	50,200	111.5	47,300		
118.1	39,600*	120.0	48,100	120.0	46,500	120.0	45,000	120.0	43,200		
		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
								150.9	32,100	157.4	29,500
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

120 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)
45.9	104,400*										
46.0	104,400*										
48.0	103,800*										
50.0	103,100*										
55.0	100,900*										
60.0	98,200*										
65.0	95,300*	65.6	102,200*								
70.0	92,200*	70.0	94,900								
75.0	88,000*	75.0	87,000								
80.0	82,700*	80.0	80,000								
85.0	76,200*	85.0	74,200	85.3	71,200						
90.0	70,600*	90.0	69,100	90.0	66,600						
95.0	65,500*	95.0	64,600	95.0	62,200						
100.0	60,800*	100.0	60,500	100.0	58,400	104.9	52,900				
110.0	53,100*	110.0	53,600	110.0	51,800	110.0	49,800	118.1	43,800		
120.0	43,700*	120.0	48,200	120.0	46,500	120.0	44,700	120.0	43,000		
124.6	39,200*	130.0	43,500	130.0	41,900	130.0	40,400	130.0	38,800	137.7	34,800
		131.2	42,900	140.0	38,200	140.0	36,700	140.0	35,400	140.0	34,000
				144.3	36,800	150.0	33,700	150.0	32,400	150.0	31,100
						150.9	33,500	157.4	30,400	160.0	28,700
										170.0	26,300
										170.6	26,200
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

100' Boom

130 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)
52.4	87,000*										
55.0	86,400*										
60.0	84,900*										
65.0	82,900*										
70.0	81,000*	72.1	84,600*								
75.0	78,800*	75.0	83,300								
80.0	76,200*	80.0	80,000								
85.0	73,300*	85.0	74,200								
90.0	70,300*	90.0	69,100	91.8	64,800						
95.0	66,200*	95.0	64,600	95.0	62,200						
100.0	61,700*	100.0	60,500	100.0	58,400						
110.0	54,000*	110.0	53,600	110.0	51,600	111.5	48,900				
120.0	47,200*	120.0	48,000	120.0	46,200	120.0	44,700	124.6	41,000		
130.0	39,100*	130.0	43,500	130.0	41,900	130.0	40,400	130.0	38,800		
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
								170.6	27,300	177.1	24,900
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

140 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)
52.4	74,900*										
55.0	74,100*										
60.0	72,400*										
65.0	70,900*										
70.0	69,200*	72.1	72,300*								
75.0	67,600*	75.0	71,800*								
80.0	65,900*	80.0	70,900*								
85.0	64,200*	85.0	69,900*								
90.0	62,700*	90.0	67,800	91.8	64,800						
95.0	61,100*	95.0	64,300	95.0	62,100						
100.0	59,400*	100.0	60,300	100.0	58,100						
110.0	54,200*	110.0	53,600	110.0	51,600	111.5	48,700				
120.0	47,900*	120.0	47,900	120.0	46,200	120.0	44,500				
130.0	42,100*	130.0	43,300	130.0	41,700	130.0	40,100	131.2	38,100		
140.0	35,100*	140.0	39,500	140.0	38,000	140.0	36,500	140.0	35,100		
144.3	31,900*	150.0	35,800	150.0	34,800	150.0	33,500	150.0	32,200	150.9	30,600
		150.9	35,400*	160.0	32,000	160.0	30,700	160.0	29,600	160.0	28,200
				164.0	31,000	170.0	28,300	170.0	27,200	170.0	26,100
						170.6	28,200	177.1	25,700	180.0	24,200
										183.7	23,500
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

Luffing Jib Lift Capacities

Full Counterweights (200,900 lbs) - Carbody weights (60,400 lbs)

100' Boom

150 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*										
60.0	63,200*										
65.0	62,000*										
70.0	61,000*										
75.0	60,100*	78.7	61,200*								
80.0	59,300*	80.0	61,000*								
85.0	58,600*	85.0	60,000*								
90.0	57,500*	90.0	59,300*								
95.0	55,800*	95.0	58,500*	98.4	58,800						
100.0	53,800*	100.0	57,300*	100.0	57,700						
110.0	49,900*	110.0	53,000	110.0	51,200	118.1	44,900				
120.0	46,500*	120.0	47,700	120.0	45,800	120.0	44,100				
130.0	42,600*	130.0	43,000	130.0	41,500	130.0	39,700	137.7	35,400		
140.0	37,600*	140.0	39,100	140.0	37,600	140.0	36,200	140.0	34,700		
150.0	31,400*	150.0	35,800	150.0	34,400	150.0	33,100	150.0	31,700	157.4	28,400
150.9	30,800*	160.0	32,200	160.0	31,700	160.0	30,400	160.0	29,100	160.0	27,900
		164.0	29,700*	170.0	29,200	170.0	28,100	170.0	26,800	170.0	25,700
				170.6	29,100	177.1	26,600	180.0	24,800	180.0	23,700
								190.0	23,100	190.0	22,000
								190.2	23,100	196.8	21,100
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

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	54,000*										
60.0	53,800*										
65.0	52,800*										
70.0	51,800*										
75.0	50,800*	78.7	52,000*								
80.0	50,000*	80.0	51,700*								
85.0	49,400*	85.0	50,700*								
90.0	48,700*	90.0	50,000*								
95.0	47,500*	95.0	49,200*								
100.0	45,900*	100.0	48,400*	104.9	49,100*						
110.0	42,400*	110.0	45,500*	110.0	48,400*						
120.0	39,500*	120.0	42,100*	120.0	45,200	124.6	42,100				
130.0	36,800*	130.0	39,300*	130.0	41,500	130.0	39,700				
140.0	34,300*	140.0	36,700*	140.0	37,600	140.0	36,200	144.3	33,200		
150.0	31,300*	150.0	34,500*	150.0	34,400	150.0	33,100	150.0	31,700		
160.0	28,400*	160.0	32,600*	160.0	31,700	160.0	30,400	160.0	29,100	164.0	26,800
164.0	26,400*	170.0	29,500*	170.0	29,200	170.0	28,100	170.0	26,800	170.0	25,600
		170.6	29,300*	180.0	27,200	180.0	25,900	180.0	24,800	180.0	23,700
				183.7	26,400	190.0	24,000	190.0	23,100	190.0	22,000
						190.2	24,000	196.8	22,000	200.0	20,500
										203.4	20,000
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

100' Boom

170 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	55,500*										
60.0	55,400*										
65.0	54,900*										
70.0	54,100*										
75.0	52,700*										
80.0	50,900*										
85.0	49,000*	85.3	49,800*								
90.0	47,300*	90.0	48,200*								
95.0	45,500*	95.0	46,400*								
100.0	43,700*	100.0	44,600*	104.9	43,800*						
110.0	40,200*	110.0	41,300*	110.0	42,300*						
120.0	37,000*	120.0	38,100*	120.0	39,100*						
130.0	33,800*	130.0	34,900*	130.0	36,000*	131.2	36,500*				
140.0	30,800*	140.0	32,100*	140.0	33,200*	140.0	34,200*				
150.0	27,800*	150.0	29,300*	150.0	30,400*	150.0	31,500*	150.9	30,800		
160.0	25,000*	160.0	26,600*	160.0	27,800*	160.0	28,900*	160.0	28,500		
170.0	22,200*	170.0	23,900*	170.0	25,200*	170.0	26,300*	170.0	26,300	170.6	24,900
170.6	22,000*	180.0	21,200*	180.0	22,800*	180.0	24,000*	180.0	24,300	180.0	23,100
		183.7	20,200*	190.0	20,100*	190.0	21,600*	190.0	22,500	190.0	21,400
				190.2	20,000*	196.8	20,000*	200.0	20,600	200.0	19,900
								209.9	18,200*	210.0	18,500
										216.5	17,800
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

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)
65.6	49,100*										
70.0	48,700*										
75.0	47,900*										
80.0	46,700*										
85.0	45,000*	85.3	46,000*								
90.0	43,000*	90.0	44,600*								
95.0	41,200*	95.0	43,000*								
100.0	39,500*	100.0	41,300*								
110.0	36,400*	110.0	37,900*	111.5	39,000*						
120.0	33,700*	120.0	34,900*	120.0	36,300*						
130.0	31,300*	130.0	32,400*	130.0	33,600*	131.2	34,600*				
140.0	29,000*	140.0	30,100*	140.0	31,200*	140.0	32,300*				
150.0	27,000*	150.0	28,100*	150.0	29,000*	150.0	29,900*	157.4	28,800		
160.0	25,200*	160.0	26,200*	160.0	27,100*	160.0	28,000*	160.0	28,200		
170.0	23,200*	170.0	24,500*	170.0	25,400*	170.0	26,300*	170.0	26,100	177.1	23,500
180.0	20,600*	180.0	22,200*	180.0	23,300*	180.0	24,400*	180.0	24,100	180.0	23,000
183.7	19,600*	190.0	19,600*	190.0	21,200*	190.0	22,300*	190.0	22,300	190.0	21,200
		190.2	19,600*	200.0	18,800*	200.0	20,200*	200.0	20,700	200.0	19,800
				203.4	18,000*	209.9	17,800*	210.0	19,100	210.0	18,500
								216.5	17,800*	220.0	17,100
										223.0	16,700
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

Luffing Jib Lift Capacities

Full Counterweights (200,900 lbs) - Carbody weights (60,400 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*	230.0	15,300
										236.2	15,200									236.2	14,300*	240.0	14,300
																						242.7	14,100
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

Luffing Jib Lift Capacities

Full Counterweights (200,900 lbs) - Carbody weights (60,400 lbs)

110' Boom

70 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)
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		
						104.9	53,500	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

80 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)
39.3	142,100*										
40.0	141,200*										
42.0	138,200*										
44.0	135,100*										
46.0	132,100*										
48.0	129,100*										
50.0	126,100*	52.4	127,600								
55.0	118,600*	55.0	123,700								
60.0	111,200*	60.0	115,400								
65.0	103,600*	65.0	104,700								
70.0	96,100*	70.0	95,400	72.1	88,100						
75.0	87,500*	75.0	87,400	75.0	84,200						
80.0	77,900*	80.0	80,500	80.0	77,400						
85.0	67,000*	85.0	74,600	85.0	71,700	85.3	69,200				
85.3	66,300*	90.0	69,500	90.0	66,800	90.0	64,800				
		95.0	64,900	95.0	62,500	95.0	60,500	98.4	55,500		
		98.4	61,900	100.0	58,600	100.0	56,700	100.0	54,400		
				104.9	55,100	110.0	50,300	110.0	48,200	118.1	42,700
						118.1	46,000	120.0	43,200	120.0	41,900
								124.6	41,200	130.0	37,900
										131.2	37,400
Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6

110' Boom

90 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)
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		
				118.1	47,100	120.0	45,000	120.0	42,900	124.6	39,600
						124.6	42,900	130.0	38,800	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

100 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)
45.9	119,000*										
46.0	119,000*										
48.0	119,000*										
50.0	119,000*										
55.0	115,900*	59.0	115,900								
60.0	109,600*	60.0	114,100								
65.0	103,300*	65.0	104,300								
70.0	97,000*	70.0	95,200								
75.0	89,900*	75.0	87,100	78.7	78,700						
80.0	82,300*	80.0	80,300	80.0	77,200						
85.0	75,500*	85.0	74,400	85.0	71,300						
90.0	69,800*	90.0	69,300	90.0	66,500						
95.0	63,700*	95.0	64,800	95.0	62,100	98.4	57,300				
100.0	57,400*	100.0	60,700	100.0	58,200	100.0	56,200				
104.9	50,700*	110.0	53,800	110.0	51,600	110.0	50,000	111.5	46,900		
		118.1	48,200*	120.0	46,200	120.0	44,800	120.0	42,800		
				124.6	44,000	130.0	40,400	130.0	38,600	131.2	37,000
						137.7	37,600	140.0	35,200	140.0	33,900
								144.3	33,900	150.0	31,100
										150.9	30,800
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

Luffing Jib Lift Capacities

Full Counterweights (200,900 lbs) - Carbody weights (60,400 lbs)

110' Boom

110 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)
45.9	115,000*										
46.0	115,000*										
48.0	114,100*										
50.0	113,300*										
55.0	110,000*										
60.0	105,600*										
65.0	101,000*	65.6	102,500								
70.0	96,200*	70.0	94,800								
75.0	89,800*	75.0	86,900								
80.0	82,500*	80.0	80,000								
85.0	75,800*	85.0	73,900	85.3	70,700						
90.0	70,000*	90.0	69,000	90.0	66,100						
95.0	64,900*	95.0	64,500	95.0	61,800	98.4	57,000				
100.0	60,200*	100.0	60,300	100.0	57,900	100.0	55,900				
110.0	49,800*	110.0	53,600	110.0	51,400	110.0	49,600	118.1	43,200		
118.1	40,300*	120.0	48,000	120.0	46,000	120.0	44,500	120.0	42,300		
		124.6	45,800	130.0	41,500	130.0	40,100	130.0	38,300	137.7	34,300
				137.7	38,500	140.0	36,500	140.0	34,800	140.0	33,700
						144.3	35,000	150.0	31,800	150.0	30,700
								150.9	31,500	160.0	28,200
										164.0	27,300
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

120 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)
45.9	101,100*										
46.0	101,100*										
48.0	100,900*										
50.0	100,600*										
55.0	99,700*										
60.0	98,200*										
65.0	95,300*	65.6	102,500								
70.0	92,200*	70.0	94,700								
75.0	87,900*	75.0	86,700								
80.0	82,600*	80.0	79,800								
85.0	76,600*	85.0	73,700	85.3	70,700						
90.0	70,900*	90.0	68,600	90.0	66,100						
95.0	65,700*	95.0	64,100	95.0	61,800						
100.0	61,100*	100.0	60,100	100.0	57,900	104.9	52,200				
110.0	53,500*	110.0	53,400	110.0	51,400	110.0	49,300				
120.0	44,200*	120.0	47,800	120.0	46,000	120.0	44,100	124.6	40,300		
124.6	39,600*	130.0	43,300	130.0	41,500	130.0	39,900	130.0	38,100	137.7	33,900
		137.7	38,300*	140.0	37,800	140.0	36,200	140.0	34,800	140.0	33,200
				144.3	36,300	150.0	33,100	150.0	31,800	150.0	30,400
						150.9	32,800	160.0	29,100	160.0	27,900
								164.0	28,200	170.0	25,900
										170.6	25,700
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

110' Boom

130 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)
52.4	87,000*										
55.0	86,400*										
60.0	84,900*										
65.0	82,900*										
70.0	81,000*	72.1	84,800*								
75.0	78,800*	75.0	83,200								
80.0	76,200*	80.0	79,600								
85.0	73,300*	85.0	73,700								
90.0	70,500*	90.0	68,600	91.8	64,300						
95.0	66,400*	95.0	64,100	95.0	61,700						
100.0	61,900*	100.0	60,100	100.0	57,800						
110.0	54,200*	110.0	53,400	110.0	51,200	111.5	48,200				
120.0	47,500*	120.0	47,800	120.0	46,000	120.0	44,000				
130.0	39,700*	130.0	43,300	130.0	41,500	130.0	39,700	131.2	37,600		
137.7	32,800*	140.0	39,300	140.0	37,800	140.0	36,200	140.0	34,600	144.3	31,700
		144.3	37,600*	150.0	34,600	150.0	33,100	150.0	31,700	150.0	30,200
				157.4	32,400	160.0	30,400	160.0	29,100	160.0	27,800
						164.0	29,500	170.0	26,800	170.0	25,600
								170.6	26,600	180.0	23,700
										183.7	23,100
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

140 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)
52.4	74,900*										
55.0	74,100*										
60.0	72,400*										
65.0	70,900*										
70.0	69,200*	72.1	72,500*								
75.0	67,600*	75.0	71,900*								
80.0	65,900*	80.0	70,900*								
85.0	64,200*	85.0	70,100*								
90.0	62,700*	90.0	67,700								
95.0	61,100*	95.0	64,100	98.4	58,800						
100.0	59,400*	100.0	60,100	100.0	57,700						
110.0	54,200*	110.0	53,200	110.0	51,200	118.1	44,700				
120.0	48,000*	120.0	47,700	120.0	45,800	120.0	43,900				
130.0	42,500*	130.0	43,000	130.0	41,300	130.0	39,700	137.7	35,200		
140.0	35,600*	140.0	39,300	140.0	37,600	140.0	36,000	140.0	34,500		
144.3	32,400*	150.0	35,900	150.0	34,400	150.0	32,900	150.0	31,500	150.9	29,900
		157.4	31,500*	160.0	31,700	160.0	30,200	160.0	28,900	160.0	27,600
				164.0	30,600	170.0	27,900	170.0	26,700	170.0	25,400
						170.6	27,700	180.0	24,700	180.0	23,500
								183.7	24,000	190.0	21,800
										190.2	21,800
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

Luffing Jib Lift Capacities

Full Counterweights (200,900 lbs) - Carbody weights (60,400 lbs)

110' Boom

150 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*										
60.0	63,200*										
65.0	62,000*										
70.0	61,200*										
75.0	60,200*	78.7	61,500*								
80.0	59,300*	80.0	61,200*								
85.0	58,600*	85.0	60,200*								
90.0	57,500*	90.0	59,300*								
95.0	55,800*	95.0	58,600*	98.4	58,400						
100.0	53,800*	100.0	57,600*	100.0	57,300						
110.0	49,900*	110.0	52,900	110.0	50,700	118.1	44,300				
120.0	46,500*	120.0	47,300	120.0	45,400	120.0	43,400				
130.0	42,600*	130.0	42,800	130.0	41,000	130.0	39,200				
140.0	37,900*	140.0	38,900	140.0	37,300	140.0	35,600	144.3	32,800		
150.0	31,800*	150.0	35,700	150.0	34,200	150.0	32,600	150.0	31,100	157.4	27,700
157.4	26,800*	160.0	32,400	160.0	31,300	160.0	29,900	160.0	28,500	160.0	27,200
		164.0	30,600*	170.0	29,000	170.0	27,600	170.0	26,300	170.0	25,000
				170.6	28,800	180.0	25,600	180.0	24,400	180.0	23,200
						183.7	24,900	190.0	22,700	190.0	21,600
								190.2	22,700	200.0	20,000
										203.4	19,600
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

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	54,000*										
60.0	53,800*										
65.0	52,800*										
70.0	51,900*										
75.0	51,100*										
80.0	50,200*										
85.0	49,400*	85.3	50,900*								
90.0	48,700*	90.0	50,200*								
95.0	47,500*	95.0	49,500*								
100.0	45,900*	100.0	48,600*	104.9	49,300*						
110.0	42,500*	110.0	45,900*	110.0	48,700*						
120.0	39,600*	120.0	42,600*	120.0	45,400	124.6	41,400				
130.0	36,900*	130.0	39,600*	130.0	41,000	130.0	39,200				
140.0	34,300*	140.0	36,900*	140.0	37,300	140.0	35,700	144.3	32,600		
150.0	31,500*	150.0	34,700*	150.0	34,200	150.0	32,600	150.0	31,100		
160.0	28,500*	160.0	32,600	160.0	31,300	160.0	29,900	160.0	28,500	164.0	26,200
164.0	26,600*	170.0	30,300	170.0	29,000	170.0	27,600	170.0	26,300	170.0	25,000
		170.6	30,200	180.0	26,700	180.0	25,600	180.0	24,300	180.0	23,100
				183.7	26,000	190.0	23,800	190.0	22,500	190.0	21,400
						190.2	23,800	200.0	21,000	200.0	20,000
								203.4	20,500	209.9	18,700
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

110' Boom

170 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	180.0	22,500
		183.7	20,200*	190.0	20,300*	190.0	21,600*	190.0	22,000	190.0	20,700
				190.2	20,200*	200.0	19,500*	200.0	20,400	200.0	19,400
						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

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)
65.6	48,200*										
70.0	47,800*										
75.0	47,300*										
80.0	46,500*										
85.0	44,800*										
90.0	43,000*	91.8	44,000*								
95.0	41,200*	95.0	43,000*								
100.0	39,500*	100.0	41,300*								
110.0	36,400*	110.0	37,900*	111.5	39,000*						
120.0	33,600*	120.0	34,900*	120.0	36,400*						
130.0	31,100*	130.0	32,400*	130.0	33,600*	137.7	32,800*				
140.0	29,000*	140.0	30,100*	140.0	31,200*	140.0	32,300*				
150.0	27,000*	150.0	28,100*	150.0	29,000*	150.0	30,100*	157.4	28,400		
160.0	25,200*	160.0	26,200*	160.0	27,100*	160.0	28,100*	160.0	27,800		
170.0	23,200*	170.0	24,500*	170.0	25,400*	170.0	26,300*	170.0	25,400	177.1	22,900
180.0	20,800	180.0	22,200*	180.0	23,300*	180.0	24,300*	180.0	23,500	180.0	22,400
183.7	19,800	190.0	19,900	190.0	21,200*	190.0	22,300*	190.0	21,800	190.0	20,700
		190.2	19,800	200.0	18,900*	200.0	20,200*	200.0	20,200	200.0	19,100
				203.4	18,200*	209.9	18,000*	210.0	18,900	210.0	17,800
								220.0	17,100*	220.0	16,600
								223.0	16,500*	229.6	15,600
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

Luffing Jib Lift Capacities

Full Counterweights (200,900 lbs) - Carbody weights (60,400 lbs)

110' Boom

190 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)
65.6	43,600*										
70.0	43,200*										
75.0	42,700*										
80.0	41,900*										
85.0	40,400*										
90.0	38,700*	91.8	39,600*								
95.0	37,100*	95.0	38,700*								
100.0	35,600*	100.0	37,200*								
110.0	32,900*	110.0	34,300*	118.1	33,500*						
120.0	30,600*	120.0	31,700*	120.0	33,000*						
130.0	28,400*	130.0	29,500*	130.0	30,400*						
140.0	26,500*	140.0	27,400*	140.0	28,400*	144.3	28,400*				
150.0	24,800*	150.0	25,700*	150.0	26,600*	150.0	27,300*				
160.0	23,100*	160.0	24,000*	160.0	24,700*	160.0	25,500*	164.0	25,500*		
170.0	21,600*	170.0	22,500*	170.0	23,200*	170.0	23,900*	170.0	24,500*		
180.0	20,300*	180.0	21,200*	180.0	21,800*	180.0	22,500*	180.0	23,100	183.7	21,300
190.0	18,700*	190.0	19,800*	190.0	20,500*	190.0	21,200*	190.0	21,400	190.0	20,300
190.2	18,700*	200.0	17,800*	200.0	18,900*	200.0	19,800*	200.0	19,900	200.0	18,800
		203.4	17,100*	209.9	16,900*	210.0	18,000*	210.0	18,500	210.0	17,600
						220.0	16,100*	220.0	17,000*	220.0	16,200
						223.0	15,600*	229.6	15,400*	230.0	15,100
										240.0	14,100
										242.7	13,800
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

200 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)
72.1	38,500*										
75.0	38,300*										
80.0	37,700*										
85.0	36,200*										
90.0	34,800*										
95.0	33,500*	98.4	33,900*								
100.0	32,200*	100.0	33,500*								
110.0	29,900*	110.0	31,000*								
120.0	27,600*	120.0	28,700*	124.6	28,800*						
130.0	25,700*	130.0	26,700*	130.0	27,800*						
140.0	24,100*	140.0	24,900*	140.0	25,800*	144.3	25,700*				
150.0	22,600*	150.0	23,300*	150.0	24,100*	150.0	24,800*				
160.0	21,200*	160.0	21,900*	160.0	22,500*	160.0	23,200*				
170.0	19,900*	170.0	20,500*	170.0	21,200*	170.0	21,900*	170.6	22,200*		
180.0	18,600*	180.0	19,300*	180.0	19,900*	180.0	20,500*	180.0	21,000*		
190.0	17,600*	190.0	18,100*	190.0	18,700*	190.0	19,400*	190.0	19,800*	190.2	20,000
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	16,000*	209.9	16,000*	210.0	16,700*	210.0	17,100*	210.0	17,600*	210.0	17,100
				220.0	15,200*	220.0	16,000*	220.0	16,700*	220.0	16,000
				223.0	14,700*	229.6	14,500*	230.0	15,300*	230.0	14,900
								240.0	13,600*	240.0	13,900
								242.7	13,200*	249.3	13,000
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

Luffing Jib Lift Capacities

Full Counterweights (200,900 lbs) - Carbody weights (60,400 lbs)

120' Boom

70 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)
32.8	148,800*										
34.0	147,000*										
36.0	143,900*										
38.0	140,900*										
40.0	137,900*										
42.0	134,800*										
44.0	131,700*										
46.0	128,600*										
48.0	125,600*										
50.0	122,500*	52.4	127,800								
55.0	115,000*	55.0	124,000								
60.0	107,400*	60.0	115,800								
65.0	99,700*	65.0	104,700	65.6	99,200						
70.0	92,100*	70.0	95,400	70.0	91,600						
75.0	80,700*	75.0	87,400	75.0	83,900						
78.7	70,100*	80.0	80,400	80.0	77,200						
		85.0	74,400	85.0	71,500	85.3	68,500				
		85.3	74,000	90.0	66,600	90.0	64,300				
				95.0	62,200	95.0	60,000	98.4	54,800		
				98.4	59,500	100.0	56,200	100.0	53,800		
						110.0	49,800	110.0	47,800	111.5	45,100
						111.5	48,900	118.1	43,600	120.0	41,200
										130.0	37,200
										131.2	36,800
Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6

80 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)
39.3	139,900*										
40.0	139,100*										
42.0	136,200*										
44.0	133,400*										
46.0	130,600*										
48.0	127,700*										
50.0	124,800*	52.4	127,200								
55.0	117,700*	55.0	123,300								
60.0	110,600*	60.0	115,000								
65.0	103,400*	65.0	104,200								
70.0	96,300*	70.0	95,100	72.1	87,500						
75.0	88,200*	75.0	87,100	75.0	83,500						
80.0	78,800*	80.0	80,200	80.0	76,800						
85.0	68,100*	85.0	74,200	85.0	71,100						
85.3	67,400*	90.0	69,100	90.0	66,300	91.8	62,100				
		95.0	64,600	95.0	61,900	95.0	59,700				
		98.4	61,700	100.0	57,900	100.0	55,900	104.9	50,200		
				104.9	54,400	110.0	49,600	110.0	47,400	118.1	41,600
						118.1	45,400	120.0	42,300	120.0	40,800
								130.0	38,300	130.0	36,800
								131.2	37,900	137.7	34,100
Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6

120' Boom

90 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)
39.3	119,000*										
40.0	119,000*										
42.0	119,000*										
44.0	119,000*										
46.0	119,000*										
48.0	119,000*										
50.0	119,000*										
55.0	115,800*	59.0	116,100								
60.0	109,400*	60.0	114,200								
65.0	103,200*	65.0	104,100								
70.0	96,900*	70.0	95,000								
75.0	89,400*	75.0	86,900	78.7	77,800						
80.0	81,500*	80.0	80,000	80.0	76,300						
85.0	74,700*	85.0	74,200	85.0	70,600						
90.0	66,500*	90.0	69,100	90.0	65,900	91.8	61,900				
95.0	58,100*	95.0	64,600	95.0	61,600	95.0	59,500				
98.4	52,200*	100.0	60,500	100.0	57,700	100.0	55,800				
		104.9	56,800	110.0	51,200	110.0	49,400	111.5	46,000		
				118.1	46,700	120.0	44,300	120.0	41,900	124.6	38,500
						130.0	40,100	130.0	37,900	130.0	36,600
						131.2	39,600	137.7	35,200	140.0	33,200
										144.3	31,900
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

100 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)
45.9	119,000*										
46.0	119,000*										
48.0	118,300*										
50.0	117,600*										
55.0	113,900*										
60.0	108,200*										
65.0	102,500*	65.6	102,500								
70.0	96,800*	70.0	94,800								
75.0	90,000*	75.0	86,900	78.7	77,800						
80.0	82,700*	80.0	80,000	80.0	76,300						
85.0	75,800*	85.0	73,900	85.0	70,600						
90.0	70,100*	90.0	69,000	90.0	65,900						
95.0	64,300*	95.0	64,500	95.0	61,600	98.4	56,600				
100.0	58,000*	100.0	60,300	100.0	57,700	100.0	55,500				
104.9	51,100*	110.0	53,600	110.0	51,200	110.0	49,200	118.1	42,700		
		118.1	48,900	120.0	45,800	120.0	44,100	120.0	41,900		
				124.6	43,600	130.0	39,900	130.0	37,900	131.2	35,900
						137.7	37,000	140.0	34,300	140.0	33,000
								150.0	31,500	150.0	30,200
								150.9	31,300	157.4	28,400
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

Luffing Jib Lift Capacities

Full Counterweights (200,900 lbs) - Carbody weights (60,400 lbs)

120' Boom

110 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)
45.9	111,100*										
46.0	111,000*										
48.0	110,700*										
50.0	110,400*										
55.0	108,200*										
60.0	104,500*										
65.0	100,100*	65.6	102,000								
70.0	95,900*	70.0	94,400								
75.0	89,800*	75.0	86,500								
80.0	82,500*	80.0	79,600								
85.0	76,000*	85.0	73,700	85.3	70,100						
90.0	70,400*	90.0	68,600	90.0	65,500						
95.0	65,200*	95.0	64,100	95.0	61,100						
100.0	60,500*	100.0	60,100	100.0	57,300	104.9	51,800				
110.0	50,400*	110.0	53,400	110.0	50,700	110.0	48,700				
118.1	41,000*	120.0	47,800	120.0	45,600	120.0	43,700	124.6	39,400		
		124.6	45,600	130.0	41,100	130.0	39,500	130.0	37,400	137.7	33,200
				137.7	38,100	140.0	35,900	140.0	34,000	140.0	32,600
						144.3	34,600	150.0	31,100	150.0	29,700
								157.4	29,300	160.0	27,400
										164.0	26,400
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

120 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)
45.9	98,100*										
46.0	98,000*										
48.0	97,800*										
50.0	97,500*										
55.0	96,800*										
60.0	96,100*										
65.0	95,100*										
70.0	92,200*	72.1	90,300								
75.0	87,900*	75.0	86,300								
80.0	82,600*	80.0	79,400								
85.0	76,600*	85.0	73,500								
90.0	71,000*	90.0	68,400	91.8	63,700						
95.0	65,900*	95.0	63,900	95.0	61,100						
100.0	61,300*	100.0	59,900	100.0	57,300						
110.0	53,600*	110.0	53,100	110.0	50,700	111.5	47,600				
120.0	44,700*	120.0	47,600	120.0	45,600	120.0	43,400	124.6	39,400		
124.6	40,300*	130.0	43,000	130.0	41,100	130.0	39,200	130.0	37,300		
		137.7	39,600*	140.0	37,300	140.0	35,700	140.0	33,900	144.3	31,000
				144.3	35,900	150.0	32,600	150.0	31,100	150.0	29,500
						157.4	30,600	160.0	28,500	160.0	27,100
								164.0	27,500	170.0	25,000
										177.1	23,500
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

120' Boom

130 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)
52.4	85,000*										
55.0	84,700*										
60.0	83,900*										
65.0	82,800*										
70.0	81,000*	72.1	84,200*								
75.0	78,800*	75.0	82,700								
80.0	76,200*	80.0	79,300								
85.0	73,500*	85.0	73,300								
90.0	70,500*	90.0	68,300	91.8	63,700						
95.0	66,500*	95.0	63,900	95.0	61,100						
100.0	62,100*	100.0	59,900	100.0	57,300						
110.0	54,400*	110.0	53,100	110.0	50,700	111.5	47,600				
120.0	47,800*	120.0	47,600	120.0	45,400	120.0	43,400				
130.0	40,200*	130.0	43,000	130.0	41,000	130.0	39,000	131.2	36,800		
137.7	33,500*	140.0	39,100	140.0	37,300	140.0	35,600	140.0	33,900		
		144.3	37,600	150.0	34,200	150.0	32,400	150.0	30,900	150.9	29,100
				157.4	32,100	160.0	29,900	160.0	28,500	160.0	26,900
						164.0	28,800	170.0	26,100	170.0	24,800
								177.1	24,900	180.0	23,100
										183.7	22,400
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

140 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)
52.4	74,900*										
55.0	74,100*										
60.0	72,400*										
65.0	70,900*										
70.0	69,200*										
75.0	67,600*	78.7	71,400*								
80.0	65,900*	80.0	71,200*								
85.0	64,200*	85.0	70,300*								
90.0	62,700*	90.0	67,400								
95.0	61,100*	95.0	63,700	98.4	58,200						
100.0	59,400*	100.0	59,700	100.0	57,000						
110.0	54,300*	110.0	53,000	110.0	50,500	118.1	44,000				
120.0	48,100*	120.0	47,500	120.0	45,400	120.0	43,200				
130.0	42,700*	130.0	42,800	130.0	40,800	130.0	39,000	137.7	34,300		
140.0	35,900*	140.0	39,000	140.0	37,100	140.0	35,400	140.0	33,700		
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	32,600*	160.0	31,300	160.0	29,800	160.0	28,200	160.0	26,800
				164.0	30,400	170.0	27,400	170.0	26,100	170.0	24,800
						177.1	26,000	180.0	24,200	180.0	22,800
								183.7	23,500	190.0	21,200
										196.8	20,200
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

Luffing Jib Lift Capacities

Full Counterweights (200,900 lbs) - Carbody weights (60,400 lbs)

120' Boom

150 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*										
60.0	63,200*										
65.0	62,000*										
70.0	61,200*										
75.0	60,200*	78.7	61,500*								
80.0	59,300*	80.0	61,200*								
85.0	58,600*	85.0	60,400*								
90.0	57,500*	90.0	59,600*								
95.0	55,800*	95.0	58,700*								
100.0	53,800*	100.0	57,600	104.9	53,300						
110.0	49,900*	110.0	52,700	110.0	50,300						
120.0	46,500*	120.0	47,100	120.0	44,900	124.6	40,700				
130.0	42,600*	130.0	42,600	130.0	40,600	130.0	38,600				
140.0	38,000*	140.0	38,700	140.0	36,900	140.0	35,000	144.3	31,900		
150.0	32,100*	150.0	35,500	150.0	33,700	150.0	32,000	150.0	30,400		
157.4	27,300*	160.0	32,600	160.0	31,000	160.0	29,300	160.0	27,800	164.0	25,500
		164.0	31,500	170.0	28,500	170.0	27,200	170.0	25,600	170.0	24,300
				177.1	27,100	180.0	25,200	180.0	23,700	180.0	22,400
						183.7	24,400	190.0	22,000	190.0	20,700
								196.8	20,900	200.0	19,400
										203.4	18,900
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

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	54,000*										
60.0	53,800*										
65.0	52,800*										
70.0	51,900*										
75.0	51,100*										
80.0	50,200*										
85.0	49,400*	85.3	51,100*								
90.0	48,700*	90.0	50,300*								
95.0	47,600*	95.0	49,600*								
100.0	46,100*	100.0	48,900*	104.9	49,800*						
110.0	42,600*	110.0	46,400*	110.0	48,900*						
120.0	39,600*	120.0	43,000*	120.0	44,900						
130.0	37,100*	130.0	40,000*	130.0	40,600	131.2	38,100				
140.0	34,500*	140.0	37,400*	140.0	36,900	140.0	35,000				
150.0	31,700*	150.0	35,000*	150.0	33,700	150.0	32,000	150.9	30,200		
160.0	28,700*	160.0	32,600	160.0	31,000	160.0	29,300	160.0	27,800		
164.0	27,100*	170.0	30,100	170.0	28,500	170.0	27,000	170.0	25,600	170.6	24,200
		177.1	27,100*	180.0	26,500	180.0	25,000	180.0	23,700	180.0	22,400
				183.7	25,700	190.0	23,400	190.0	22,000	190.0	20,700
						196.8	22,200	200.0	20,500	200.0	19,400
								203.4	20,000	210.0	18,000
										216.5	17,100
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

120' Boom

170 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	53,300*										
60.0	53,200*										
65.0	52,700*										
70.0	52,200*										
75.0	51,500*										
80.0	50,400*										
85.0	48,600*	85.3	49,100*								
90.0	46,700*	90.0	47,500*								
95.0	45,000*	95.0	45,900*								
100.0	43,300*	100.0	44,200*								
110.0	39,900*	110.0	40,800*	111.5	41,000*						
120.0	36,600*	120.0	37,700*	120.0	38,400*						
130.0	33,600*	130.0	34,700*	130.0	35,600*	131.2	35,900*				
140.0	30,600*	140.0	31,800*	140.0	32,900*	140.0	33,500*				
150.0	27,800*	150.0	29,100*	150.0	30,200*	150.0	31,000*	157.4	27,700		
160.0	25,100*	160.0	26,400*	160.0	27,600*	160.0	28,500*	160.0	27,100		
170.0	22,400*	170.0	23,900*	170.0	25,200*	170.0	26,100*	170.0	25,000	177.1	22,200
177.1	20,200*	180.0	21,300*	180.0	22,700*	180.0	23,800*	180.0	23,100	180.0	21,700
		183.7	20,500*	190.0	20,300*	190.0	21,600*	190.0	21,400	190.0	20,100
				196.8	18,700*	200.0	19,400*	200.0	19,800	200.0	18,700
						203.4	18,700*	210.0	18,500	210.0	17,400
								216.5	17,100*	220.0	16,100
										223.0	15,800
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

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)
65.6	47,300*										
70.0	46,900*										
75.0	46,400*										
80.0	45,700*										
85.0	44,600*										
90.0	42,700*	91.8	43,800*								
95.0	41,000*	95.0	42,800*								
100.0	39,300*	100.0	41,100*								
110.0	36,300*	110.0	37,700*	118.1	36,800*						
120.0	33,500*	120.0	34,900*	120.0	36,300*						
130.0	31,100*	130.0	32,200*	130.0	33,600*	137.7	32,800*				
140.0	28,800*	140.0	30,100*	140.0	31,200*	140.0	32,300*				
150.0	27,000*	150.0	27,900*	150.0	29,000*	150.0	29,900*				
160.0	25,100*	160.0	26,200*	160.0	27,100*	160.0	27,900*	164.0	26,200		
170.0	23,200*	170.0	24,300*	170.0	25,400*	170.0	26,100*	170.0	24,800		
180.0	20,700*	180.0	22,100*	180.0	23,200*	180.0	24,100*	180.0	23,000	183.7	20,900
183.7	19,800*	190.0	19,900*	190.0	21,000*	190.0	22,100*	190.0	21,200	190.0	19,800
		196.8	18,200*	200.0	18,900*	200.0	20,000*	200.0	19,700	200.0	18,500
				203.4	18,200*	210.0	18,000*	210.0	18,200	210.0	17,100
						216.5	16,700*	220.0	17,000	220.0	16,000
								223.0	16,500*	230.0	14,900
										236.2	14,300
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

Luffing Jib Lift Capacities

Full Counterweights (200,900 lbs) - Carbody weights (60,400 lbs)

120' Boom

190 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)
65.6	42,700*										
70.0	42,300*										
75.0	41,800*										
80.0	41,100*										
85.0	40,100*										
90.0	38,500*	91.8	39,600*								
95.0	36,900*	95.0	38,700*								
100.0	35,500*	100.0	37,200*								
110.0	32,800*	110.0	34,100*	118.1	33,500*						
120.0	30,400*	120.0	31,700*	120.0	33,000*						
130.0	28,200*	130.0	29,300*	130.0	30,400*						
140.0	26,400*	140.0	27,300*	140.0	28,400*	144.3	28,400*				
150.0	24,600*	150.0	25,500*	150.0	26,400*	150.0	27,300*				
160.0	23,100*	160.0	23,900*	160.0	24,700*	160.0	25,500*				
170.0	21,600*	170.0	22,300*	170.0	23,200*	170.0	23,900*	170.6	24,400		
180.0	20,300*	180.0	21,000*	180.0	21,600*	180.0	22,300*	180.0	22,600		
190.0	18,500*	190.0	19,800*	190.0	20,500*	190.0	20,900*	190.0	20,900	190.2	19,600
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	16,900*	210.0	16,900*	210.0	17,800*	210.0	18,000	210.0	16,700
				216.5	15,600*	220.0	16,000*	220.0	16,700	220.0	15,700
						223.0	15,400*	230.0	15,100*	230.0	14,500
								236.2	14,100*	240.0	13,600
										242.7	13,400
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

200 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)
72.1	37,900*										
75.0	37,700*										
80.0	37,200*										
85.0	36,200*										
90.0	34,700*										
95.0	33,300*	98.4	33,900*								
100.0	32,000*	100.0	33,500*								
110.0	29,600*	110.0	31,000*								
120.0	27,600*	120.0	28,700*	124.6	28,800*						
130.0	25,700*	130.0	26,700*	130.0	27,600*						
140.0	23,900*	140.0	24,700*	140.0	25,700*						
150.0	22,400*	150.0	23,200*	150.0	23,900*	150.9	24,600*				
160.0	21,000*	160.0	21,700*	160.0	22,500*	160.0	23,100*				
170.0	19,900*	170.0	20,300*	170.0	21,000*	170.0	21,600*	177.1	21,300*		
180.0	18,600*	180.0	19,200*	180.0	19,900*	180.0	20,400*	180.0	21,000*		
190.0	17,400*	190.0	18,100*	190.0	18,700*	190.0	19,200*	190.0	19,600*	196.8	18,200
200.0	16,400*	200.0	17,000*	200.0	17,500*	200.0	18,200*	200.0	18,600*	200.0	17,800
203.4	16,000*	210.0	16,000*	210.0	16,700*	210.0	17,100*	210.0	17,600*	210.0	16,500
		216.5	14,700*	220.0	15,100*	220.0	15,900*	220.0	16,500	220.0	15,400
				223.0	14,500*	230.0	14,400*	230.0	15,100*	230.0	14,200
						236.2	13,200*	240.0	13,400*	240.0	13,200
								242.7	13,000	250.0	12,300
										255.9	11,900
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

Luffing Jib Lift Capacities

Full Counterweights (200,900 lbs) - Carbody weights (60,400 lbs)

130' 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)
32.8	142,100*																						
34.0	140,600*																						
36.0	138,000*																						
38.0	135,300*											39.3	119,000*										
40.0	132,700*											40.0	119,000*										
42.0	130,000*											42.0	119,000*										
44.0	127,300*											44.0	119,000*										
46.0	124,600*											46.0	119,000*										
48.0	122,000*											48.0	118,300*										
50.0	119,400*	52.4	127,200									50.0	117,600*										
55.0	112,800*	55.0	123,400									55.0	113,800*	59.0	116,800								
60.0	106,300*	60.0	115,100									60.0	108,000*	60.0	114,800								
65.0	99,500*	65.0	104,100									65.0	102,300*	65.0	104,000								
70.0	93,000*	70.0	94,900	72.1	87,000							70.0	96,400*	70.0	94,900	72.1	86,600						
75.0	82,100*	75.0	86,900	75.0	83,100							75.0	89,000*	75.0	86,900	75.0	82,700						
78.7	71,400*	80.0	80,000	80.0	76,600							80.0	79,900*	80.0	80,000	80.0	76,100						
		85.0	73,900	85.0	70,800	85.3	67,600					85.0	69,000*	85.0	73,900	85.0	70,400						
		90.0	68,800	90.0	65,900	90.0	63,400					85.3	68,300*	90.0	69,000	90.0	65,600	91.8	61,500				
		91.8	67,000	95.0	61,600	95.0	59,300							95.0	64,600	95.0	61,400	95.0	59,000				
				98.4	58,800	100.0	55,500	104.9	49,600					98.4	61,700	100.0	57,500	100.0	55,300				
						110.0	49,200	110.0	46,900	118.1	41,000					110.0	50,900	110.0	49,100	111.5	45,600		
						111.5	48,200	120.0	41,900	120.0	40,200					111.5	50,000	118.1	44,900	120.0	41,500	124.6	38,100
								124.6	39,900	130.0	36,300									130.0	37,400	130.0	36,100
										131.2	35,900									131.2	37,000	140.0	32,800
																						144.3	31,500
Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	6	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

130' 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	119,000*																						
40.0	119,000*																						
42.0	119,000*																						
44.0	119,000*											45.9	119,000*										
46.0	119,000*											46.0	119,000*										
48.0	118,300*											48.0	117,600*										
50.0	117,600*											50.0	116,300*										
55.0	113,800*	59.0	115,700									55.0	111,900*										
60.0	108,000*	60.0	113,800									60.0	106,600*										
65.0	102,300*	65.0	103,700									65.0	101,700*	65.6	101,800								
70.0	96,600*	70.0	94,700									70.0	96,600*	70.0	94,300								
75.0	89,600*	75.0	86,700	78.7	77,100							75.0	90,000*	75.0	86,500								
80.0	82,000*	80.0	79,800	80.0	75,700							80.0	82,700*	80.0	79,600								
85.0	75,100*	85.0	73,700	85.0	70,000							85.0	76,200*	85.0	73,500	85.3	69,600						
90.0	67,300*	90.0	68,800	90.0	65,200							90.0	70,400*	90.0	68,600	90.0	65,200						
95.0	58,800*	95.0	64,300	95.0	60,900	98.4	55,900					95.0	64,700*	95.0	64,100	95.0	60,900						
98.4	52,900*	100.0	60,300	100.0	57,000	100.0	54,900					100.0	58,600*	100.0	60,100	100.0	57,000	104.9	51,300				
		110.0	53,400	110.0	50,700	110.0	48,700	111.5	44,900			104.9	51,500*	110.0	53,400	110.0	50,700	110.0	48,500	118.1	41,800		
		111.5	52,400	118.1	46,200	120.0	43,700	120.0	41,000					118.1	48,700	120.0	45,400	120.0	43,400	120.0	41,000		
						130.0	39,500	130.0	37,000	131.2	35,200					130.0	41,000	130.0	39,200	130.0	37,000	137.7	32,800
						131.2	39,000	140.0	33,700	140.0	32,400					131.2	40,500	137.7	36,300	140.0	33,700	140.0	32,100
								144.3	32,400	150.0	29,700									150.0	30,800	150.0	29,300
										150.9	29,500									150.9	30,600	160.0	27,000
																						164.0	26,200
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

Luffing Jib Lift Capacities

Full Counterweights (200,900 lbs) - Carbody weights (60,400 lbs)

130' Boom

110 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)
45.9	106,900*										
46.0	106,900*										
48.0	106,600*										
50.0	106,300*										
55.0	105,100*										
60.0	103,100*										
65.0	99,200*	65.6	101,600								
70.0	95,500*	70.0	93,900								
75.0	89,700*	75.0	86,000								
80.0	82,600*	80.0	79,200								
85.0	76,400*	85.0	73,300	85.3	69,200						
90.0	70,600*	90.0	68,300	90.0	64,800						
95.0	65,500*	95.0	63,900	95.0	60,500						
100.0	60,800*	100.0	59,900	100.0	56,700	104.9	50,900				
110.0	50,900*	110.0	53,000	110.0	50,300	110.0	48,000				
118.1	41,400*	120.0	47,600	120.0	45,000	120.0	43,000	124.6	38,500		
		124.6	45,400	130.0	40,600	130.0	38,800	130.0	36,600		
				137.7	37,600	140.0	35,400	140.0	33,200	144.3	30,400
						150.0	32,400	150.0	30,400	150.0	28,900
						150.9	32,100	160.0	27,900	160.0	26,600
								164.0	27,100	170.0	24,500
										170.6	24,400
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

120 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)
52.4	89,200*										
55.0	89,200*										
60.0	89,200*										
65.0	89,200*										
70.0	87,800*	72.1	89,200								
75.0	84,900*	75.0	85,400								
80.0	80,800*	80.0	78,900								
85.0	76,300*	85.0	73,100								
90.0	71,300*	90.0	68,000	91.8	63,000						
95.0	66,300*	95.0	63,500	95.0	60,500						
100.0	61,700*	100.0	59,500	100.0	56,700						
110.0	53,800*	110.0	52,700	110.0	50,300	111.5	46,900				
120.0	45,100*	120.0	47,300	120.0	44,900	120.0	42,800				
124.6	40,700*	130.0	42,800	130.0	40,600	130.0	38,600	131.2	36,100		
		137.7	39,600	140.0	36,900	140.0	35,000	140.0	33,200		
				150.0	33,700	150.0	32,000	150.0	30,200	150.9	28,400
				150.9	33,500	157.4	30,200	160.0	27,800	160.0	26,300
								170.0	25,600	170.0	24,100
								170.6	25,500	180.0	22,400
										183.7	21,800
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

130' Boom

130 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)
52.4	82,400*										
55.0	82,100*										
60.0	81,400*										
65.0	80,700*										
70.0	80,000*	72.1	81,700*								
75.0	78,600*	75.0	81,200								
80.0	76,400*	80.0	78,900								
85.0	73,500*	85.0	73,100								
90.0	70,500*	90.0	68,000								
95.0	66,700*	95.0	63,500	98.4	57,700						
100.0	62,300*	100.0	59,500	100.0	56,700						
110.0	54,400*	110.0	52,700	110.0	50,300	118.1	43,400				
120.0	47,900*	120.0	47,300	120.0	44,900	120.0	42,600				
130.0	40,400*	130.0	42,800	130.0	40,600	130.0	38,400	137.7	33,700		
137.7	33,900*	140.0	38,900	140.0	36,900	140.0	35,000	140.0	33,000		
		144.3	37,400	150.0	33,700	150.0	32,000	150.0	30,200	157.4	26,600
				157.4	31,700	160.0	29,300	160.0	27,800	160.0	26,100
						170.0	27,200	170.0	25,600	170.0	24,100
						170.6	27,100	177.1	24,200	180.0	22,200
										190.0	20,700
										190.2	20,700
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

140 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)
52.4	74,000*										
55.0	73,500*										
60.0	72,400*										
65.0	70,900*										
70.0	69,200*										
75.0	67,700*	78.7	71,600*								
80.0	66,100*	80.0	71,300*								
85.0	64,400*	85.0	70,300*								
90.0	62,700*	90.0	67,300								
95.0	61,200*	95.0	63,500	98.4	57,500						
100.0	59,600*	100.0	59,400	100.0	56,400						
110.0	54,600*	110.0	52,700	110.0	50,000						
120.0	48,300*	120.0	47,100	120.0	44,800	124.6	40,300				
130.0	43,100*	130.0	42,600	130.0	40,400	130.0	38,300				
140.0	36,300*	140.0	38,800	140.0	36,800	140.0	34,800	144.3	31,500		
144.3	33,200*	150.0	35,500	150.0	33,700	150.0	31,800	150.0	30,000		
		157.4	33,500	160.0	30,900	160.0	29,300	160.0	27,600	164.0	25,100
				170.0	28,500	170.0	27,000	170.0	25,400	170.0	23,900
				170.6	28,400	177.1	25,500	180.0	23,500	180.0	22,200
								190.0	21,800	190.0	20,500
								190.2	21,800	200.0	19,100
										203.4	18,700
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

Luffing Jib Lift Capacities

Full Counterweights (200,900 lbs) - Carbody weights (60,400 lbs)

130' Boom

150 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*										
60.0	63,300*										
65.0	62,200*										
70.0	61,200*										
75.0	60,200*	78.7	61,700*								
80.0	59,300*	80.0	61,500*								
85.0	58,600*	85.0	60,600*								
90.0	57,500*	90.0	59,800*								
95.0	55,800*	95.0	58,900*								
100.0	53,800*	100.0	57,700	104.9	52,600						
110.0	50,100*	110.0	52,300	110.0	49,600						
120.0	46,500*	120.0	46,900	120.0	44,500	124.6	40,100				
130.0	42,800*	130.0	42,400	130.0	40,100	130.0	37,900				
140.0	38,200*	140.0	38,500	140.0	36,500	140.0	34,500				
150.0	32,500*	150.0	35,300	150.0	33,300	150.0	31,500	150.9	29,300		
157.4	27,500*	160.0	32,300	160.0	30,600	160.0	28,900	160.0	27,100		
		164.0	31,300	170.0	28,300	170.0	26,500	170.0	25,000	170.6	23,300
				177.1	26,600	180.0	24,600	180.0	23,100	180.0	21,700
						190.0	22,900	190.0	21,400	190.0	20,100
						190.2	22,900	196.8	20,500	200.0	18,700
										209.9	17,400
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

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	54,000*										
60.0	53,800*										
65.0	52,800*										
70.0	51,900*										
75.0	51,100*										
80.0	50,200*										
85.0	49,400*	85.3	51,300*								
90.0	48,700*	90.0	50,500*								
95.0	47,600*	95.0	49,700*								
100.0	46,100*	100.0	48,900*								
110.0	42,600*	110.0	46,700*	111.5	48,900						
120.0	39,600*	120.0	43,200*	120.0	44,500						
130.0	37,100*	130.0	40,200*	130.0	40,100	131.2	37,400				
140.0	34,500*	140.0	37,600*	140.0	36,500	140.0	34,500				
150.0	31,700*	150.0	35,200	150.0	33,300	150.0	31,500	157.4	27,700		
160.0	28,900*	160.0	32,300	160.0	30,700	160.0	28,900	160.0	27,100		
164.0	27,300*	170.0	29,900	170.0	28,300	170.0	26,500	170.0	25,000	177.1	22,200
		177.1	27,900*	180.0	26,100	180.0	24,600	180.0	23,100	180.0	21,700
				190.0	24,300	190.0	22,900	190.0	21,400	190.0	20,100
				190.2	24,200	196.8	21,800	200.0	19,900	200.0	18,700
								209.9	18,500	210.0	17,400
										216.5	16,500
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

130' Boom

170 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)
65.6	51,500*										
70.0	51,200*										
75.0	50,800*										
80.0	50,000*										
85.0	48,300*	85.3	48,700*								
90.0	46,500*	90.0	47,100*								
95.0	44,800*	95.0	45,400*								
100.0	43,100*	100.0	43,700*								
110.0	39,700*	110.0	40,500*	111.5	40,700*						
120.0	36,400*	120.0	37,500*	120.0	38,200*						
130.0	33,400*	130.0	34,500*	130.0	35,300*	137.7	33,700*				
140.0	30,400*	140.0	31,500*	140.0	32,400*	140.0	33,200*				
150.0	27,800*	150.0	28,900*	150.0	29,900*	150.0	30,600*	157.4	27,100		
160.0	25,100*	160.0	26,400*	160.0	27,400*	160.0	28,200	160.0	26,500		
170.0	22,400*	170.0	23,900*	170.0	25,000*	170.0	25,900	170.0	24,300		
177.1	20,200*	180.0	21,300*	180.0	22,700*	180.0	23,800*	180.0	22,400	183.7	20,500
		183.7	20,500*	190.0	20,300*	190.0	21,600*	190.0	20,700	190.0	19,400
				196.8	18,700*	200.0	19,400*	200.0	19,400	200.0	18,000
						209.9	17,100*	210.0	18,000	210.0	16,700
								216.5	17,100	220.0	15,500
										229.6	14,500
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

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)
65.6	46,500*										
70.0	46,000*										
75.0	45,500*										
80.0	45,000*										
85.0	44,500*										
90.0	42,700*	91.8	43,600*								
95.0	40,900*	95.0	42,700*								
100.0	39,200*	100.0	41,100*								
110.0	36,100*	110.0	37,700*	118.1	36,800*						
120.0	33,500*	120.0	34,900*	120.0	36,300*						
130.0	31,100*	130.0	32,200*	130.0	33,600*						
140.0	28,800*	140.0	29,900*	140.0	31,200*	144.3	31,300*				
150.0	27,000*	150.0	27,900*	150.0	29,000*	150.0	29,900*				
160.0	25,100*	160.0	26,100*	160.0	27,000*	160.0	27,900	164.0	25,300		
170.0	23,200*	170.0	24,300*	170.0	25,200*	170.0	25,900	170.0	24,100		
180.0	20,700*	180.0	22,000*	180.0	23,000*	180.0	23,800	180.0	22,300		
183.7	19,800*	190.0	19,800*	190.0	21,000*	190.0	21,800	190.0	20,700	190.2	19,100
		196.8	18,200*	200.0	18,900*	200.0	19,800*	200.0	19,100	200.0	17,800
				209.9	16,700*	210.0	18,000*	210.0	17,800	210.0	16,500
						216.5	16,700*	220.0	16,600	220.0	15,400
								229.6	15,200*	230.0	14,200
										236.2	13,600
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

Luffing Jib Lift Capacities

Full Counterweights (200,900 lbs) - Carbody weights (60,400 lbs)

130' Boom

190 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)
65.6	41,800*										
70.0	41,400*										
75.0	40,900*										
80.0	40,400*										
85.0	39,900*										
90.0	38,400*										
95.0	36,900*	98.4	37,400*								
100.0	35,400*	100.0	37,000*								
110.0	32,700*	110.0	34,100*								
120.0	30,400*	120.0	31,500*	124.6	31,700*						
130.0	28,200*	130.0	29,300*	130.0	30,400*						
140.0	26,300*	140.0	27,300*	140.0	28,200*	144.3	28,400*				
150.0	24,600*	150.0	25,500*	150.0	26,300*	150.0	27,300*				
160.0	23,000*	160.0	23,800*	160.0	24,700*	160.0	25,300*				
170.0	21,600*	170.0	22,300*	170.0	23,000*	170.0	23,800*	170.6	23,800		
180.0	20,300*	180.0	21,000*	180.0	21,600*	180.0	22,300*	180.0	22,000		
190.0	18,500*	190.0	19,600*	190.0	20,300*	190.0	20,900*	190.0	20,300	196.8	17,800
196.8	16,900*	200.0	17,600*	200.0	18,700*	200.0	19,400*	200.0	18,700	200.0	17,400
		203.4	16,900*	210.0	16,900*	210.0	17,600*	210.0	17,400	210.0	16,000
				216.5	15,600*	220.0	15,900*	220.0	16,200	220.0	14,900
						229.6	14,100*	230.0	15,100	230.0	13,800
								236.2	14,100*	240.0	12,800
										249.3	12,100
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

200 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)
72.1	37,200*										
75.0	37,000*										
80.0	36,600*										
85.0	35,900*										
90.0	34,600*										
95.0	33,300*	98.4	33,900*								
100.0	32,000*	100.0	33,500*								
110.0	29,600*	110.0	30,800*								
120.0	27,400*	120.0	28,600*	124.6	28,600*						
130.0	25,600*	130.0	26,600*	130.0	27,500*						
140.0	23,800*	140.0	24,700*	140.0	25,600*						
150.0	22,300*	150.0	23,000*	150.0	23,900*	150.9	24,600*				
160.0	21,000*	160.0	21,700*	160.0	22,300*	160.0	23,100*				
170.0	19,700*	170.0	20,300*	170.0	21,000*	170.0	21,600*	177.1	21,100*		
180.0	18,600*	180.0	19,200*	180.0	19,700*	180.0	20,300*	180.0	20,700*		
190.0	17,400*	190.0	18,100*	190.0	18,500*	190.0	19,200*	190.0	19,600*		
200.0	15,800*	200.0	17,000*	200.0	17,500*	200.0	17,900*	200.0	18,400	203.4	16,700
203.4	14,700*	210.0	15,800*	210.0	16,500*	210.0	16,900*	210.0	17,100	210.0	15,800
		216.5	14,700*	220.0	15,000*	220.0	15,800*	220.0	15,900	220.0	14,600
				223.0	14,500*	230.0	14,200*	230.0	14,900	230.0	13,600
						236.2	13,200*	240.0	13,300*	240.0	12,600
								249.3	11,900*	250.0	11,600
										255.9	11,200
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

Luffing Jib Lift Capacities

Full Counterweights (200,900 lbs) - Carbody weights (60,400 lbs)

140' Boom

70 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)
39.3	119,000*										
40.0	119,000*										
42.0	119,000*										
44.0	119,000*										
46.0	119,000*										
48.0	118,500*										
50.0	118,000*	52.4	119,000								
55.0	114,100*	55.0	118,200								
60.0	107,400*	60.0	114,700								
65.0	100,800*	65.0	103,600								
70.0	94,100*	70.0	94,400	72.1	86,100						
75.0	83,200*	75.0	86,500	75.0	82,300						
78.7	72,500*	80.0	79,600	80.0	75,700						
		85.0	73,700	85.0	70,000						
		90.0	68,600	90.0	65,200	91.8	60,600				
		91.8	66,700	95.0	60,900	95.0	58,300				
				100.0	57,100	100.0	54,700	104.9	48,500		
				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

80 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)
39.3	119,000*										
40.0	119,000*										
42.0	119,000*										
44.0	119,000*										
46.0	119,000*										
48.0	118,800*										
50.0	118,600*										
55.0	115,300*	59.0	116,400								
60.0	109,200*	60.0	114,300								
65.0	103,000*	65.0	103,600								
70.0	96,900*	70.0	94,400								
75.0	89,600*	75.0	86,500	78.7	76,700						
80.0	80,600*	80.0	79,600	80.0	75,300						
85.0	69,800*	85.0	73,700	85.0	69,700						
85.3	69,200*	90.0	68,600	90.0	65,000	91.8	60,600				
		95.0	64,100	95.0	60,700	95.0	58,200				
		98.4	61,200	100.0	56,800	100.0	54,400				
				110.0	50,300	110.0	48,200	111.5	44,500		
				111.5	49,300	120.0	43,200	120.0	40,400		
						124.6	41,200	130.0	36,600	131.2	34,600
								137.7	33,900	140.0	31,800
										144.3	30,600
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

140' Boom

90 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)
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

100 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)
45.9	115,900*										
46.0	115,900*										
48.0	114,700*										
50.0	113,500*										
55.0	109,800*										
60.0	105,400*										
65.0	100,800*	65.6	101,400								
70.0	96,300*	70.0	93,900								
75.0	90,000*	75.0	86,000								
80.0	82,800*	80.0	79,200								
85.0	76,600*	85.0	73,300	85.3	69,000						
90.0	70,700*	90.0	68,200	90.0	64,500						
95.0	65,000*	95.0	63,700	95.0	60,300						
100.0	59,100*	100.0	59,700	100.0	56,400	104.9	50,400				
104.9	52,200*	110.0	53,000	110.0	50,000	110.0	47,600				
		118.1	48,500	120.0	44,800	120.0	42,600	124.6	38,100		
				130.0	40,600	130.0	38,500	130.0	36,100		
				131.2	40,100	140.0	35,000	140.0	32,800	144.3	29,900
						144.3	33,700	150.0	30,000	150.0	28,400
								157.4	28,200	160.0	26,100
										164.0	25,300
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

Luffing Jib Lift Capacities

Full Counterweights (200,900 lbs) - Carbody weights (60,400 lbs)

140' Boom

110 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)
45.9	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								
70.0	89,200*	70.0	89,200								
75.0	87,100*	75.0	85,300								
80.0	82,600*	80.0	78,700								
85.0	76,400*	85.0	72,800								
90.0	70,800*	90.0	67,900	91.8	62,300						
95.0	65,700*	95.0	63,500	95.0	59,800						
100.0	61,000*	100.0	59,500	100.0	56,000						
110.0	51,300*	110.0	52,700	110.0	49,600	111.5	46,200				
118.1	42,100*	120.0	47,300	120.0	44,500	120.0	42,300				
		130.0	42,800	130.0	40,100	130.0	38,100	131.2	35,200		
		131.2	42,300	140.0	36,500	140.0	34,700	140.0	32,400		
				144.3	35,000	150.0	31,700	150.0	29,500	150.9	27,700
						150.9	31,500	160.0	27,100	160.0	25,700
								164.0	26,200	170.0	23,700
										177.1	22,400
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

120 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)
52.4	89,200*										
55.0	89,200*										
60.0	88,800*										
65.0	86,400*	65.6	89,200								
70.0	84,200*	70.0	83,100								
75.0	81,600*	75.0	76,700								
80.0	78,300*	80.0	71,000								
85.0	74,300*	85.0	66,200								
90.0	70,700*	90.0	61,900	91.8	62,300						
95.0	66,400*	95.0	58,100	95.0	59,800						
100.0	61,900*	100.0	54,700	100.0	56,000						
110.0	54,000*	110.0	48,800	110.0	49,600	118.1	42,700				
120.0	45,600*	120.0	43,900	120.0	44,500	120.0	41,900				
124.6	41,200*	130.0	39,900	130.0	40,100	130.0	37,900	137.7	33,000		
		131.2	39,400	140.0	36,500	140.0	34,300	140.0	32,400		
				150.0	33,300	150.0	31,300	150.0	29,500	157.4	25,700
				150.9	33,000	160.0	28,900	160.0	27,000	160.0	25,200
						164.0	27,900	170.0	25,000	170.0	23,200
								177.1	23,500	180.0	21,500
										183.7	20,900
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

140' Boom

130 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)
52.4	79,800*										
55.0	79,500*										
60.0	79,000*										
65.0	78,300*										
70.0	77,600*	72.1	79,300*								
75.0	76,200*	75.0	78,900								
80.0	74,200*	80.0	77,200								
85.0	72,200*	85.0	72,500								
90.0	70,100*	90.0	67,700								
95.0	66,700*	95.0	63,200	98.4	57,000						
100.0	62,400*	100.0	59,200	100.0	56,000						
110.0	54,700*	110.0	52,500	110.0	49,600	118.1	42,700				
120.0	48,200*	120.0	47,100	120.0	44,500	120.0	41,900				
130.0	40,900*	130.0	42,600	130.0	40,100	130.0	37,700	137.7	32,800		
137.7	34,300*	140.0	38,700	140.0	36,500	140.0	34,300	140.0	32,100		
		150.0	35,300	150.0	33,300	150.0	31,300	150.0	29,300		
		150.9	35,000	157.4	31,300	160.0	28,700	160.0	26,900	164.0	24,400
						170.0	26,500	170.0	24,800	170.0	23,200
						170.6	26,400	180.0	23,100	180.0	21,500
								183.7	22,400	190.0	19,800
										196.8	18,900
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

140 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)
52.4	71,800*										
55.0	71,600*										
60.0	71,100*										
65.0	70,600*										
70.0	69,200*										
75.0	67,700*	78.7	70,700*								
80.0	66,100*	80.0	70,600*								
85.0	64,400*	85.0	70,100*								
90.0	62,700*	90.0	66,900								
95.0	61,200*	95.0	63,000								
100.0	59,600*	100.0	59,000	104.9	52,400						
110.0	54,700*	110.0	52,300	110.0	49,400						
120.0	48,500*	120.0	46,900	120.0	44,300	124.6	39,600				
130.0	43,100*	130.0	42,400	130.0	39,900	130.0	37,700				
140.0	36,500*	140.0	38,600	140.0	36,300	140.0	34,100	144.3	30,800		
144.3	33,500*	150.0	35,300	150.0	33,300	150.0	31,100	150.0	29,300		
		157.4	33,200	160.0	30,600	160.0	28,700	160.0	26,800		
				170.0	28,100	170.0	26,300	170.0	24,800	170.6	22,900
				170.6	27,900	180.0	24,500	180.0	22,800	180.0	21,300
						183.7	23,800	190.0	21,200	190.0	19,600
								196.8	20,200	200.0	18,300
										203.4	17,800
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

Luffing Jib Lift Capacities

Full Counterweights (200,900 lbs) - Carbody weights (60,400 lbs)

140' Boom

150 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*										
60.0	63,300*										
65.0	62,200*										
70.0	61,200*										
75.0	60,200*										
80.0	59,300*										
85.0	58,600*	85.3	60,600*								
90.0	57,500*	90.0	59,800*								
95.0	55,800*	95.0	59,100*								
100.0	53,800*	100.0	57,700	104.9	52,000						
110.0	50,100*	110.0	52,000	110.0	49,100						
120.0	46,500*	120.0	46,600	120.0	43,900						
130.0	42,800*	130.0	42,100	130.0	39,700	131.2	36,800				
140.0	38,300*	140.0	38,200	140.0	36,000	140.0	33,700				
150.0	32,700*	150.0	35,100	150.0	32,900	150.0	30,800	150.9	28,600		
157.4	27,900*	160.0	32,100	160.0	30,200	160.0	28,200	160.0	26,300		
		170.0	29,200	170.0	27,900	170.0	26,100	170.0	24,300	177.1	21,300
		170.6	29,100*	177.1	26,400	180.0	24,100	180.0	22,400	180.0	20,900
						190.0	22,300	190.0	20,700	190.0	19,200
						190.2	22,200	200.0	19,400	200.0	17,800
								203.4	18,900	210.0	16,700
										216.5	16,000
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

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	54,000*										
60.0	53,800*										
65.0	52,800*										
70.0	51,900*										
75.0	51,100*										
80.0	50,200*										
85.0	49,400*	85.3	51,500*								
90.0	48,700*	90.0	50,700*								
95.0	47,600*	95.0	49,900*								
100.0	46,200*	100.0	49,100*								
110.0	42,800*	110.0	47,100*	111.5	48,200						
120.0	39,800*	120.0	43,600*	120.0	44,000						
130.0	37,100*	130.0	40,400*	130.0	39,700	137.7	34,600				
140.0	34,500*	140.0	37,800	140.0	36,000	140.0	33,800				
150.0	31,700*	150.0	35,100	150.0	32,900	150.0	30,800	157.4	26,800		
160.0	29,200*	160.0	32,200	160.0	30,200	160.0	28,200	160.0	26,300		
164.0	27,700*	170.0	29,700	170.0	27,900	170.0	26,100	170.0	24,300		
		177.1	28,200	180.0	25,800	180.0	24,100	180.0	22,400	183.7	20,200
				190.0	24,000	190.0	22,300	190.0	20,700	190.0	19,200
				190.2	24,000	200.0	20,700	200.0	19,400	200.0	17,800
						203.4	20,000	209.9	18,000	210.0	16,700
										220.0	15,500
										223.0	15,200
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

140' Boom

170 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)
65.6	50,400*										
70.0	50,000*										
75.0	49,500*										
80.0	48,900*										
85.0	47,900*										
90.0	46,200*	91.8	46,000*								
95.0	44,500*	95.0	45,000*								
100.0	42,900*	100.0	43,300*								
110.0	39,500*	110.0	40,200*	118.1	38,300*						
120.0	36,200*	120.0	37,100*	120.0	37,700*						
130.0	33,200*	130.0	34,200*	130.0	34,900*	137.7	33,200*				
140.0	30,400*	140.0	31,300*	140.0	32,200*	140.0	32,700				
150.0	27,500*	150.0	28,600*	150.0	29,700*	150.0	30,200				
160.0	24,800*	160.0	26,200*	160.0	27,100*	160.0	27,600	164.0	24,900		
170.0	22,200*	170.0	23,700*	170.0	24,800*	170.0	25,400	170.0	23,700		
177.1	20,200*	180.0	21,300*	180.0	22,500*	180.0	23,400	180.0	21,700		
		190.0	18,800*	190.0	20,300*	190.0	21,400*	190.0	20,100	190.2	18,500
		190.2	18,700*	196.8	18,700*	200.0	19,200*	200.0	18,700	200.0	17,200
						209.9	17,100*	210.0	17,400	210.0	16,000
								220.0	16,000	220.0	14,800
								223.0	15,600	230.0	13,600
										236.2	13,200
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

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)
65.6	45,400*										
70.0	44,900*										
75.0	44,400*										
80.0	43,900*										
85.0	43,400*										
90.0	42,300*	91.8	43,400*								
95.0	40,800*	95.0	42,500*								
100.0	39,100*	100.0	41,000*								
110.0	36,100*	110.0	37,700*	118.1	36,800*						
120.0	33,400*	120.0	34,700*	120.0	36,200*						
130.0	30,900*	130.0	32,200*	130.0	33,400*						
140.0	28,800*	140.0	29,900*	140.0	31,000*	144.3	30,800*				
150.0	26,800*	150.0	27,900*	150.0	28,800*	150.0	29,700*				
160.0	25,100*	160.0	26,000*	160.0	26,900*	160.0	27,400				
170.0	23,000*	170.0	24,100*	170.0	24,800*	170.0	25,200	170.6	23,300		
180.0	20,700*	180.0	21,900*	180.0	22,700*	180.0	23,300	180.0	21,500		
183.7	19,800*	190.0	19,600*	190.0	20,700*	190.0	21,600	190.0	20,100	196.8	17,400
		196.8	18,200*	200.0	18,700*	200.0	19,600*	200.0	18,500	200.0	16,900
				209.9	16,700*	210.0	17,800*	210.0	17,100	210.0	15,800
						220.0	15,900*	220.0	16,000	220.0	14,600
						223.0	15,400*	229.6	14,900	230.0	13,600
										240.0	12,600
										242.7	12,300
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

Luffing Jib Lift Capacities

Full Counterweights (200,900 lbs) - Carbody weights (60,400 lbs)

140' Boom

190 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)
65.6	41,200*										
70.0	40,700*										
75.0	40,200*										
80.0	39,700*										
85.0	39,200*										
90.0	38,100*										
95.0	36,700*	98.4	37,400*								
100.0	35,200*	100.0	37,000*								
110.0	32,600*	110.0	34,100*								
120.0	30,200*	120.0	31,500*	124.6	31,700*						
130.0	28,000*	130.0	29,100*	130.0	30,300*						
140.0	26,300*	140.0	27,100*	140.0	28,200*						
150.0	24,600*	150.0	25,500*	150.0	26,100*	150.9	26,800*				
160.0	23,000*	160.0	23,800*	160.0	24,400*	160.0	25,300*				
170.0	21,400*	170.0	22,300*	170.0	23,000*	170.0	23,600*	177.1	21,800		
180.0	20,300*	180.0	21,000*	180.0	21,600*	180.0	22,200*	180.0	21,300		
190.0	18,500*	190.0	19,600*	190.0	20,300*	190.0	20,700*	190.0	19,600	196.8	16,900
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	16,900*	210.0	16,700*	210.0	17,400*	210.0	16,900	210.0	15,200
				216.5	15,400*	220.0	15,700*	220.0	15,700	220.0	14,200
						229.6	14,100*	230.0	14,700	230.0	12,900
								240.0	13,200*	240.0	12,100
								242.7	12,700*	250.0	11,100
										255.9	10,800
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

200 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)
72.1	36,500*										
75.0	36,400*										
80.0	36,000*										
85.0	35,700*										
90.0	34,400*										
95.0	33,100*	98.4	33,700*								
100.0	31,800*	100.0	33,300*								
110.0	29,400*	110.0	30,700*								
120.0	27,300*	120.0	28,400*								
130.0	25,500*	130.0	26,400*	131.2	27,300*						
140.0	23,800*	140.0	24,700*	140.0	25,600*						
150.0	22,300*	150.0	23,000*	150.0	23,900*	157.4	23,300*				
160.0	20,900*	160.0	21,700*	160.0	22,300*	160.0	23,000*				
170.0	19,700*	170.0	20,300*	170.0	21,000*	170.0	21,400*				
180.0	18,500*	180.0	19,100*	180.0	19,600*	180.0	20,200*	183.7	20,200		
190.0	17,400*	190.0	18,100*	190.0	18,500*	190.0	18,900*	190.0	19,200		
200.0	14,500*	200.0	17,000*	200.0	17,500*	200.0	17,900*	200.0	17,800	203.4	15,800
203.4	13,400*	210.0	15,800*	210.0	16,500*	210.0	16,900*	210.0	16,500	210.0	14,900
		216.5	14,500*	220.0	14,800*	220.0	15,500*	220.0	15,400	220.0	13,700
				229.6	13,200*	230.0	14,000*	230.0	14,200	230.0	12,700
						240.0	12,300*	240.0	13,100	240.0	11,700
						242.7	11,900*	249.3	11,600*	250.0	10,900
										260.0	10,000
										262.4	9,900
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

Luffing Jib Lift Capacities

Full Counterweights (200,900 lbs) - Carbody weights (60,400 lbs)

150' Boom

70 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)
39.3	119,000*										
40.0	119,000*										
42.0	119,000*										
44.0	119,000*										
46.0	119,000*										
48.0	118,300*										
50.0	117,600*	52.4	119,000								
55.0	113,700*	55.0	118,000								
60.0	107,400*	60.0	114,300								
65.0	100,800*	65.0	103,200								
70.0	94,900*	70.0	94,000	72.1	85,300						
75.0	84,300*	75.0	86,000	75.0	81,500						
78.7	73,600*	80.0	79,200	80.0	75,000						
		85.0	73,300	85.0	69,300						
		90.0	68,200	90.0	64,500	91.8	59,700				
		91.8	66,300	95.0	60,400	95.0	57,400				
				100.0	56,600	100.0	53,800				
				104.9	53,100	110.0	47,800	111.5	44,000		
						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
										144.3	29,900
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

80 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)
39.3	119,000*										
40.0	119,000*										
42.0	119,000*										
44.0	119,000*										
46.0	118,900*										
48.0	116,900*										
50.0	114,900*										
55.0	110,000*	59.0	115,900								
60.0	105,400*	60.0	113,900								
65.0	100,800*	65.0	103,100								
70.0	96,100*	70.0	94,000								
75.0	89,600*	75.0	86,000	78.7	76,000						
80.0	81,100*	80.0	79,200	80.0	74,600						
85.0	70,700*	85.0	73,300	85.0	68,900						
85.3	70,100*	90.0	68,300	90.0	64,300						
		95.0	63,900	95.0	60,000	98.4	54,600				
		98.4	61,000	100.0	56,200	100.0	53,600				
				110.0	49,800	110.0	47,600	118.1	40,500		
				111.5	48,900	120.0	42,600	120.0	39,700		
						124.6	40,500	130.0	35,700	131.2	33,700
								137.7	33,200	140.0	31,000
										150.0	28,200
										150.9	27,900
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

150' Boom

90 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)
39.3	108,000*										
40.0	107,700*										
42.0	106,600*										
44.0	105,600*										
46.0	104,600*										
48.0	103,600*										
50.0	102,600*										
55.0	100,200*										
60.0	97,800*										
65.0	95,300*	65.6	100,700								
70.0	92,800*	70.0	93,300								
75.0	88,400*	75.0	85,700								
80.0	82,500*	80.0	78,900								
85.0	75,800*	85.0	73,100	85.3	68,300						
90.0	68,400*	90.0	68,100	90.0	63,900						
95.0	60,300*	95.0	63,700	95.0	59,600						
98.4	54,400*	100.0	59,600	100.0	55,800	104.9	50,000				
		110.0	52,900	110.0	49,400	110.0	47,100				
		111.5	52,000	120.0	44,300	120.0	42,300	124.6	37,200		
				124.6	42,300	130.0	38,100	130.0	35,200	137.7	31,000
						137.7	35,400	140.0	32,100	140.0	30,400
								150.0	29,300	150.0	27,900
								150.9	29,100	160.0	25,600
										164.0	24,600
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

100 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)
45.9	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								
70.0	89,200*	70.0	89,200								
75.0	87,100*	75.0	85,300								
80.0	82,600*	80.0	78,700								
85.0	76,600*	85.0	72,800	85.3	68,300						
90.0	70,900*	90.0	67,900	90.0	63,900						
95.0	65,500*	95.0	63,500	95.0	59,600						
100.0	59,700*	100.0	59,500	100.0	55,800	104.9	49,800				
104.9	52,900*	110.0	52,700	110.0	49,600	110.0	46,900				
		118.1	48,200	120.0	44,300	120.0	41,900	124.6	37,200		
				130.0	40,100	130.0	37,900	130.0	35,200		
				131.2	39,600	140.0	34,500	140.0	32,000	144.3	29,100
						144.3	33,000	150.0	29,300	150.0	27,500
								157.4	27,500	160.0	25,200
										170.0	23,200
										170.6	23,100
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

Luffing Jib Lift Capacities

Full Counterweights (200,900 lbs) - Carbody weights (60,400 lbs)

150' Boom

110 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)
45.9	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*										
70.0	86,300*	72.1	88,800								
75.0	82,800*	75.0	85,100								
80.0	79,400*	80.0	78,700								
85.0	76,000*	85.0	72,800								
90.0	70,900*	90.0	67,900	91.8	61,700						
95.0	65,900*	95.0	63,500	95.0	59,100						
100.0	61,200*	100.0	59,400	100.0	55,300						
110.0	51,700*	110.0	52,700	110.0	49,100	111.5	45,800				
118.1	42,500*	120.0	47,300	120.0	43,900	120.0	41,900				
		130.0	42,600	130.0	39,700	130.0	37,700	131.2	34,300		
		131.2	42,100	140.0	36,000	140.0	34,300	140.0	31,500		
				144.3	34,600	150.0	31,300	150.0	28,900	150.9	27,100
						157.4	29,500	160.0	26,500	160.0	25,200
								170.0	24,300	170.0	23,200
								170.6	24,200	180.0	21,400
										183.7	20,900
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

120 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)
52.4	86,800*										
55.0	86,500*										
60.0	85,600*										
65.0	83,700*										
70.0	81,100*	72.1	87,300								
75.0	78,400*	75.0	84,000								
80.0	75,600*	80.0	78,300								
85.0	72,900*	85.0	72,600								
90.0	70,200*	90.0	67,500								
95.0	66,400*	95.0	63,100	98.4	56,400						
100.0	62,100*	100.0	59,200	100.0	55,300						
110.0	54,200*	110.0	52,500	110.0	49,100	118.1	42,300				
120.0	46,000*	120.0	47,100	120.0	43,900	120.0	41,500				
124.6	41,600*	130.0	42,600	130.0	39,700	130.0	37,400	137.7	32,100		
		137.7	39,400	140.0	36,000	140.0	34,100	140.0	31,500		
				150.0	33,000	150.0	31,100	150.0	28,800	157.4	25,300
				150.9	32,800	160.0	28,700	160.0	26,300	160.0	24,800
						164.0	27,700	170.0	24,300	170.0	22,800
								177.1	22,900	180.0	21,100
										190.0	19,600
										190.2	19,600
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

150' Boom

130 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)
52.4	77,600*										
55.0	77,300*										
60.0	76,800*										
65.0	76,300*										
70.0	75,100*										
75.0	73,300*	78.7	77,100								
80.0	71,300*	80.0	76,100								
85.0	69,100*	85.0	72,100								
90.0	67,100*	90.0	67,100								
95.0	64,900*	95.0	62,700	98.4	56,400						
100.0	62,300*	100.0	58,800	100.0	55,300						
110.0	54,900*	110.0	52,300	110.0	49,100						
120.0	48,400*	120.0	46,700	120.0	43,900	124.6	39,200				
130.0	41,300*	130.0	42,200	130.0	39,700	130.0	37,000				
137.7	34,600*	140.0	38,500	140.0	36,000	140.0	33,700	144.3	30,200		
		150.0	35,100	150.0	32,900	150.0	30,800	150.0	28,600		
		150.9	34,800	160.0	30,200	160.0	28,200	160.0	26,300	164.0	23,500
				164.0	29,300	170.0	26,100	170.0	24,100	170.0	22,300
						177.1	24,600	180.0	22,400	180.0	20,600
								190.0	20,700	190.0	19,200
								190.2	20,700	196.8	18,200
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

140 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)
52.4	69,600*										
55.0	69,400*										
60.0	68,900*										
65.0	68,400*										
70.0	67,900*										
75.0	67,200*	78.7	68,700*								
80.0	66,100*	80.0	68,600*								
85.0	64,400*	85.0	68,100*								
90.0	62,900*	90.0	66,000								
95.0	61,300*	95.0	62,700								
100.0	59,600*	100.0	58,800	104.9	51,800						
110.0	54,900*	110.0	52,000	110.0	48,900						
120.0	48,700*	120.0	46,700	120.0	43,800						
130.0	43,300*	130.0	42,200	130.0	39,500	131.2	36,500				
140.0	37,000*	140.0	38,200	140.0	35,900	140.0	33,500				
144.3	33,900*	150.0	35,000	150.0	32,900	150.0	30,600	150.9	28,200		
		157.4	32,800	160.0	30,200	160.0	28,000	160.0	26,100		
				170.0	27,900	170.0	25,900	170.0	24,100	170.6	22,200
				170.6	27,700	180.0	23,900	180.0	22,200	180.0	20,500
						183.7	23,300	190.0	20,700	190.0	19,000
								196.8	19,600	200.0	17,600
										209.9	16,500
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

Luffing Jib Lift Capacities

Full Counterweights (200,900 lbs) - Carbody weights (60,400 lbs)

150' Boom

150 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	61,900*										
60.0	61,800*										
65.0	61,300*										
70.0	60,800*										
75.0	60,200*										
80.0	59,500*										
85.0	58,600*	85.3	60,800*								
90.0	57,600*	90.0	60,000*								
95.0	55,900*	95.0	59,200*								
100.0	53,800*	100.0	57,700								
110.0	50,100*	110.0	51,600	111.5	47,600						
120.0	46,500*	120.0	46,200	120.0	43,400						
130.0	43,000*	130.0	41,700	130.0	39,000	131.2	36,100				
140.0	38,500*	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		
157.4	28,200*	160.0	31,900	160.0	29,800	160.0	27,800	160.0	25,700		
		170.0	29,400	170.0	27,400	170.0	25,400	170.0	23,700	177.1	20,500
		170.6	29,300	180.0	25,500	180.0	23,600	180.0	21,700	180.0	20,100
				183.7	24,900	190.0	21,800	190.0	20,300	190.0	18,500
						196.8	20,900	200.0	18,700	200.0	17,300
								209.9	17,600	210.0	16,000
										216.5	15,400
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

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	54,200*										
60.0	54,000*										
65.0	53,000*										
70.0	52,000*										
75.0	51,100*										
80.0	50,200*										
85.0	49,400*	85.3	51,800*								
90.0	48,700*	90.0	50,800*								
95.0	47,700*	95.0	50,000*								
100.0	46,300*	100.0	49,300*								
110.0	42,800*	110.0	47,400*	111.5	47,800						
120.0	39,800*	120.0	44,100*	120.0	43,400						
130.0	37,100*	130.0	40,900*	130.0	39,200	137.7	33,900				
140.0	34,500*	140.0	38,000	140.0	35,600	140.0	33,200				
150.0	31,700*	150.0	34,800	150.0	32,400	150.0	30,200				
160.0	29,300*	160.0	32,000	160.0	29,800	160.0	27,800	164.0	24,900		
164.0	27,900*	170.0	29,400	170.0	27,400	170.0	25,600	170.0	23,700		
		177.1	27,900	180.0	25,500	180.0	23,600	180.0	21,700	183.7	19,600
				190.0	23,600	190.0	21,800	190.0	20,300	190.0	18,500
				190.2	23,500	200.0	20,400	200.0	18,700	200.0	17,200
						203.4	19,800	210.0	17,600	210.0	16,000
								216.5	16,700	220.0	14,800
										229.6	13,800
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

150' Boom

170 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)
65.6	49,300*										
70.0	48,900*										
75.0	48,400*										
80.0	47,900*										
85.0	47,400*										
90.0	45,900*	91.8	45,800*								
95.0	44,300*	95.0	44,800*								
100.0	42,600*	100.0	43,100*								
110.0	39,300*	110.0	39,900*	118.1	38,100*						
120.0	36,200*	120.0	36,900*	120.0	37,500*						
130.0	33,200*	130.0	34,000*	130.0	34,700*						
140.0	30,200*	140.0	31,300*	140.0	32,000*	144.3	31,300				
150.0	27,500*	150.0	28,600*	150.0	29,500*	150.0	29,500				
160.0	24,800*	160.0	26,000*	160.0	27,100*	160.0	27,100				
170.0	22,200*	170.0	23,700*	170.0	24,800*	170.0	25,000	170.6	22,900		
177.1	20,200*	180.0	21,300*	180.0	22,400*	180.0	23,100	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	18,700*	200.0	18,100*	200.0	19,200*	200.0	18,000	200.0	16,500
				203.4	17,400*	210.0	17,100*	210.0	16,900	210.0	15,200
						216.5	15,800*	220.0	15,700	220.0	14,000
								229.6	14,500	230.0	12,900
										236.2	12,300
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

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)
65.6	44,500*										
70.0	44,000*										
75.0	43,500*										
80.0	43,000*										
85.0	42,500*										
90.0	42,000*	91.8	43,200*								
95.0	40,800*	95.0	42,300*								
100.0	39,100*	100.0	40,900*								
110.0	35,900*	110.0	37,700*								
120.0	33,200*	120.0	34,700*	124.6	34,800*						
130.0	30,900*	130.0	32,200*	130.0	33,400*						
140.0	28,800*	140.0	29,900*	140.0	31,000*						
150.0	26,800*	150.0	27,900*	150.0	28,800*	150.9	29,100*				
160.0	25,100*	160.0	26,000*	160.0	26,800*	160.0	26,900				
170.0	23,000*	170.0	23,900*	170.0	24,800*	170.0	24,800	170.6	22,700		
180.0	20,700*	180.0	21,900*	180.0	22,700*	180.0	22,800	180.0	21,100		
183.7	19,800*	190.0	19,600*	190.0	20,700*	190.0	21,200	190.0	19,400	196.8	16,700
		196.8	18,200*	200.0	18,700*	200.0	19,500*	200.0	18,000	200.0	16,300
				209.9	16,700*	210.0	17,600*	210.0	16,700	210.0	14,900
						220.0	15,900*	220.0	15,500	220.0	13,800
						223.0	15,400*	230.0	14,500	230.0	12,700
								236.2	13,800	240.0	11,800
										249.3	11,000
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

Luffing Jib Lift Capacities

Full Counterweights (200,900 lbs) - Carbody weights (60,400 lbs)

150' Boom

190 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)
65.6	40,300*										
70.0	39,900*										
75.0	39,300*										
80.0	38,800*										
85.0	38,300*										
90.0	37,800*										
95.0	36,700*	98.4	37,400*								
100.0	35,200*	100.0	37,000*								
110.0	32,600*	110.0	34,100*								
120.0	30,100*	120.0	31,500*	124.6	31,700*						
130.0	28,000*	130.0	29,100*	130.0	30,300*						
140.0	26,200*	140.0	27,100*	140.0	28,200*						
150.0	24,400*	150.0	25,300*	150.0	26,100*	150.9	26,800*				
160.0	22,900*	160.0	23,600*	160.0	24,400*	160.0	25,300*				
170.0	21,400*	170.0	22,300*	170.0	23,000*	170.0	23,600*	177.1	21,100		
180.0	20,200*	180.0	21,000*	180.0	21,600*	180.0	22,100*	180.0	20,600		
190.0	18,500*	190.0	19,400*	190.0	20,100*	190.0	20,500*	190.0	19,000		
196.8	16,900*	200.0	17,600*	200.0	18,400*	200.0	18,800*	200.0	17,600	203.4	15,400
		209.9	15,400*	210.0	16,500*	210.0	17,100*	210.0	16,300	210.0	14,500
				220.0	14,800*	220.0	15,700*	220.0	15,100	220.0	13,400
				223.0	14,300*	230.0	14,000*	230.0	14,000	230.0	12,300
						236.2	13,000*	240.0	13,000	240.0	11,400
								242.7	12,700	250.0	10,500
										255.9	10,100
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

200 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)
72.1	35,900*										
75.0	35,700*										
80.0	35,400*										
85.0	35,000*										
90.0	34,200*										
95.0	33,100*	98.4	33,700*								
100.0	31,800*	100.0	33,300*								
110.0	29,400*	110.0	30,700*								
120.0	27,300*	120.0	28,400*								
130.0	25,300*	130.0	26,400*	131.2	27,300*						
140.0	23,700*	140.0	24,700*	140.0	25,500*						
150.0	22,200*	150.0	23,000*	150.0	23,700*	157.4	23,300*				
160.0	20,800*	160.0	21,400*	160.0	22,200*	160.0	22,900*				
170.0	19,600*	170.0	20,300*	170.0	20,800*	170.0	21,400*				
180.0	18,400*	180.0	19,100*	180.0	19,600*	180.0	20,100*	183.7	19,600		
190.0	16,600*	190.0	17,800*	190.0	18,500*	190.0	18,900*	190.0	18,700		
200.0	13,300*	200.0	16,800*	200.0	17,500*	200.0	17,800*	200.0	17,400	209.9	14,100
203.4	12,300*	210.0	15,800*	210.0	16,500*	210.0	16,700*	210.0	16,000	210.0	14,100
		216.5	14,500*	220.0	14,800*	220.0	15,400*	220.0	14,800	220.0	13,000
				229.6	13,200*	230.0	13,800*	230.0	13,600	230.0	12,000
						240.0	12,300	240.0	12,600	240.0	11,000
						242.7	11,900	250.0	11,500*	250.0	10,200
								255.9	10,500*	260.0	9,400
										269.0	8,800
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

Luffing Jib Lift Capacities

Full Counterweights (200,900 lbs) - Carbody weights (60,400 lbs)

160' Boom

70 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)
39.3	119,000*										
40.0	119,000*										
42.0	119,000*										
44.0	119,000*										
46.0	119,000*										
48.0	118,100*										
50.0	117,200*										
55.0	112,600*	59.0	115,900								
60.0	105,500*	60.0	113,800								
65.0	98,300*	65.0	102,900								
70.0	91,800*	70.0	93,800								
75.0	82,200*	75.0	85,800	78.7	75,800						
78.7	73,100*	80.0	78,900	80.0	74,400						
		85.0	73,100	85.0	68,800						
		90.0	68,100	90.0	64,100						
		91.8	66,300	95.0	59,900	98.4	54,200				
				100.0	56,200	100.0	53,200				
				104.9	52,600	110.0	47,100	111.5	43,200		
						118.1	42,900	120.0	39,300		
								130.0	35,500	131.2	33,000
								131.2	35,000	140.0	30,400
										144.3	29,100
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

80 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)
39.3	105,800*										
40.0	105,500*										
42.0	104,500*										
44.0	103,600*										
46.0	102,600*										
48.0	101,600*										
50.0	100,600*										
55.0	98,200*	59.0	115,500								
60.0	95,800*	60.0	113,400								
65.0	93,300*	65.0	102,500								
70.0	90,900*	70.0	93,500								
75.0	86,800*	75.0	85,600	78.7	75,300						
80.0	80,500*	80.0	78,700	80.0	74,000						
85.0	71,900*	85.0	72,800	85.0	68,400						
85.3	71,400*	90.0	67,900	90.0	63,800						
		95.0	63,500	95.0	59,600	98.4	53,700				
		100.0	59,500	100.0	55,800	100.0	52,700				
		104.9	55,900	110.0	49,400	110.0	46,700	118.1	39,600		
				118.1	45,100	120.0	41,900	120.0	38,900		
						130.0	37,700	130.0	35,000	137.7	30,600
						131.2	37,200	140.0	31,800	140.0	29,900
								144.3	30,600	150.0	27,300
										157.4	25,500
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

160' Boom

90 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)
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								
70.0	89,200*	70.0	89,200								
75.0	86,700*	75.0	85,300								
80.0	81,900*	80.0	78,500								
85.0	76,600*	85.0	72,600	85.3	67,600						
90.0	69,400*	90.0	67,700	90.0	63,400						
95.0	61,400*	95.0	63,200	95.0	59,100						
98.4	55,500*	100.0	59,200	100.0	55,300	104.9	49,100				
		110.0	52,500	110.0	49,100	110.0	46,200				
		111.5	51,500	120.0	44,000	120.0	41,500	124.6	36,500		
				124.6	41,800	130.0	37,400	130.0	34,600		
						137.7	34,600	140.0	31,500	144.3	28,200
								150.0	28,600	150.0	26,800
								150.9	28,400	160.0	24,600
										164.0	23,800
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

100 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)
45.9	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								
70.0	89,200*	70.0	89,100								
75.0	86,800*	75.0	85,000								
80.0	82,100*	80.0	78,300								
85.0	76,400*	85.0	72,400								
90.0	71,100*	90.0	67,500	91.8	61,200						
95.0	65,900*	95.0	63,000	95.0	58,800						
100.0	60,200*	100.0	59,000	100.0	55,100						
104.9	53,300*	110.0	52,500	110.0	48,900	111.5	45,100				
		120.0	46,900	120.0	43,800	120.0	41,100				
		124.6	44,700	130.0	39,500	130.0	37,000	131.2	33,900		
				137.7	36,500	140.0	33,700	140.0	31,100		
						150.0	30,800	150.0	28,400	150.9	26,200
						150.9	30,600	160.0	26,000	160.0	24,400
								164.0	25,100	170.0	22,300
										177.1	21,100
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

Luffing Jib Lift Capacities

Full Counterweights (200,900 lbs) - Carbody weights (60,400 lbs)

160' Boom

110 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)
45.9	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*										
70.0	86,300*	72.1	88,400								
75.0	82,800*	75.0	84,700								
80.0	79,400*	80.0	78,300								
85.0	76,000*	85.0	72,400								
90.0	70,900*	90.0	67,500	91.8	60,800						
95.0	66,000*	95.0	63,000	95.0	58,400						
100.0	61,500*	100.0	59,000	100.0	54,700						
110.0	52,000*	110.0	52,500	110.0	48,500	118.1	41,800				
118.1	42,900*	120.0	46,900	120.0	43,400	120.0	41,000				
		130.0	42,400	130.0	39,000	130.0	37,000	137.7	31,300		
		131.2	41,800	140.0	35,600	140.0	33,700	140.0	30,600		
				144.3	34,100	150.0	30,800	150.0	27,900	157.4	24,600
						157.4	28,800	160.0	25,600	160.0	24,100
								170.0	23,600	170.0	22,300
								170.6	23,500	180.0	20,500
										183.7	20,000
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

120 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)
52.4	83,500*										
55.0	83,100*										
60.0	82,200*										
65.0	81,400*										
70.0	79,200*	72.1	84,200								
75.0	76,600*	75.0	82,100								
80.0	73,700*	80.0	77,900								
85.0	70,900*	85.0	72,200								
90.0	68,200*	90.0	67,200								
95.0	65,400*	95.0	62,800	98.4	55,700						
100.0	62,100*	100.0	58,800	100.0	54,700						
110.0	54,200*	110.0	52,100	110.0	48,500	118.1	41,600				
120.0	46,400*	120.0	46,700	120.0	43,400	120.0	40,800				
124.6	41,800*	130.0	42,200	130.0	39,000	130.0	36,800				
		140.0	38,500	140.0	35,600	140.0	33,400	144.3	29,300		
		144.3	37,000	150.0	32,600	150.0	30,400	150.0	27,900		
				157.4	30,600	160.0	28,000	160.0	25,600	164.0	23,100
						170.0	25,900	170.0	23,400	170.0	21,900
						170.6	25,700	180.0	21,700	180.0	20,200
								183.7	21,100	190.0	18,700
										196.8	17,800
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

160' Boom

130 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)
52.4	74,900*										
55.0	74,600*										
60.0	73,900*										
65.0	73,200*										
70.0	72,600*										
75.0	71,400*	78.7	74,700								
80.0	69,800*	80.0	74,100								
85.0	67,800*	85.0	71,500								
90.0	65,700*	90.0	66,800								
95.0	63,700*	95.0	62,500								
100.0	61,400*	100.0	58,500	104.9	51,300						
110.0	55,100*	110.0	51,800	110.0	48,500						
120.0	48,600*	120.0	46,500	120.0	43,400	124.6	38,300				
130.0	41,500*	130.0	41,900	130.0	39,000	130.0	36,300				
137.7	35,000*	140.0	38,200	140.0	35,600	140.0	33,000				
		150.0	34,900	150.0	32,400	150.0	30,200	150.9	27,500		
		150.9	34,600	160.0	29,800	160.0	27,600	160.0	25,500		
				164.0	28,800	170.0	25,400	170.0	23,400	170.0	21,300
						177.1	24,000	180.0	21,700	180.0	19,900
								190.0	20,100	190.0	18,300
								190.2	20,000	200.0	17,000
										203.4	16,700
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

140 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)
52.4	67,400*										
55.0	67,200*										
60.0	66,600*										
65.0	66,000*										
70.0	65,400*										
75.0	64,900*	78.7	66,700*								
80.0	64,400*	80.0	66,600*								
85.0	63,900*	85.0	66,100*								
90.0	62,800*	90.0	65,300								
95.0	61,300*	95.0	62,400								
100.0	59,600*	100.0	58,400	104.9	51,100						
110.0	55,100*	110.0	51,800	110.0	48,200						
120.0	48,700*	120.0	46,200	120.0	43,200						
130.0	43,300*	130.0	41,900	130.0	39,000	131.2	35,700				
140.0	37,200*	140.0	38,000	140.0	35,400	140.0	32,800				
144.3	34,100*	150.0	34,800	150.0	32,400	150.0	30,000	157.4	25,700		
		157.4	32,600	160.0	29,800	160.0	27,400	160.0	25,200		
				170.0	27,400	170.0	25,200	170.0	23,200	177.1	20,000
				177.1	26,000	180.0	23,500	180.0	21,500	180.0	19,600
						190.0	21,800	190.0	19,800	190.0	18,100
						190.2	21,800	200.0	18,500	200.0	16,900
								203.4	18,000	210.0	15,600
										216.5	14,900
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

Luffing Jib Lift Capacities

Full Counterweights (200,900 lbs) - Carbody weights (60,400 lbs)

160' Boom

150 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	59,500*										
60.0	59,500*										
65.0	59,500*										
70.0	59,500*										
75.0	59,500*										
80.0	59,300*										
85.0	58,600*	85.3	58,800*								
90.0	57,600*	90.0	58,300*								
95.0	56,000*	95.0	57,800*								
100.0	54,000*	100.0	56,700								
110.0	50,100*	110.0	51,400	111.5	46,900						
120.0	46,500*	120.0	46,000	120.0	42,800						
130.0	43,000*	130.0	41,500	130.0	38,600	137.7	33,000				
140.0	38,700*	140.0	37,800	140.0	35,000	140.0	32,400				
150.0	33,200*	150.0	34,400	150.0	32,000	150.0	29,500	157.4	25,300		
157.4	28,400*	160.0	31,700	160.0	29,300	160.0	27,100	160.0	24,800		
		170.0	29,200	170.0	27,000	170.0	25,000	170.0	22,800		
		170.6	29,100	180.0	25,000	180.0	23,100	180.0	21,100	183.7	18,700
				183.7	24,400	190.0	21,400	190.0	19,600	190.0	17,600
						196.8	20,200	200.0	18,000	200.0	16,300
								209.9	16,900	210.0	15,200
										220.0	14,000
										223.0	13,600
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

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	53,700*										
60.0	53,600*										
65.0	52,900*										
70.0	52,000*										
75.0	51,100*										
80.0	50,200*										
85.0	49,400*	85.3	51,800*								
90.0	48,700*	90.0	51,000*								
95.0	47,700*	95.0	50,100*								
100.0	46,300*	100.0	49,300*								
110.0	42,800*	110.0	47,800*	118.1	43,800						
120.0	39,800*	120.0	44,500*	120.0	42,900						
130.0	37,100*	130.0	41,100*	130.0	38,600	137.7	33,000				
140.0	34,300*	140.0	37,800	140.0	35,100	140.0	32,400				
150.0	31,700*	150.0	34,600	150.0	32,000	150.0	29,500				
160.0	29,500*	160.0	31,800	160.0	29,300	160.0	27,100	164.0	24,000		
164.0	28,200*	170.0	29,200	170.0	27,200	170.0	25,000	170.0	22,800		
		177.1	27,700	180.0	25,000	180.0	23,100	180.0	21,100		
				190.0	23,400	190.0	21,400	190.0	19,600	190.2	17,600
				196.8	22,200	200.0	19,800	200.0	18,000	200.0	16,300
						209.9	18,500	210.0	16,900	210.0	15,200
								220.0	15,700	220.0	13,900
								223.0	15,400	230.0	12,900
										236.2	12,300
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

160' Boom

170 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)
65.6	48,000*										
70.0	47,600*										
75.0	47,100*										
80.0	46,600*										
85.0	46,100*										
90.0	45,400*	91.8	45,600*								
95.0	44,100*	95.0	44,500*								
100.0	42,400*	100.0	42,900*								
110.0	39,100*	110.0	39,700*	118.1	37,600*						
120.0	36,000*	120.0	36,600*	120.0	37,100*						
130.0	33,000*	130.0	33,800*	130.0	34,200*						
140.0	30,000*	140.0	31,100*	140.0	31,600*	144.3	30,400				
150.0	27,300*	150.0	28,400*	150.0	29,100*	150.0	28,900				
160.0	24,700*	160.0	25,900*	160.0	26,700*	160.0	26,500				
170.0	22,200*	170.0	23,500*	170.0	24,500*	170.0	24,300	170.6	22,000		
177.1	20,200*	180.0	21,100*	180.0	22,300*	180.0	22,400	180.0	20,400		
		190.0	18,800*	190.0	20,100*	190.0	20,700	190.0	18,900	196.8	15,800
		190.2	18,700*	200.0	18,100*	200.0	18,900*	200.0	17,400	200.0	15,400
				203.4	17,400*	210.0	17,100*	210.0	16,300	210.0	14,300
						216.5	15,800*	220.0	15,000	220.0	13,200
								229.6	14,100	230.0	12,100
										240.0	11,300
										242.7	11,000
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

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)
65.6	43,400*										
70.0	42,900*										
75.0	42,400*										
80.0	41,900*										
85.0	41,400*										
90.0	40,900*										
95.0	40,100*	98.4	41,200*								
100.0	38,900*	100.0	40,700*								
110.0	35,900*	110.0	37,500*								
120.0	33,200*	120.0	34,700*	124.6	34,600*						
130.0	30,800*	130.0	32,000*	130.0	33,300*						
140.0	28,600*	140.0	29,700*	140.0	31,000*						
150.0	26,800*	150.0	27,700*	150.0	28,600*	150.9	28,600				
160.0	24,900*	160.0	25,900*	160.0	26,500*	160.0	26,300				
170.0	22,800*	170.0	23,900*	170.0	24,300*	170.0	24,100	177.1	20,700		
180.0	20,400*	180.0	21,600*	180.0	22,300*	180.0	22,300	180.0	20,200		
183.7	19,600*	190.0	19,600*	190.0	20,500*	190.0	20,500	190.0	18,700		
		196.8	18,000*	200.0	18,500*	200.0	19,100*	200.0	17,400	203.4	14,700
				210.0	16,700*	210.0	17,400*	210.0	16,000	210.0	14,100
						220.0	15,700*	220.0	14,800	220.0	12,900
						229.6	14,100*	230.0	13,800	230.0	11,800
								240.0	12,800	240.0	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

Luffing Jib Lift Capacities

Full Counterweights (200,900 lbs) - Carbody weights (60,400 lbs)

160' Boom

190 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)
72.1	39,000*										
75.0	38,700*										
80.0	38,200*										
85.0	37,700*										
90.0	37,200*										
95.0	36,200*	98.4	37,200*								
100.0	35,000*	100.0	36,800*								
110.0	32,300*	110.0	33,900*								
120.0	30,000*	120.0	31,300*								
130.0	28,000*	130.0	29,100*	131.2	29,900*						
140.0	26,000*	140.0	27,100*	140.0	27,900*						
150.0	24,400*	150.0	25,200*	150.0	26,100*	157.4	25,500*				
160.0	22,800*	160.0	23,600*	160.0	24,400*	160.0	25,100*				
170.0	21,400*	170.0	22,100*	170.0	22,800*	170.0	23,400*				
180.0	20,100*	180.0	20,700*	180.0	21,400*	180.0	21,700*	183.7	19,100		
190.0	17,700*	190.0	19,400*	190.0	19,800*	190.0	20,100*	190.0	18,300		
196.8	15,400*	200.0	17,400*	200.0	18,200*	200.0	18,600*	200.0	16,900	209.9	13,600
		209.9	15,400*	210.0	16,500*	210.0	16,900*	210.0	15,600	210.0	13,600
				220.0	14,600*	220.0	15,400*	220.0	14,400	220.0	12,400
				223.0	14,100*	230.0	13,800*	230.0	13,400	230.0	11,400
						236.2	12,700*	240.0	12,400	240.0	10,600
								249.3	11,400	250.0	9,800
										260.0	8,800
										262.4	8,800
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

200 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)
72.1	35,200*										
75.0	35,000*										
80.0	34,700*										
85.0	34,400*										
90.0	33,900*										
95.0	32,800*										
100.0	31,500*	104.9	31,900*								
110.0	29,200*	110.0	30,700*								
120.0	27,100*	120.0	28,400*								
130.0	25,300*	130.0	26,200*	131.2	27,100*						
140.0	23,600*	140.0	24,500*	140.0	25,400*						
150.0	22,100*	150.0	22,800*	150.0	23,700*						
160.0	20,800*	160.0	21,400*	160.0	22,100*	164.0	22,200*				
170.0	19,400*	170.0	20,100*	170.0	20,800*	170.0	21,200*				
180.0	18,200*	180.0	19,000*	180.0	19,500*	180.0	19,900*				
190.0	15,300*	190.0	17,800*	190.0	18,300*	190.0	18,700*	190.2	18,000		
200.0	12,000*	200.0	16,800*	200.0	17,300*	200.0	17,700*	200.0	16,500		
203.4	11,000*	210.0	15,600*	210.0	16,000*	210.0	16,500*	210.0	15,200	216.5	12,500
		216.5	13,600*	220.0	14,600*	220.0	14,900*	220.0	14,000	220.0	12,100
				229.6	13,000*	230.0	13,600*	230.0	12,900	230.0	11,200
						240.0	12,000*	240.0	11,900	240.0	10,200
						242.7	11,600*	250.0	11,100	250.0	9,400
								260.0	9,800*	260.0	8,600
								262.4	9,400*	269.0	7,900
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

Luffing Jib Lift Capacities

Full Counterweights (200,900 lbs) - Carbody weights (60,400 lbs)

170' Boom

70 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)
39.3	119,000*										
40.0	118,700*										
42.0	117,600*										
44.0	116,500*										
46.0	115,300*										
48.0	111,800*										
50.0	108,200*										
55.0	100,000*	59.0	114,100*								
60.0	92,700*	60.0	112,200*								
65.0	86,300*	65.0	102,200*								
70.0	80,600*	70.0	93,300								
75.0	75,400*	75.0	85,400	78.7	74,900						
78.7	71,600*	80.0	78,500	80.0	73,500						
		85.0	72,800	85.0	68,000						
		90.0	67,700	90.0	63,400						
		91.8	65,900	95.0	59,300	98.4	53,100				
				100.0	55,500	100.0	52,100				
				110.0	49,200	110.0	46,200	118.1	39,000		
				111.5	48,200	120.0	41,500	120.0	38,200		
						124.6	39,400	130.0	34,500	137.7	29,900
								137.7	31,900	140.0	29,300
										150.0	26,700
										150.9	26,400
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

80 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)
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*	59.0	89,200*								
60.0	88,800*	60.0	89,200*								
65.0	86,200*	65.0	89,200								
70.0	81,100*	70.0	89,100								
75.0	76,000*	75.0	85,000								
80.0	71,400*	80.0	78,300								
85.0	67,000*	85.0	72,400	85.3	67,200						
90.0	60,000*	90.0	67,500	90.0	62,900						
91.8	57,300*	95.0	63,000	95.0	58,800						
		100.0	59,000	100.0	55,100	104.9	48,700				
		104.9	55,500	110.0	48,900	110.0	45,800				
				118.1	44,500	120.0	41,000	124.6	35,900		
						130.0	37,000	130.0	34,100		
						131.2	36,500	140.0	30,900	144.3	27,700
								144.3	29,700	150.0	26,200
										157.4	24,600
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

170' Boom

90 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)
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	88,800*										
65.0	86,400*	65.6	89,200*								
70.0	81,300*	70.0	88,900								
75.0	76,200*	75.0	84,800								
80.0	71,600*	80.0	78,100								
85.0	67,400*	85.0	72,200	85.3	66,700						
90.0	63,700*	90.0	67,200	90.0	62,500						
95.0	59,400*	95.0	62,800	95.0	58,400						
98.4	56,200*	100.0	58,800	100.0	54,700						
		110.0	52,300	110.0	48,500	111.5	44,500				
		111.5	51,300	120.0	43,400	120.0	40,600				
				130.0	39,200	130.0	36,600	131.2	33,200		
				131.2	38,800	140.0	33,200	140.0	30,400		
						144.3	31,900	150.0	27,800	150.9	25,500
								157.4	26,200	160.0	23,700
										170.0	21,900
										170.6	21,800
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

100 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)
45.9	89,200*										
46.0	89,200*										
48.0	89,200*										
50.0	89,200*										
55.0	89,200*										
60.0	88,700*										
65.0	85,800*	65.6	89,200*								
70.0	80,900*	70.0	88,800								
75.0	76,000*	75.0	84,600								
80.0	71,500*	80.0	77,800								
85.0	67,400*	85.0	72,000								
90.0	63,900*	90.0	67,000	91.8	60,800						
95.0	60,500*	95.0	62,600	95.0	58,400						
100.0	57,300*	100.0	58,600	100.0	54,700						
104.9	54,400*	110.0	52,000	110.0	48,500	111.5	44,300				
		120.0	46,700	120.0	43,400	120.0	40,400				
		124.6	44,500	130.0	39,200	130.0	36,300	137.7	31,000		
				137.7	36,300	140.0	33,000	140.0	30,400		
						150.0	30,200	150.0	27,800	157.4	23,800
						150.9	29,900	160.0	25,500	160.0	23,300
								164.0	24,600	170.0	21,500
										177.1	20,200
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

Luffing Jib Lift Capacities

Full Counterweights (200,900 lbs) - Carbody weights (60,400 lbs)

170' Boom

110 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)
45.9	89,200*										
46.0	89,200*										
48.0	89,200*										
50.0	89,200*										
55.0	89,200*										
60.0	88,700*										
65.0	85,600*										
70.0	80,700*	72.1	87,700								
75.0	75,900*	75.0	84,000								
80.0	71,500*	80.0	77,700								
85.0	67,600*	85.0	71,900								
90.0	63,900*	90.0	67,000								
95.0	60,600*	95.0	62,600	98.4	55,300						
100.0	57,500*	100.0	58,600	100.0	54,300						
110.0	51,900*	110.0	52,000	110.0	48,200	118.1	41,000				
118.1	43,800*	120.0	46,700	120.0	43,000	120.0	40,200				
		130.0	42,200	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
										190.2	18,200
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

120 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)
52.4	80,000*										
55.0	79,600*										
60.0	78,700*										
65.0	77,900*										
70.0	77,000*										
75.0	74,900*	78.7	78,700								
80.0	71,500*	80.0	77,300								
85.0	67,600*	85.0	71,700								
90.0	64,100*	90.0	66,800								
95.0	60,800*	95.0	62,400	98.4	55,100						
100.0	57,700*	100.0	58,400	100.0	54,000						
110.0	52,100*	110.0	51,800	110.0	47,800						
120.0	46,500*	120.0	46,500	120.0	42,800	124.6	37,900				
124.6	42,300*	130.0	41,900	130.0	38,600	130.0	35,900				
		140.0	38,200	140.0	35,000	140.0	32,600	144.3	28,400		
		144.3	36,500	150.0	32,000	150.0	29,700	150.0	27,100		
				157.4	30,200	160.0	27,400	160.0	24,800		
						170.0	25,200	170.0	22,800	170.6	20,900
						170.6	25,100	180.0	21,100	180.0	19,400
								183.7	20,500	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

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)
52.4	72,000*										
55.0	71,700*										
60.0	71,000*										
65.0	70,400*										
70.0	69,700*										
75.0	69,000*	78.7	72,000								
80.0	68,100*	80.0	71,800								
85.0	66,600*	85.0	71,000								
90.0	63,200*	90.0	66,400								
95.0	60,000*	95.0	62,000								
100.0	57,100*	100.0	58,100	104.9	50,700						
110.0	51,900*	110.0	51,600	110.0	47,800						
120.0	47,200*	120.0	46,200	120.0	42,800						
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	177.1	19,400
						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	4

140 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	59,500*										
60.0	59,500*										
65.0	59,500*										
70.0	59,500*										
75.0	59,500*										
80.0	59,500*										
85.0	59,500*	85.3	59,500*								
90.0	59,500*	90.0	59,500*								
95.0	58,800*	95.0	59,300								
100.0	57,300*	100.0	57,900								
110.0	52,000*	110.0	51,400	111.5	46,700						
120.0	47,500*	120.0	46,000	120.0	42,600						
130.0	43,400*	130.0	41,500	130.0	38,400	131.2	35,000				
140.0	37,400*	140.0	37,800	140.0	34,900	140.0	32,100				
144.3	34,300*	150.0	34,600	150.0	31,900	150.0	29,300	157.4	25,100		
		160.0	31,800	160.0	29,300	160.0	26,900	160.0	24,600		
		164.0	30,800	170.0	27,000	170.0	24,800	170.0	22,600		
				177.1	25,500	180.0	22,800	180.0	20,900	183.7	18,200
						190.0	21,200	190.0	19,200	190.0	17,200
						190.2	21,100	200.0	17,800	200.0	15,900
								203.4	17,400	210.0	14,700
										216.5	14,100
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

Luffing Jib Lift Capacities

Full Counterweights (200,900 lbs) - Carbody weights (60,400 lbs)

170' Boom

150 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	57,700*										
60.0	57,600*										
65.0	57,100*										
70.0	56,800*										
75.0	56,300*										
80.0	55,800*										
85.0	55,300*	85.3	57,300*								
90.0	54,800*	90.0	56,800*								
95.0	54,300*	95.0	56,300								
100.0	53,500*	100.0	55,500								
110.0	50,100*	110.0	51,000	111.5	46,200						
120.0	46,600*	120.0	45,600	120.0	42,300						
130.0	43,200*	130.0	41,200	130.0	38,100	137.7	32,400				
140.0	38,700*	140.0	37,300	140.0	34,600	140.0	31,700				
150.0	33,400*	150.0	34,200	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		
		170.0	29,000	170.0	26,500	170.0	24,300	170.0	22,100		
		170.6	28,800	180.0	24,700	180.0	22,400	180.0	20,400		
				183.7	24,000	190.0	20,900	190.0	18,700	190.2	16,700
						200.0	19,400	200.0	17,500	200.0	15,400
						203.4	18,900	210.0	16,300	210.0	14,300
								216.5	15,600	220.0	13,000
										229.6	12,300
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

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	52,200*										
60.0	52,100*										
65.0	51,600*										
70.0	51,100*										
75.0	50,600*										
80.0	50,100*										
85.0	49,600*										
90.0	48,800*	91.8	50,900*								
95.0	47,800*	95.0	50,300*								
100.0	46,500*	100.0	49,600*								
110.0	43,000*	110.0	48,200*	118.1	43,200						
120.0	39,900*	120.0	44,700*	120.0	42,300						
130.0	37,300*	130.0	41,200	130.0	38,100						
140.0	34,100*	140.0	37,600	140.0	34,600	144.3	30,400				
150.0	31,500*	150.0	34,400	150.0	31,500	150.0	28,900				
160.0	29,500*	160.0	31,500	160.0	28,900	160.0	26,500				
164.0	28,400*	170.0	29,000	170.0	26,700	170.0	24,300	170.6	22,000		
		180.0	26,900	180.0	24,700	180.0	22,500	180.0	20,400		
		183.7	26,200	190.0	22,900	190.0	20,900	190.0	18,900	196.8	15,800
				196.8	21,800	200.0	19,400	200.0	17,500	200.0	15,400
						209.9	18,000	210.0	16,300	210.0	14,300
								220.0	15,100	220.0	13,000
								223.0	14,700	230.0	12,100
										236.2	11,600
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

170' Boom

170 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)
65.6	46,700*										
70.0	46,200*										
75.0	45,700*										
80.0	45,200*										
85.0	44,700*										
90.0	44,200*	91.8	45,100*								
95.0	43,400*	95.0	44,100*								
100.0	42,200*	100.0	42,500*								
110.0	38,800*	110.0	39,400*								
120.0	35,800*	120.0	36,400*	124.6	35,400*						
130.0	32,700*	130.0	33,600*	130.0	34,000*						
140.0	30,000*	140.0	30,900*	140.0	31,300*						
150.0	27,300*	150.0	28,200*	150.0	28,800*	150.9	27,900				
160.0	24,600*	160.0	25,800*	160.0	26,500*	160.0	25,800				
170.0	22,100*	170.0	23,500*	170.0	24,300*	170.0	23,700	177.1	20,200		
177.1	20,200*	180.0	21,100*	180.0	22,100*	180.0	22,000	180.0	19,800		
		190.0	18,800*	190.0	20,100*	190.0	20,300	190.0	18,100		
		190.2	18,700*	200.0	17,800*	200.0	18,700	200.0	16,700	203.4	14,100
				203.4	17,100*	210.0	16,900*	210.0	15,600	210.0	13,400
						220.0	15,100*	220.0	14,400	220.0	12,300
						223.0	14,500*	230.0	13,400	230.0	11,400
								236.2	12,700	240.0	10,400
										249.3	9,700
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

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)
65.6	42,300*										
70.0	41,800*										
75.0	41,300*										
80.0	40,800*										
85.0	40,300*										
90.0	39,800*										
95.0	39,300*	98.4	40,700*								
100.0	38,500*	100.0	40,400*								
110.0	35,700*	110.0	37,500*								
120.0	33,000*	120.0	34,500*	124.6	34,100*						
130.0	30,700*	130.0	32,000*	130.0	32,900*						
140.0	28,600*	140.0	29,700*	140.0	30,500*						
150.0	26,600*	150.0	27,700*	150.0	28,400*	150.9	27,700				
160.0	24,900*	160.0	25,700*	160.0	26,100*	160.0	25,700				
170.0	22,800*	170.0	23,700*	170.0	24,100*	170.0	23,700				
180.0	20,400*	180.0	21,500*	180.0	22,100*	180.0	21,700	183.7	18,900		
183.7	19,600*	190.0	19,400*	190.0	20,300*	190.0	20,100	190.0	18,100		
		200.0	17,400*	200.0	18,400*	200.0	18,600	200.0	16,500	209.9	13,200
		203.4	16,700*	210.0	16,500*	210.0	17,100*	210.0	15,400	210.0	13,200
				216.5	15,200*	220.0	15,500*	220.0	14,200	220.0	11,900
						229.6	13,800*	230.0	13,100	230.0	11,200
								240.0	12,100	240.0	10,200
								242.7	11,900	250.0	9,400
										255.9	9,000
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

Luffing Jib Lift Capacities

Full Counterweights (200,900 lbs) - Carbody weights (60,400 lbs)

170' Boom

190 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)
72.1	38,100*										
75.0	37,800*										
80.0	37,300*										
85.0	36,800*										
90.0	36,300*										
95.0	35,800*	98.4	37,200*								
100.0	35,000*	100.0	36,700*								
110.0	32,300*	110.0	33,900*								
120.0	29,900*	120.0	31,300*								
130.0	27,800*	130.0	28,900*	131.2	29,900*						
140.0	26,000*	140.0	26,900*	140.0	27,900*						
150.0	24,400*	150.0	25,200*	150.0	25,900*	157.4	25,300*				
160.0	22,800*	160.0	23,600*	160.0	24,200*	160.0	24,900*				
170.0	21,400*	170.0	22,100*	170.0	22,700*	170.0	23,200				
180.0	19,500*	180.0	20,700*	180.0	21,300*	180.0	21,300				
190.0	16,100*	190.0	19,200*	190.0	19,600*	190.0	19,600	190.2	17,600		
196.8	14,100*	200.0	17,300*	200.0	17,900*	200.0	18,200	200.0	16,100		
		209.9	15,400*	210.0	16,300*	210.0	16,700*	210.0	14,700	216.5	11,900
				220.0	14,600*	220.0	15,000*	220.0	13,700	220.0	11,500
				223.0	14,100*	230.0	13,600*	230.0	12,700	230.0	10,500
						236.2	12,500*	240.0	11,700	240.0	9,700
								250.0	10,700	250.0	8,900
								255.9	10,300	260.0	8,300
										269.0	7,700
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

200 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)
72.1	34,600*										
75.0	34,300*										
80.0	33,800*										
85.0	33,300*										
90.0	32,800*										
95.0	32,300*										
100.0	31,500*	104.9	31,900*								
110.0	29,200*	110.0	30,600*								
120.0	27,100*	120.0	28,200*								
130.0	25,300*	130.0	26,200*	131.2	27,100*						
140.0	23,600*	140.0	24,500*	140.0	25,400*						
150.0	22,100*	150.0	22,800*	150.0	23,700*						
160.0	20,800*	160.0	21,400*	160.0	22,000*	164.0	22,000*				
170.0	19,400*	170.0	20,100*	170.0	20,500*	170.0	21,200*				
180.0	17,500*	180.0	18,800*	180.0	19,400*	180.0	19,900*				
190.0	13,900*	190.0	17,800*	190.0	18,300*	190.0	18,700*	190.2	17,100		
200.0	10,700*	200.0	16,800*	200.0	17,300*	200.0	17,400*	200.0	15,600		
203.4	9,700*	210.0	15,200*	210.0	15,800*	210.0	16,000*	210.0	14,500		
		216.5	12,500*	220.0	14,400*	220.0	14,700*	220.0	13,300	223.0	10,800
				230.0	12,900*	230.0	13,300*	230.0	12,300	230.0	10,300
				236.2	11,900*	240.0	11,800*	240.0	11,300	240.0	9,400
						249.3	10,500*	250.0	10,500	250.0	8,500
								260.0	9,500	260.0	7,800
								262.4	9,200*	270.0	7,200
										275.5	6,800
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

Luffing Jib Lift Capacities

Full Counterweights (200,900 lbs) - Carbody weights (60,400 lbs)

180' Boom

70 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)
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	86,500*	59.0	89,200*								
60.0	80,900*	60.0	89,200*								
65.0	75,400*	65.0	89,200*								
70.0	70,400*	70.0	85,100*								
75.0	65,900*	75.0	79,800*	78.7	74,200						
78.7	62,800*	80.0	74,300*	80.0	72,900						
		85.0	69,500*	85.0	67,500						
		90.0	65,100*	90.0	62,900						
		95.0	61,000*	95.0	58,800	98.4	52,200				
		98.4	58,400*	100.0	55,100	100.0	51,200				
				110.0	48,700	110.0	45,300	118.1	38,100		
				111.5	47,800	120.0	40,600	120.0	37,400		
						124.6	38,500	130.0	33,700	137.7	28,600
								140.0	30,700	140.0	28,100
								144.3	29,500	150.0	25,700
										157.4	24,000
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

80 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)
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	86,500*										
60.0	81,100*										
65.0	75,600*	65.6	89,200*								
70.0	70,900*	70.0	85,100*								
75.0	66,500*	75.0	79,900*								
80.0	62,300*	80.0	74,600*								
85.0	58,600*	85.0	69,700*	85.3	66,700						
90.0	55,200*	90.0	65,400*	90.0	62,500						
91.8	54,000*	95.0	61,600*	95.0	58,400						
		100.0	58,000*	100.0	54,700	104.9	47,600				
		104.9	54,600*	110.0	48,500	110.0	44,900				
				118.1	44,300	120.0	40,100	124.6	35,200		
						130.0	36,100	130.0	33,300		
						137.7	33,500	140.0	30,200	144.3	26,400
								150.0	27,500	150.0	25,100
								150.9	27,300	160.0	23,000
										164.0	22,200
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

180' Boom

90 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)
45.9	89,200*										
46.0	89,200*										
48.0	89,200*										
50.0	89,200*										
55.0	86,500*										
60.0	81,100*										
65.0	75,600*	65.6	89,200*								
70.0	70,900*	70.0	85,100*								
75.0	66,600*	75.0	79,900*								
80.0	62,600*	80.0	74,600*								
85.0	59,000*	85.0	69,900*								
90.0	55,700*	90.0	65,700*	91.8	60,400						
95.0	52,500*	95.0	61,800*	95.0	57,900						
98.4	50,400*	100.0	58,200	100.0	54,300						
		110.0	51,800	110.0	48,100	111.5	43,600				
		111.5	50,900	120.0	43,000	120.0	39,800				
				130.0	38,800	130.0	35,900	131.2	32,400		
				131.2	38,300	140.0	32,600	140.0	29,800		
						144.3	31,300	150.0	27,100	150.9	24,400
								157.4	25,500	160.0	22,600
										170.0	20,800
										177.1	19,600
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

100 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)
45.9	89,200*										
46.0	89,200*										
48.0	89,200*										
50.0	89,200*										
55.0	86,500*										
60.0	81,200*										
65.0	75,800*										
70.0	71,000*	72.1	81,300*								
75.0	66,700*	75.0	78,500*								
80.0	62,700*	80.0	73,500*								
85.0	59,000*	85.0	69,000*								
90.0	55,800*	90.0	64,900*	91.8	60,100						
95.0	52,800*	95.0	61,200*	95.0	57,700						
100.0	50,100*	100.0	57,800*	100.0	54,000						
110.0	45,000*	110.0	51,900	110.0	47,800	118.1	40,500				
111.5	44,300*	120.0	46,600	120.0	42,800	120.0	39,800				
		124.6	44,300	130.0	38,600	130.0	35,900	137.7	30,200		
				137.7	35,900	140.0	32,600	140.0	29,500		
						150.0	29,700	150.0	26,800	157.4	23,100
						157.4	27,900	160.0	24,600	160.0	22,600
								170.0	22,800	170.0	20,800
								170.6	22,700	180.0	19,200
										183.7	18,700
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

Luffing Jib Lift Capacities

Full Counterweights (200,900 lbs) - Carbody weights (60,400 lbs)

180' Boom

110 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)
45.9	85,900*										
46.0	85,900*										
48.0	85,500*										
50.0	85,100*										
55.0	83,600*										
60.0	80,900*										
65.0	75,600*										
70.0	70,800*	72.1	81,300*								
75.0	66,500*	75.0	78,400*								
80.0	62,600*	80.0	73,300*								
85.0	59,000*	85.0	68,800*								
90.0	55,800*	90.0	64,700*								
95.0	52,900*	95.0	61,100*	98.4	54,600						
100.0	50,200*	100.0	57,800*	100.0	53,600						
110.0	45,200*	110.0	51,600	110.0	47,400						
118.1	41,600*	120.0	46,200	120.0	42,500	124.6	37,400				
		130.0	41,900	130.0	38,300	130.0	35,500				
		131.2	41,400	140.0	34,800	140.0	32,100	144.3	27,700		
				150.0	31,800	150.0	29,300	150.0	26,400		
				150.9	31,500	160.0	27,000	160.0	24,100	164.0	21,300
						164.0	26,200	170.0	22,300	170.0	20,300
								177.1	21,100	180.0	18,700
										190.0	17,200
										196.8	16,300
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

120 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)
52.4	73,600*										
55.0	73,100*										
60.0	72,100*										
65.0	71,100*										
70.0	68,900*										
75.0	65,700*	78.7	74,200*								
80.0	61,900*	80.0	73,100*								
85.0	58,400*	85.0	68,800*								
90.0	55,300*	90.0	64,700*								
95.0	52,500*	95.0	61,000*								
100.0	49,900*	100.0	57,600	104.9	50,400						
110.0	45,200*	110.0	51,400	110.0	47,600						
120.0	41,100*	120.0	46,000	120.0	42,600	124.6	37,000				
124.6	39,200*	130.0	41,700	130.0	38,400	130.0	35,000				
		140.0	37,800	140.0	34,800	140.0	31,900				
		144.3	36,300	150.0	31,800	150.0	29,100	150.9	26,200		
				157.4	29,900	160.0	26,700	160.0	24,100		
						170.0	24,500	170.0	22,300	170.6	19,800
						177.1	23,300	180.0	20,500	180.0	18,300
								190.0	19,000	190.0	17,000
								190.2	18,900	200.0	15,600
										203.4	15,200
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

180' Boom

130 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)
52.4	59,500*										
55.0	59,500*										
60.0	59,500*										
65.0	59,500*										
70.0	59,500*										
75.0	59,500*	78.7	59,500*								
80.0	59,200*	80.0	59,500*								
85.0	58,200*	85.0	59,500*								
90.0	55,300*	90.0	59,500*								
95.0	52,500*	95.0	59,100*								
100.0	49,900*	100.0	57,500	104.9	50,000						
110.0	45,200*	110.0	51,200	110.0	47,100						
120.0	41,100*	120.0	45,800	120.0	42,100						
130.0	37,400*	130.0	41,300	130.0	37,900	131.2	34,300				
137.7	35,000*	140.0	37,600	140.0	34,600	140.0	31,500				
		150.0	34,400	150.0	31,500	150.0	28,600	157.4	24,200		
		150.9	34,100	160.0	28,900	160.0	26,300	160.0	23,700		
				170.0	26,700	170.0	24,300	170.0	21,900	177.1	18,200
				170.6	26,600	180.0	22,400	180.0	20,200	180.0	17,900
						183.7	21,800	190.0	18,700	190.0	16,300
								196.8	17,800	200.0	15,100
										210.0	13,800
										216.5	13,200
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

140 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	59,500*										
60.0	59,500*										
65.0	59,500*										
70.0	59,500*										
75.0	59,500*										
80.0	59,200*										
85.0	58,200*	85.3	59,500*								
90.0	55,300*	90.0	59,500*								
95.0	52,500*	95.0	59,100								
100.0	49,900*	100.0	57,500								
110.0	45,200*	110.0	50,900	111.5	46,000						
120.0	41,100*	120.0	45,600	120.0	41,900						
130.0	37,600*	130.0	41,200	130.0	37,900	137.7	31,900				
140.0	34,600*	140.0	37,600	140.0	34,300	140.0	31,200				
144.3	33,200*	150.0	34,200	150.0	31,300	150.0	28,600				
		160.0	31,500	160.0	28,900	160.0	26,100	164.0	22,900		
		164.0	30,400	170.0	26,500	170.0	24,100	170.0	21,700		
				177.1	25,100	180.0	22,200	180.0	20,000	183.7	16,900
						190.0	20,700	190.0	18,500	190.0	16,100
						196.8	19,600	200.0	17,200	200.0	14,800
								209.9	16,000	210.0	13,600
										220.0	12,600
										223.0	12,300
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

Luffing Jib Lift Capacities

Full Counterweights (200,900 lbs) - Carbody weights (60,400 lbs)

180' Boom

150 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	55,900*										
60.0	55,900*										
65.0	55,300*										
70.0	54,800*										
75.0	54,300*										
80.0	53,800*										
85.0	53,300*	85.3	55,500*								
90.0	52,800*	90.0	55,000*								
95.0	51,600*	95.0	54,500								
100.0	49,600*	100.0	54,000								
110.0	44,900*	110.0	50,700	118.1	42,500						
120.0	41,100*	120.0	45,400	120.0	41,600						
130.0	37,600*	130.0	40,800	130.0	37,400						
140.0	34,400*	140.0	37,100	140.0	33,900	144.3	29,700				
150.0	31,700*	150.0	34,000	150.0	31,100	150.0	28,200				
157.4	29,100*	160.0	31,200	160.0	28,500	160.0	25,800				
		170.0	28,800	170.0	26,100	170.0	23,700	170.6	21,100		
		170.6	28,600	180.0	24,300	180.0	22,000	180.0	19,500		
				190.0	22,500	190.0	20,300	190.0	18,100	190.2	15,600
				190.2	22,400	200.0	18,900	200.0	16,700	200.0	14,300
						203.4	18,500	210.0	15,400	210.0	13,200
								216.5	14,700	220.0	12,200
										229.6	11,200
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

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	50,700*										
60.0	50,600*										
65.0	50,100*										
70.0	49,600*										
75.0	49,000*										
80.0	48,500*										
85.0	48,000*										
90.0	47,500*	91.8	49,800*								
95.0	47,000*	95.0	49,500*								
100.0	46,200*	100.0	49,000*								
110.0	43,000*	110.0	47,900*	118.1	42,500						
120.0	40,000*	120.0	45,000	120.0	41,700						
130.0	37,000*	130.0	41,000	130.0	37,500						
140.0	34,000*	140.0	37,300	140.0	34,100	144.3	29,700				
150.0	31,500*	150.0	34,000	150.0	31,100	150.0	28,200				
160.0	29,000*	160.0	31,200	160.0	28,500	160.0	25,800				
164.0	28,200*	170.0	28,800	170.0	26,300	170.0	23,700	170.6	21,100		
		180.0	26,700	180.0	24,300	180.0	22,000	180.0	19,500		
		183.7	26,000	190.0	22,500	190.0	20,300	190.0	18,100	196.8	14,700
				196.8	21,300	200.0	18,900	200.0	16,700	200.0	14,300
						209.9	17,600	210.0	15,400	210.0	13,200
								220.0	14,400	220.0	12,200
								229.6	13,400	230.0	11,200
										240.0	10,400
										242.7	10,100
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

180' Boom

170 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)
65.6	45,400*										
70.0	44,900*										
75.0	44,400*										
80.0	43,900*										
85.0	43,400*										
90.0	42,900*	91.8	44,700*								
95.0	42,400*	95.0	43,800*								
100.0	41,600*	100.0	42,200*								
110.0	38,600*	110.0	39,000*								
120.0	35,500*	120.0	36,000*	124.6	35,000*						
130.0	32,500*	130.0	33,200*	130.0	33,600*						
140.0	29,800*	140.0	30,500*	140.0	31,000*						
150.0	27,100*	150.0	28,000*	150.0	28,600*	150.9	27,300				
160.0	24,500*	160.0	25,600*	160.0	26,300*	160.0	25,200				
170.0	21,900*	170.0	23,200*	170.0	23,900*	170.0	23,000	177.1	19,400		
177.1	20,200*	180.0	20,900*	180.0	21,900*	180.0	21,300	180.0	18,900		
		190.0	18,700*	190.0	19,800*	190.0	19,600	190.0	17,400		
		190.2	18,700*	200.0	17,800*	200.0	18,300	200.0	15,800	203.4	13,000
				209.9	15,800*	210.0	16,700*	210.0	14,700	210.0	12,300
						220.0	14,900*	220.0	13,500	220.0	11,300
						223.0	14,300*	230.0	12,500	230.0	10,300
								236.2	11,900	240.0	9,500
										249.3	8,800
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

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)
65.6	41,200*										
70.0	40,900*										
75.0	40,500*										
80.0	40,200*										
85.0	39,700*										
90.0	39,300*										
95.0	39,000*	98.4	40,100*								
100.0	38,400*	100.0	39,800*								
110.0	35,700*	110.0	37,400*								
120.0	33,000*	120.0	34,500*	124.6	33,700*						
130.0	30,600*	130.0	31,800*	130.0	32,400*						
140.0	28,400*	140.0	29,500*	140.0	30,100*						
150.0	26,600*	150.0	27,500*	150.0	27,900*	157.4	25,500				
160.0	24,800*	160.0	25,500*	160.0	25,900*	160.0	24,900				
170.0	22,600*	170.0	23,400*	170.0	23,900*	170.0	23,000				
180.0	20,400*	180.0	21,400*	180.0	21,900*	180.0	21,100	183.7	18,000		
183.7	19,400*	190.0	19,400*	190.0	20,100*	190.0	19,400	190.0	17,000		
		200.0	17,200*	200.0	18,200*	200.0	18,000	200.0	15,600	209.9	12,100
		203.4	16,500*	210.0	16,300*	210.0	16,700	210.0	14,500	210.0	12,100
				216.5	15,200*	220.0	15,200*	220.0	13,300	220.0	11,100
						229.6	13,600*	230.0	12,300	230.0	10,100
								240.0	11,400	240.0	9,300
								249.3	10,500	250.0	8,500
										262.4	7,700
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

Luffing Jib Lift Capacities

Full Counterweights (200,900 lbs) - Carbody weights (60,400 lbs)

180' Boom

190 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)
72.1	37,000*										
75.0	36,800*										
80.0	36,500*										
85.0	36,100*										
90.0	35,800*										
95.0	35,500*	98.4	36,300*								
100.0	34,800*	100.0	36,100*								
110.0	32,100*	110.0	33,700*								
120.0	29,800*	120.0	31,300*								
130.0	27,800*	130.0	28,900*	131.2	29,700*						
140.0	25,800*	140.0	26,800*	140.0	27,900*						
150.0	24,100*	150.0	25,000*	150.0	25,900*						
160.0	22,700*	160.0	23,400*	160.0	24,200*	164.0	23,800				
170.0	21,200*	170.0	21,900*	170.0	22,500*	170.0	22,600				
180.0	18,000*	180.0	20,500*	180.0	21,000*	180.0	20,600				
190.0	14,600*	190.0	19,000*	190.0	19,200*	190.0	19,200	190.2	16,500		
196.8	12,500*	200.0	17,100*	200.0	17,600*	200.0	17,600	200.0	15,200		
		210.0	15,200*	210.0	16,000*	210.0	16,300	210.0	14,100	216.5	11,000
				220.0	14,400*	220.0	14,800*	220.0	12,800	220.0	10,600
				229.6	12,700*	230.0	13,300*	230.0	11,800	230.0	9,600
						240.0	11,800*	240.0	10,900	240.0	8,800
						242.7	11,400*	250.0	10,000	250.0	8,100
								255.9	9,700	260.0	7,400
										269.0	6,800
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

200 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)
72.1	33,700*										
75.0	33,500*										
80.0	33,200*										
85.0	32,800*										
90.0	32,500*										
95.0	32,000*										
100.0	31,300*	104.9	31,700*								
110.0	29,000*	110.0	30,500*								
120.0	26,900*	120.0	28,200*								
130.0	25,100*	130.0	26,200*	137.7	25,700*						
140.0	23,400*	140.0	24,300*	140.0	25,300*						
150.0	21,900*	150.0	22,800*	150.0	23,500*						
160.0	20,600*	160.0	21,200*	160.0	21,900*	164.0	22,000*				
170.0	19,400*	170.0	19,900*	170.0	20,500*	170.0	21,000*				
180.0	15,900*	180.0	18,700*	180.0	19,200*	180.0	19,600*				
190.0	12,400*	190.0	17,600*	190.0	18,100*	190.0	18,500*	196.8	15,200		
200.0	9,400*	200.0	16,600*	200.0	16,900*	200.0	16,900*	200.0	14,700		
203.4	8,300*	210.0	13,800*	210.0	15,600*	210.0	15,600*	210.0	13,600		
		220.0	10,200*	220.0	14,000*	220.0	14,300*	220.0	12,400	223.0	9,900
		223.0	9,200*	230.0	12,700*	230.0	12,900*	230.0	11,400	230.0	9,200
				236.2	11,600*	240.0	11,600*	240.0	10,600	240.0	8,400
						249.3	10,300*	250.0	9,600	250.0	7,600
								260.0	8,900	260.0	7,000
								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

Luffing Jib Lift Capacities

Full Counterweights (200,900 lbs) - Carbody weights (60,400 lbs)

190' Boom

70 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)
39.3	89,200*										
40.0	88,800*										
42.0	87,400*										
44.0	86,000*										
46.0	84,500*										
48.0	82,500*										
50.0	80,500*										
55.0	76,000*	59.0	89,200*								
60.0	71,700*	60.0	88,200*								
65.0	66,700*	65.0	82,800*								
70.0	62,400*	70.0	76,900*								
75.0	58,400*	75.0	71,400*								
78.7	55,500*	80.0	66,500*								
		85.0	62,000*	85.3	66,300						
		90.0	58,000*	90.0	62,200						
		95.0	54,400*	95.0	58,200						
		98.4	52,000*	100.0	54,400	104.9	47,100				
				110.0	48,200	110.0	44,400				
				111.5	47,300	120.0	39,800	124.6	34,800		
						130.0	35,900	130.0	33,000		
						131.2	35,400	140.0	29,800	144.3	26,000
								144.3	28,600	150.0	24,800
										157.4	23,100
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

80 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)
39.3	89,200*										
40.0	88,800*										
42.0	87,300*										
44.0	85,800*										
46.0	84,300*										
48.0	82,400*										
50.0	80,400*										
55.0	76,000*										
60.0	71,800*										
65.0	66,900*	65.6	80,200*								
70.0	62,600*	70.0	75,300*								
75.0	58,700*	75.0	70,200*								
80.0	55,100*	80.0	65,500*								
85.0	51,700*	85.0	61,300*	85.3	65,900						
90.0	48,700*	90.0	57,500*	90.0	61,800						
91.8	47,600*	95.0	54,200*	95.0	57,700						
		100.0	51,000*	100.0	54,000						
		104.9	48,000*	110.0	47,800	111.5	43,600				
				120.0	42,800	120.0	39,800				
				124.6	40,700	130.0	35,900	131.2	31,900		
						137.7	33,200	140.0	29,300		
								150.0	26,800	150.9	24,400
								157.4	25,100	160.0	22,500
										170.0	20,800
										170.6	20,700
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

190' Boom

90 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)
45.9	87,000*										
46.0	86,900*										
48.0	84,400*										
50.0	81,800*										
55.0	75,900*										
60.0	70,500*										
65.0	65,800*	65.6	80,000*								
70.0	61,700*	70.0	75,100*								
75.0	57,900*	75.0	70,000*								
80.0	54,500*	80.0	65,500*								
85.0	51,500*	85.0	61,300*								
90.0	48,600*	90.0	57,500*	91.8	59,900						
95.0	46,000*	95.0	54,200*	95.0	57,600						
98.4	44,300*	100.0	51,100*	100.0	54,000						
		110.0	45,700*	110.0	47,800	111.5	43,200				
		118.1	41,800*	120.0	42,800	120.0	39,300				
				130.0	38,600	130.0	35,500	137.7	29,900		
				131.2	38,100	140.0	32,100	140.0	29,300		
						150.0	29,300	150.0	26,700	157.4	22,400
						150.9	29,100	160.0	24,600	160.0	22,000
								164.0	23,800	170.0	20,300
										177.1	19,100
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

100 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)
45.9	86,800*										
46.0	86,700*										
48.0	84,200*										
50.0	81,600*										
55.0	75,700*										
60.0	70,500*										
65.0	65,800*										
70.0	61,800*	72.1	72,700*								
75.0	58,100*	75.0	70,000*								
80.0	54,700*	80.0	65,500*								
85.0	51,500*	85.0	61,300*								
90.0	48,800*	90.0	57,700*								
95.0	46,200*	95.0	54,400*	98.4	54,600						
100.0	43,800*	100.0	51,300*	100.0	53,600						
110.0	39,400*	110.0	45,900*	110.0	47,600	118.1	39,900				
111.5	38,800*	120.0	41,300	120.0	42,600	120.0	39,000				
		124.6	39,400	130.0	38,500	130.0	35,200				
				140.0	35,000	140.0	31,900	144.3	27,700		
				144.3	33,700	150.0	29,100	150.0	26,400		
						157.4	27,300	160.0	24,100	164.0	20,900
								170.0	22,300	170.0	19,900
								177.1	21,100	180.0	18,300
										190.0	17,000
										190.2	16,900
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

Luffing Jib Lift Capacities

Full Counterweights (200,900 lbs) - Carbody weights (60,400 lbs)

190' Boom

110 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)
45.9	82,000*										
46.0	81,900*										
48.0	80,800*										
50.0	79,600*										
55.0	75,500*										
60.0	70,300*										
65.0	65,800*										
70.0	61,700*	72.1	72,300*								
75.0	57,900*	75.0	69,700*								
80.0	54,500*	80.0	65,200*								
85.0	51,500*	85.0	61,100*								
90.0	48,800*	90.0	57,500*								
95.0	46,200*	95.0	54,200*	98.4	54,200						
100.0	43,800*	100.0	51,100*	100.0	53,200						
110.0	39,600*	110.0	45,900*	110.0	47,100						
118.1	36,300*	120.0	41,300*	120.0	42,300	124.6	36,500				
		130.0	37,400*	130.0	38,100	130.0	34,800				
		137.7	34,600*	140.0	34,600	140.0	31,500				
				150.0	31,700	150.0	28,800	150.9	25,700		
				150.9	31,500	160.0	26,300	160.0	23,700		
						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
										196.8	15,400
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

120 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)
52.4	59,500*										
55.0	59,500*										
60.0	59,500*										
65.0	59,500*										
70.0	59,500*										
75.0	57,700*	78.7	59,500*								
80.0	54,500*	80.0	59,500*								
85.0	51,500*	85.0	59,500*								
90.0	48,600*	90.0	56,900*								
95.0	46,100*	95.0	54,000*								
100.0	43,800*	100.0	51,100*	104.9	49,800						
110.0	39,600*	110.0	45,700*	110.0	46,900						
120.0	35,900*	120.0	41,300*	120.0	41,900						
130.0	32,600*	130.0	37,400*	130.0	37,900	131.2	33,900				
131.2	32,100*	140.0	34,000*	140.0	34,300	140.0	31,200				
		144.3	32,600*	150.0	31,300	150.0	28,400	150.9	25,300		
				160.0	28,900	160.0	26,100	160.0	23,500		
				164.0	27,900	170.0	24,100	170.0	21,500	177.1	17,800
						177.1	22,700	180.0	19,900	180.0	17,400
								190.0	18,300	190.0	15,900
								190.2	18,200	200.0	14,700
										209.9	13,600
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

190' Boom

130 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)
52.4	59,500*										
55.0	59,500*										
60.0	59,500*										
65.0	59,500*										
70.0	59,500*										
75.0	57,600*	78.7	59,500*								
80.0	54,300*	80.0	59,500*								
85.0	51,300*	85.0	59,500*								
90.0	48,600*	90.0	56,800*								
95.0	46,000*	95.0	53,800*								
100.0	43,600*	100.0	50,900*								
110.0	39,500*	110.0	45,700*	111.5	45,600						
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				
137.7	30,400*	140.0	34,100*	140.0	34,000	140.0	30,800				
		150.0	31,100*	150.0	31,100	150.0	28,000	157.4	23,500		
		157.4	29,100*	160.0	28,500	160.0	25,700	160.0	23,000		
				170.0	26,300	170.0	23,700	170.0	21,200		
				170.6	26,200	180.0	22,000	180.0	19,500	183.7	16,300
						190.0	20,300	190.0	18,100	190.0	15,400
						190.2	20,200	200.0	16,700	200.0	14,200
								203.4	16,300	210.0	13,200
										216.5	12,500
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

140 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	59,500*										
60.0	59,500*										
65.0	59,500*										
70.0	59,500*										
75.0	57,600*										
80.0	54,300*										
85.0	51,300*	85.3	59,500*								
90.0	48,600*	90.0	56,800*								
95.0	46,000*	95.0	53,800*								
100.0	43,600*	100.0	50,900*								
110.0	39,500*	110.0	45,700*	111.5	45,400						
120.0	35,900*	120.0	41,300*	120.0	41,500						
130.0	32,700*	130.0	37,400*	130.0	37,300	137.7	31,300				
140.0	30,000*	140.0	34,100*	140.0	33,900	140.0	30,600				
144.3	28,800*	150.0	31,300*	150.0	30,900	150.0	27,900				
		160.0	28,600*	160.0	28,500	160.0	25,600	164.0	22,000		
		164.0	27,500*	170.0	26,100	170.0	23,400	170.0	21,000		
				180.0	24,200	180.0	21,700	180.0	19,300		
				183.7	23,500	190.0	20,100	190.0	17,800	190.2	15,200
						196.8	19,100	200.0	16,500	200.0	14,000
								209.9	15,200	210.0	13,000
										220.0	11,900
										229.6	11,000
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

Luffing Jib Lift Capacities

Full Counterweights (200,900 lbs) - Carbody weights (60,400 lbs)

190' Boom

150 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	54,000*										
60.0	53,900*										
65.0	53,400*										
70.0	52,900*										
75.0	52,400*										
80.0	51,800*										
85.0	50,900*	85.3	53,500*								
90.0	48,400*	90.0	53,000*								
95.0	45,800*	95.0	51,600*								
100.0	43,400*	100.0	49,400*								
110.0	39,300*	110.0	44,300*	118.1	41,800						
120.0	35,800*	120.0	40,300*	120.0	41,000						
130.0	32,700*	130.0	36,700*	130.0	36,800						
140.0	29,900*	140.0	33,500*	140.0	33,500	144.3	29,300				
150.0	27,500*	150.0	30,800*	150.0	30,600	150.0	27,900				
157.4	25,700*	160.0	28,200*	160.0	28,000	160.0	25,600				
		170.0	26,100*	170.0	25,900	170.0	23,400	170.6	20,500		
		170.6	26,000*	180.0	23,800	180.0	21,700	180.0	18,900		
				190.0	22,000	190.0	20,100	190.0	17,400	196.8	14,300
				190.2	22,000	200.0	18,700	200.0	16,100	200.0	13,900
						203.4	18,200	210.0	14,700	210.0	12,700
								220.0	13,700	220.0	11,700
								223.0	13,400	230.0	10,900
										236.2	10,300
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

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	49,100*										
60.0	49,000*										
65.0	48,500*										
70.0	48,000*										
75.0	47,500*										
80.0	47,000*										
85.0	46,500*										
90.0	46,000*	91.8	48,200*								
95.0	44,500*	95.0	47,900*								
100.0	42,500*	100.0	47,300*								
110.0	38,400*	110.0	44,300*	118.1	41,800						
120.0	35,100*	120.0	40,000*	120.0	41,000						
130.0	32,200*	130.0	36,500*	130.0	37,000						
140.0	29,600*	140.0	33,300*	140.0	33,600						
150.0	27,300*	150.0	30,600*	150.0	30,600	150.9	27,300				
160.0	25,000*	160.0	28,200*	160.0	28,000	160.0	25,200				
164.0	24,200*	170.0	25,900*	170.0	25,900	170.0	23,200	177.1	19,400		
		180.0	23,800*	180.0	23,900	180.0	21,300	180.0	18,900		
		183.7	23,100*	190.0	22,300	190.0	19,800	190.0	17,400		
				196.8	21,100	200.0	18,300	200.0	16,100	203.4	13,000
						210.0	17,100	210.0	14,700	210.0	12,300
						216.5	16,300	220.0	13,700	220.0	11,300
								229.6	12,700	230.0	10,500
										240.0	9,600
										249.3	9,000
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

190' Boom

170 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)
65.6	44,000*										
70.0	43,600*										
75.0	43,100*										
80.0	42,600*										
85.0	42,100*										
90.0	41,600*										
95.0	41,100*	98.4	42,500*								
100.0	40,600*	100.0	42,000*								
110.0	38,400*	110.0	38,800*								
120.0	35,300*	120.0	35,800*	124.6	34,800*						
130.0	32,500*	130.0	33,100*	130.0	33,400*						
140.0	29,700*	140.0	30,400*	140.0	30,700*						
150.0	27,100*	150.0	27,900*	150.0	28,400*	157.4	25,100				
160.0	24,400*	160.0	25,400*	160.0	26,000*	160.0	24,600				
170.0	21,900*	170.0	23,000*	170.0	23,900*	170.0	22,600				
177.1	20,200*	180.0	20,900*	180.0	21,600*	180.0	20,600	183.7	17,400		
		190.0	18,700*	190.0	19,600*	190.0	19,200	190.0	16,500		
		190.2	18,700*	200.0	17,600*	200.0	17,800	200.0	15,200	209.9	11,400
				209.9	15,800*	210.0	16,500	210.0	13,800	210.0	11,400
						220.0	14,800*	220.0	12,800	220.0	10,400
						223.0	14,300*	230.0	11,800	230.0	9,600
								240.0	10,900	240.0	8,700
								242.7	10,800	250.0	8,100
										255.9	7,700
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

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)
65.6	40,100*										
70.0	39,600*										
75.0	39,100*										
80.0	38,600*										
85.0	38,100*										
90.0	37,600*										
95.0	37,100*	98.4	39,200*								
100.0	36,600*	100.0	39,000*								
110.0	35,400*	110.0	37,200*								
120.0	33,000*	120.0	34,500*								
130.0	30,400*	130.0	31,800*	131.2	31,900*						
140.0	28,400*	140.0	29,500*	140.0	29,900*						
150.0	26,600*	150.0	27,500*	150.0	27,700*	157.4	24,900				
160.0	24,800*	160.0	25,400*	160.0	25,600*	160.0	24,400				
170.0	22,200*	170.0	23,200*	170.0	23,600*	170.0	22,300				
180.0	18,800*	180.0	21,200*	180.0	21,600*	180.0	20,600				
183.7	17,600*	190.0	19,200*	190.0	19,800*	190.0	19,000	190.2	16,300		
		200.0	17,200*	200.0	17,900*	200.0	17,600	200.0	15,000		
		203.4	16,500*	210.0	16,300*	210.0	16,300	210.0	13,600	216.5	10,500
				216.5	15,200*	220.0	15,100*	220.0	12,600	220.0	10,200
						230.0	13,600*	230.0	11,600	230.0	9,400
						236.2	12,500*	240.0	10,700	240.0	8,500
								249.3	9,900	250.0	7,800
										260.0	7,200
										269.0	6,600
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

Luffing Jib Lift Capacities

Full Counterweights (200,900 lbs) - Carbody weights (60,400 lbs)

190' Boom

190 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)
72.1	36,100*										
75.0	35,900*										
80.0	35,600*										
85.0	35,200*										
90.0	34,900*										
95.0	34,600*										
100.0	34,100*	104.9	35,200*								
110.0	32,100*	110.0	33,700*								
120.0	29,800*	120.0	31,000*								
130.0	27,800*	130.0	28,900*	131.2	29,700*						
140.0	25,800*	140.0	26,800*	140.0	27,700*						
150.0	24,100*	150.0	25,000*	150.0	25,900*						
160.0	22,500*	160.0	23,300*	160.0	24,000*	164.0	23,100				
170.0	20,000*	170.0	21,900*	170.0	22,500*	170.0	21,900				
180.0	16,400*	180.0	20,500*	180.0	20,600*	180.0	20,200				
190.0	13,300*	190.0	18,700*	190.0	19,000*	190.0	18,500	196.8	14,900		
196.8	11,200*	200.0	17,100*	200.0	17,500*	200.0	17,200	200.0	14,500		
		209.9	14,100*	210.0	15,800*	210.0	15,800	210.0	13,200		
				220.0	14,100*	220.0	14,500*	220.0	12,200	223.0	9,400
				229.6	12,500*	230.0	13,100*	230.0	11,200	230.0	8,700
						240.0	11,600*	240.0	10,300	240.0	8,100
						242.7	11,200*	250.0	9,400	250.0	7,400
								260.0	8,700	260.0	6,700
								262.4	8,500	270.0	6,100
										275.5	5,700
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

200 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)
72.1	32,800*										
75.0	32,600*										
80.0	32,300*										
85.0	31,900*										
90.0	31,600*										
95.0	31,300*										
100.0	30,800*	104.9	31,700*								
110.0	29,000*	110.0	30,500*								
120.0	26,900*	120.0	28,200*								
130.0	25,100*	130.0	26,000*	137.7	25,500*						
140.0	23,400*	140.0	24,300*	140.0	25,200*						
150.0	21,900*	150.0	22,600*	150.0	23,500*						
160.0	20,600*	160.0	21,200*	160.0	21,900*						
170.0	18,000*	170.0	19,900*	170.0	20,300*	170.6	20,900*				
180.0	14,400*	180.0	18,600*	180.0	19,200*	180.0	19,500*				
190.0	11,100*	190.0	17,600*	190.0	18,100*	190.0	18,100*				
200.0	8,100*	200.0	16,000*	200.0	16,800*	200.0	16,700*	203.4	13,600		
203.4	7,200*	210.0	12,700*	210.0	15,400*	210.0	15,400*	210.0	12,700		
		220.0	9,100*	220.0	13,900*	220.0	14,000*	220.0	11,700	229.6	8,500
		223.0	8,100*	230.0	12,500*	230.0	12,700*	230.0	10,700	230.0	8,500
				236.2	11,400*	240.0	11,300*	240.0	9,900	240.0	7,600
						250.0	10,000*	250.0	9,100	250.0	7,000
						255.9	9,200*	260.0	8,300	260.0	6,300
								269.0	7,700	269.0	5,700
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

Luffing Jib Lift Capacities

Full Counterweights (200,900 lbs) - Carbody weights (60,400 lbs)

200' Boom

100 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)
45.9	77,100*										
46.0	77,000*										
48.0	74,700*										
50.0	72,500*										
55.0	67,200*										
60.0	62,400*										
65.0	58,200*										
70.0	54,600*	72.1	64,800*								
75.0	51,300*	75.0	62,400*								
80.0	48,200*	80.0	58,300*								
85.0	45,500*	85.0	54,400*								
90.0	43,000*	90.0	51,200*								
95.0	40,700*	95.0	48,200*	98.4	54,000						
100.0	38,600*	100.0	45,500*	100.0	53,000						
110.0	34,700*	110.0	40,600*	110.0	46,900						
111.5	34,100*	120.0	36,400*	120.0	41,900	124.6	36,100				
		124.6	34,600*	130.0	37,900	130.0	34,300				
				140.0	34,500	140.0	31,100	144.3	26,800		
				144.3	33,000	150.0	28,400	150.0	25,500		
						160.0	26,000	160.0	23,300		
						164.0	25,100	170.0	21,400	170.6	18,700
								177.1	20,200	180.0	17,200
										190.0	15,700
										196.8	14,900
Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4	Reeves	4

110 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)
45.9	59,500*										
46.0	59,500*										
48.0	59,500*										
50.0	59,500*										
55.0	59,500*										
60.0	59,200*										
65.0	57,700*										
70.0	54,400*										
75.0	51,100*	78.7	56,800*								
80.0	48,000*	80.0	56,000*								
85.0	45,300*	85.0	52,600*								
90.0	42,800*	90.0	49,600*								
95.0	40,500*	95.0	46,800*								
100.0	38,400*	100.0	44,200*	104.9	49,300						
110.0	34,700*	110.0	39,600*	110.0	46,500						
118.1	31,900*	120.0	35,700*	120.0	41,600	124.6	36,100				
		130.0	32,300*	130.0	37,400	130.0	34,100				
		137.7	30,200*	140.0	34,100	140.0	31,000				
				150.0	31,100	150.0	28,400	150.9	24,600		
				150.9	30,800	160.0	26,000	160.0	22,800		
						170.0	23,900	170.0	21,000	177.1	17,400
						170.6	23,800	180.0	19,400	180.0	17,000
								190.0	17,900	190.0	15,600
								190.2	17,800	200.0	14,400
										203.4	14,100
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

200' Boom

120 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)
52.4	59,500*										
55.0	59,500*										
60.0	59,200*										
65.0	57,700*										
70.0	54,200*										
75.0	50,900*	78.7	56,600*								
80.0	48,000*	80.0	55,800*								
85.0	45,300*	85.0	52,400*								
90.0	42,800*	90.0	49,400*								
95.0	40,500*	95.0	46,500*								
100.0	38,300*	100.0	44,000*	104.9	48,900						
110.0	34,600*	110.0	39,600*	110.0	46,200						
120.0	31,300*	120.0	35,700*	120.0	41,200						
130.0	28,500*	130.0	32,300*	130.0	37,200	131.2	33,500				
131.2	28,200*	140.0	29,600*	140.0	33,700	140.0	30,800				
		144.3	28,400*	150.0	30,800	150.0	28,000	157.4	23,100		
				160.0	28,200	160.0	25,700	160.0	22,600		
				164.0	27,300	170.0	23,700	170.0	20,600		
						177.1	22,400	180.0	19,100	183.7	16,000
								190.0	17,600	190.0	15,200
								196.8	16,700	200.0	14,000
										209.9	13,000
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

130 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)
52.4	59,500*										
55.0	59,500*										
60.0	59,200*										
65.0	57,500*										
70.0	54,000*										
75.0	50,700*										
80.0	47,800*										
85.0	45,100*	85.3	52,000*								
90.0	42,600*	90.0	49,100*								
95.0	40,200*	95.0	46,300*								
100.0	38,200*	100.0	43,700*								
110.0	34,500*	110.0	39,400*	111.5	44,900						
120.0	31,300*	120.0	35,600*	120.0	40,900						
130.0	28,500*	130.0	32,300*	130.0	36,800	137.7	31,000				
137.7	26,400*	140.0	29,300*	140.0	33,500	140.0	30,400				
		150.0	26,800*	150.0	30,600	150.0	27,700				
		157.4	25,100*	160.0	28,000	160.0	25,400	164.0	21,300		
				170.0	25,700	170.0	23,400	170.0	20,300		
				170.6	25,500	180.0	21,500	180.0	18,700		
						190.0	20,100	190.0	17,200	190.2	14,700
						190.2	20,000	200.0	15,800	200.0	13,500
								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

Luffing Jib Lift Capacities

Full Counterweights (200,900 lbs) - Carbody weights (60,400 lbs)

200' Boom

140 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	57,000*										
60.0	57,000*										
65.0	56,600*										
70.0	53,800*										
75.0	50,700*										
80.0	47,700*										
85.0	44,900*	85.3	51,800*								
90.0	42,500*	90.0	49,100*								
95.0	40,200*	95.0	46,300*								
100.0	38,200*	100.0	43,700*								
110.0	34,500*	110.0	39,400*	111.5	44,700						
120.0	31,300*	120.0	35,500*	120.0	40,800						
130.0	28,500*	130.0	32,300*	130.0	36,800						
140.0	26,100*	140.0	29,400*	140.0	33,200	144.3	29,100				
150.0	23,800*	150.0	26,900*	150.0	30,400	150.0	27,500				
150.9	23,500*	160.0	24,700*	160.0	27,800	160.0	25,200				
		164.0	23,800*	170.0	25,600	170.0	23,200	170.6	20,000		
				180.0	23,600	180.0	21,500	180.0	18,400		
				183.7	22,900	190.0	19,800	190.0	17,000	196.8	13,600
						196.8	18,900	200.0	15,600	200.0	13,300
								210.0	14,300	210.0	12,300
								216.5	13,600	220.0	11,300
										229.6	10,300
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

150 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	52,000*										
60.0	51,900*										
65.0	51,400*										
70.0	50,900*										
75.0	49,500*										
80.0	47,300*										
85.0	44,600*										
90.0	42,300*	91.8	47,600*								
95.0	40,000*	95.0	46,000*								
100.0	37,900*	100.0	43,500*								
110.0	34,300*	110.0	39,200*	118.1	41,200						
120.0	31,100*	120.0	35,200*	120.0	40,400						
130.0	28,300*	130.0	32,100*	130.0	36,300						
140.0	25,900*	140.0	29,200*	140.0	32,800						
150.0	23,700*	150.0	26,800*	150.0	30,000	150.9	26,800				
157.4	22,200*	160.0	24,600*	160.0	27,600	160.0	24,800				
		170.0	22,600*	170.0	25,200	170.0	22,800	177.1	18,200		
		177.1	21,100*	180.0	23,400	180.0	21,100	180.0	17,900		
				190.0	21,600	190.0	19,400	190.0	16,300		
				190.2	21,600	200.0	18,000	200.0	15,100	203.4	12,300
						210.0	16,900	210.0	13,800	210.0	11,600
								220.0	12,800	220.0	10,700
								223.0	12,500	230.0	9,800
										240.0	9,200
										242.7	9,000
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

200' Boom

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)
65.6	46,700*										
70.0	46,200*										
75.0	45,700*										
80.0	45,000*										
85.0	43,500*										
90.0	41,200*	91.8	46,700*								
95.0	39,000*	95.0	45,400*								
100.0	37,100*	100.0	43,300*								
110.0	33,500*	110.0	38,900*								
120.0	30,500*	120.0	35,000*	124.6	38,500						
130.0	27,800*	130.0	31,800*	130.0	36,400						
140.0	25,700*	140.0	29,100*	140.0	33,000						
150.0	23,500*	150.0	26,600*	150.0	30,200	150.9	26,600				
160.0	21,600*	160.0	24,400*	160.0	27,600	160.0	24,500				
164.0	20,900*	170.0	22,300*	170.0	25,200	170.0	22,500				
		180.0	20,600*	180.0	23,200*	180.0	20,700	183.7	17,400		
		183.7	20,000*	190.0	21,400*	190.0	19,200	190.0	16,500		
				200.0	19,700*	200.0	17,800	200.0	15,200	209.9	11,200
				203.4	19,100*	210.0	16,500	210.0	13,800	210.0	11,200
						216.5	15,800	220.0	12,800	220.0	10,400
								230.0	11,800	230.0	9,400
								236.2	11,400	240.0	8,700
										249.3	8,100
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

170 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)
65.6	42,700*										
70.0	42,300*										
75.0	41,800*										
80.0	41,300*										
85.0	40,800*										
90.0	39,200*										
95.0	37,400*	98.4	41,000*								
100.0	35,600*	100.0	40,400*								
110.0	32,400*	110.0	36,700*								
120.0	29,500*	120.0	33,300*	124.6	34,300*						
130.0	27,100*	130.0	30,300*	130.0	32,900*						
140.0	25,100*	140.0	27,900*	140.0	30,300*						
150.0	23,100*	150.0	25,500*	150.0	27,900*	157.4	24,400				
160.0	21,300*	160.0	23,500*	160.0	25,700*	160.0	23,800				
170.0	20,100*	170.0	21,700*	170.0	23,500*	170.0	21,900				
177.1	18,900*	180.0	20,100*	180.0	21,400*	180.0	20,000	183.7	16,500		
		190.0	18,500*	190.0	19,400*	190.0	18,500	190.0	15,600		
		196.8	16,900*	200.0	17,500*	200.0	17,200	200.0	14,300		
				209.9	15,600*	210.0	15,800	210.0	13,000	216.5	9,700
						220.0	14,600	220.0	11,900	220.0	9,400
						229.6	13,000*	230.0	11,000	230.0	8,500
								240.0	10,200	240.0	7,900
								242.7	9,900	250.0	7,200
										260.0	6,500
										262.4	6,300
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

Luffing Jib Lift Capacities

Full Counterweights (200,900 lbs) - Carbody weights (60,400 lbs)

200' Boom

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)
65.6	39,000*										
70.0	38,500*										
75.0	38,000*										
80.0	37,500*										
85.0	37,000*										
90.0	36,500*										
95.0	35,600*	98.4	38,100*								
100.0	34,300*	100.0	37,700*								
110.0	31,200*	110.0	34,600*								
120.0	28,700*	120.0	31,600*								
130.0	26,500*	130.0	28,900*	131.2	31,000*						
140.0	24,500*	140.0	26,600*	140.0	29,000*						
150.0	22,600*	150.0	24,600*	150.0	26,800*						
160.0	21,000*	160.0	22,700*	160.0	24,800*	164.0	22,700				
170.0	19,700*	170.0	21,000*	170.0	22,800*	170.0	21,700				
180.0	17,000*	180.0	19,600*	180.0	21,000*	180.0	20,000				
183.7	15,800*	190.0	18,300*	190.0	19,200*	190.0	18,300	190.2	15,200		
		200.0	16,200*	200.0	17,300*	200.0	16,900	200.0	14,100		
		203.4	15,600*	210.0	15,600*	210.0	15,600	210.0	12,700		
				220.0	14,200*	220.0	14,500	220.0	11,700	223.0	9,000
				223.0	13,600*	230.0	13,300*	230.0	10,700	230.0	8,300
						236.2	12,300*	240.0	9,900	240.0	7,600
								250.0	9,200	250.0	7,000
								255.9	8,800	260.0	6,300
										269.0	5,700
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

190 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)
72.1	35,000*										
75.0	34,800*										
80.0	34,500*										
85.0	34,100*										
90.0	33,800*										
95.0	33,500*										
100.0	32,800*	104.9	34,100*								
110.0	30,100*	110.0	32,600*								
120.0	27,800*	120.0	29,700*								
130.0	25,600*	130.0	27,500*	137.7	28,200*						
140.0	23,800*	140.0	25,300*	140.0	27,700*						
150.0	22,200*	150.0	23,700*	150.0	25,700*						
160.0	20,600*	160.0	21,900*	160.0	23,900*						
170.0	18,000*	170.0	20,300*	170.0	22,100*	170.6	21,100				
180.0	14,700*	180.0	19,200*	180.0	20,400*	180.0	19,500				
190.0	11,700*	190.0	18,100*	190.0	18,700*	190.0	17,900	196.8	13,800		
196.8	9,700*	200.0	15,400*	200.0	17,100*	200.0	16,500	200.0	13,500		
		210.0	12,500*	210.0	15,600*	210.0	15,200	210.0	12,300		
		216.5	10,500*	220.0	13,900*	220.0	14,000	220.0	11,300	229.6	7,900
				229.6	12,300*	230.0	12,700*	230.0	10,300	230.0	7,900
						240.0	11,300*	240.0	9,500	240.0	7,200
						249.3	10,100*	250.0	8,700	250.0	6,300
								260.0	8,100	255.9	6,100
								262.4	7,900		
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2

200' Boom

200 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)
72.1	31,900*										
75.0	31,700*										
80.0	31,400*										
85.0	31,100*										
90.0	30,700*										
95.0	30,400*										
100.0	30,000*	104.9	31,000*								
110.0	28,900*	110.0	30,200*								
120.0	26,700*	120.0	28,000*								
130.0	24,900*	130.0	26,000*	137.7	25,500*						
140.0	23,200*	140.0	24,100*	140.0	25,100*						
150.0	21,700*	150.0	22,600*	150.0	23,300*						
160.0	19,800*	160.0	21,000*	160.0	21,700*						
170.0	16,300*	170.0	19,700*	170.0	20,300*	170.6	20,500*				
180.0	12,900*	180.0	18,600*	180.0	19,000*	180.0	19,100				
190.0	9,700*	190.0	17,400*	190.0	17,800*	190.0	17,600				
200.0	6,900*	200.0	14,800*	200.0	16,500*	200.0	16,100	203.4	12,700		
203.4	6,100*	210.0	11,400*	210.0	14,900*	210.0	14,700	210.0	11,900		
		220.0	8,000*	220.0	13,600*	220.0	13,600	220.0	10,800		
		223.0	7,000*	230.0	12,200*	230.0	12,200*	230.0	10,100	236.2	7,000
				240.0	9,100*	240.0	10,900*	240.0	9,000	240.0	6,800
				242.7	8,100*	250.0	9,800*	250.0	8,300	249.3	6,100
						255.9	9,000*	260.0	7,600		
								269.0	7,000		
Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2	Reeves	2