



LIFTING CHARTS - Crawler Cranes

KOBELCO MODEL CK2750G - 275 TON CAPACITY

Fixed Jib Lift Capacity (with 165 US ton / 110 US ton main hook)

Full Counterweight: 200,900 lbs

Carbody Weight: 60,400

90' Boom																	
40 ft Jib						60 ft Jib						80 ft Jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
34.1	80.0	59,500*				41.0	80.0	46,700*				47.9	80.0	26,600*			
36.0	79.2	58,300*				42.0	79.6	46,300*				48.0	79.9	26,600*			
38.0	78.3	57,000*				44.0	78.9	45,600*				50.0	79.3	26,300*			
40.0	77.4	55,900*				46.0	78.1	44,900*				55.0	77.5	25,500*			
42.0	76.5	55,100*				48.0	77.3	44,200*				60.0	75.8	24,500*			
44.0	75.6	54,300*				50.0	76.5	43,400*				65.0	74.0	23,600*			
46.0	74.7	53,500*	46.2	80.0	42,500*	55.0	74.5	41,700*	59.0	80.0	29,700*	70.0	72.2	23,000*			
48.0	73.8	52,600*	48.0	79.2	42,100*	60.0	72.5	40,200*	60.0	79.6	29,700*	75.0	70.4	22,300*	75.0	78.9	18,000*
50.0	72.8	51,700*	50.0	78.2	41,700*	65.0	70.4	38,700*	65.0	77.5	29,700*	80.0	68.5	21,600*	80.0	76.9	17,700*
55.0	70.5	49,600*	55.0	75.8	40,500*	70.0	68.4	37,500*	70.0	75.4	29,100*	85.0	66.7	20,700*	85.0	75.0	17,200*
60.0	68.1	47,700*	60.0	73.4	39,100*	75.0	66.2	36,300*	75.0	73.2	28,400*	90.0	64.8	20,200*	90.0	73.0	16,700*
65.0	65.7	45,800*	65.0	70.9	37,200*	80.0	64.1	35,100*	80.0	70.9	27,500*	95.0	62.8	19,600*	95.0	71.0	16,400*
70.0	63.2	44,300*	70.0	68.3	35,700*	85.0	61.9	34,000*	85.0	68.6	26,500*	100.0	60.8	19,000*	100.0	68.9	16,100*
75.0	60.7	42,700*	75.0	65.7	34,300*	90.0	59.6	32,200*	90.0	66.3	25,500*	110.0	56.7	18,000*	110.0	64.6	15,700*
80.0	58.1	41,300*	80.0	62.9	33,200*	95.0	57.3	30,500*	95.0	63.8	24,600*	120.0	52.3	17,000*	120.0	59.9	15,000*
85.0	55.4	39,900*	85.0	60.1	32,000*	100.0	54.9	29,100*	100.0	61.3	23,700*	130.0	47.6	16,200*	130.0	54.9	14,400*
90.0	52.5	38,600*	90.0	57.2	31,000*	110.0	49.8	26,500*	110.0	56.0	22,200*	140.0	42.4	15,500*	140.0	49.3	13,900*
95.0	49.6	37,500*	95.0	54.1	30,100*	120.0	44.3	24,500*	120.0	50.0	21,100*	150.0	36.6	15,000*	150.0	42.8	13,600*
100.0	46.5	36,400*	100.0	50.9	29,300*	130.0	38.0	22,800*	130.0	43.2	20,300*	159.4	30.0	14,500*	160.0	34.4	13,400*
110.0	39.8	34,400*	110.0	43.6	28,100*	140.0	30.6	21,400*	140.0	34.5	19,700*				164.3	30.0	13,400*
120.0	31.7	32,300*	120.0	34.7	27,400*	140.7	30.0	21,300*	144.3	30.0	19,600*						
121.7	30.0	31,900*	124.3	30.0	27,300*												
Reeves	2		Reeves	2		Reeves	2		Reeves	1		Reeves	1		Reeves	1	

100' Boom																	
40 ft Jib						60 ft Jib						80 ft Jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
36.1	80.0	58,200*				43.0	80.0	46,700*				49.5	80.0	26,600*			
38.0	79.2	57,500*				44.0	79.6	46,300*				50.0	79.9	26,600*			
40.0	78.3	56,800*				46.0	78.8	45,600*				55.0	78.3	25,800*			
42.0	77.5	56,000*				48.0	78.1	44,900*				60.0	76.6	24,900*			
44.0	76.7	55,200*				50.0	77.4	44,200*				65.0	74.9	24,100*			
46.0	75.8	54,400*	47.9	80.0	42,500*	55.0	75.5	42,600*				70.0	73.2	23,400*	73.8	80.0	18,000*
48.0	75.0	53,700*	48.0	79.9	42,500*	60.0	73.6	41,100*	61.0	80.0	29,700*	75.0	71.5	22,700*	75.0	79.5	17,900*
50.0	74.1	53,000*	50.0	79.1	42,100*	65.0	71.7	39,600*	65.0	78.4	29,700*	80.0	69.8	22,000*	80.0	77.8	17,500*
55.0	71.9	51,400*	55.0	76.9	41,100*	70.0	69.8	38,400*	70.0	76.4	29,300*	85.0	68.1	21,400*	85.0	75.9	17,000*
60.0	69.8	49,700*	60.0	74.7	40,000*	75.0	67.8	37,200*	75.0	74.4	28,800*	90.0	66.3	20,700*	90.0	74.1	16,600*
65.0	67.6	48,400*	65.0	72.4	38,300*	80.0	65.9	36,100*	80.0	72.3	28,100*	95.0	64.5	20,000*	95.0	72.2	16,300*
70.0	65.3	46,900*	70.0	70.1	36,800*	85.0	63.8	35,100*	85.0	70.2	27,100*	100.0	62.6	19,400*	100.0	70.3	15,900*
75.0	63.0	45,500*	75.0	67.7	35,300*	90.0	61.8	33,700*	90.0	68.0	26,100*	110.0	58.8	18,400*	110.0	66.3	15,300*
80.0	60.6	44,200*	80.0	65.2	34,000*	95.0	59.6	32,200*	95.0	65.8	25,200*	120.0	54.9	17,500*	120.0	62.1	14,700*
85.0	58.2	43,000*	85.0	62.7	32,900*	100.0	57.5	30,600*	100.0	63.6	24,400*	130.0	50.6	16,800*	130.0	57.7	14,100*
90.0	55.7	41,700*	90.0	60.1	32,000*	110.0	52.9	27,900*	110.0	58.8	22,900*	140.0	46.1	15,900*	140.0	52.8	13,800*
95.0	53.1	40,300*	95.0	57.4	31,100*	120.0	48.0	25,800*	120.0	53.6	21,800*	150.0	41.1	15,400*	150.0	47.4	13,400*
100.0	50.4	39,000*	100.0	54.6	30,200*	130.0	42.7	24,000*	130.0	47.9	20,800*	160.0	35.4	14,800*	160.0	41.0	13,400*
110.0	44.7	36,500*	110.0	48.5	28,800*	140.0	36.6	22,400*	140.0	41.3	20,100*	167.9	30.0	14,500*	170.0	33.0	13,400*
120.0	38.2	34,100*	120.0	41.6	27,800*	149.2	30.0	21,300*	150.0	33.0	19,600*				172.9	30.0	13,400*
130.0	30.4	32,000*	130.0	33.0	27,300*				152.8	30.0	19,600*						
130.5	30.0	31,900*	132.8	30.0	27,300*												
Reeves	2		Reeves	2		Reeves	2		Reeves	1		Reeves	1		Reeves	1	

STERLING CRANE

Fixed Jib Lift Capacity (with 165 US ton / 110 US ton main hook)

Full Counterweight: 200,900 lbs Carbody Weight: 60,400

110' Boom																							
40 ft Jib						60 ft Jib						80 ft Jib						100 ft Jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
37.7	80.0	58,400*				44.6	80.0	46,700*				51.5	80.0	26,600*				58.4	80.0	14,700*			
38.0	79.9	58,300*				46.0	79.5	46,200*				55.0	78.9	26,200*				60.0	79.5	14,600*			
40.0	79.1	57,700*				48.0	78.8	45,600*				60.0	77.3	25,400*				65.0	78.1	14,100*			
42.0	78.3	56,900*				50.0	78.1	44,900*				65.0	75.8	24,500*				70.0	76.7	13,600*			
44.0	77.6	56,100*				55.0	76.4	43,300*				70.0	74.2	23,800*				75.0	75.2	13,100*			
46.0	76.8	55,300*				60.0	74.6	41,800*	62.6	80.0	29,700*	75.0	72.6	23,200*	75.4	80.0	17,800*	80.0	73.8	12,700*			
48.0	76.0	54,600*	49.8	80.0	42,500*	65.0	72.8	40,500*	65.0	79.1	29,700*	80.0	70.9	22,500*	80.0	78.5	17,500*	85.0	72.3	12,300*	88.2	80.0	9,700*
50.0	75.2	53,900*	50.0	79.9	42,500*	70.0	71.1	39,300*	70.0	77.3	29,600*	85.0	69.3	21,800*	85.0	76.8	17,200*	90.0	70.9	11,800*	90.0	79.5	9,500*
55.0	73.2	52,300*	55.0	77.9	41,400*	75.0	69.2	38,100*	75.0	75.4	29,100*	90.0	67.6	21,100*	90.0	75.0	16,800*	95.0	69.4	11,400*	95.0	77.9	9,300*
60.0	71.2	50,800*	60.0	75.8	40,500*	80.0	67.4	37,000*	80.0	73.5	28,400*	95.0	66.0	20,600*	95.0	73.3	16,400*	100.0	67.9	11,100*	100.0	76.4	9,100*
65.0	69.1	49,300*	65.0	73.7	39,100*	85.0	65.5	35,900*	85.0	71.5	27,800*	100.0	64.2	20,000*	100.0	71.5	16,000*	110.0	64.8	10,400*	110.0	73.2	8,600*
70.0	67.1	47,900*	70.0	71.5	37,600*	90.0	63.6	34,900*	90.0	69.5	26,800*	110.0	60.7	18,800*	110.0	67.8	15,500*	120.0	61.6	9,800*	120.0	69.8	8,300*
75.0	64.9	46,600*	75.0	69.4	36,200*	95.0	61.6	33,600*	95.0	67.5	25,900*	120.0	57.1	18,100*	120.0	64.0	14,900*	130.0	58.3	9,300*	130.0	66.4	8,100*
80.0	62.8	45,300*	80.0	67.1	35,000*	100.0	59.7	32,100*	100.0	65.4	25,000*	130.0	53.2	17,200*	130.0	59.9	14,400*	140.0	54.8	8,900*	140.0	62.7	7,800*
85.0	60.6	44,100*	85.0	64.9	34,000*	110.0	55.5	29,400*	110.0	61.1	23,500*	140.0	49.1	16,300*	140.0	55.6	14,000*	150.0	51.2	8,400*	150.0	58.9	7,500*
90.0	58.3	43,100*	90.0	62.5	33,000*	120.0	51.2	27,100*	120.0	56.5	22,400*	150.0	44.7	15,700*	150.0	50.9	13,600*	160.0	47.3	8,200*	160.0	54.8	7,400*
95.0	56.0	42,000*	95.0	60.1	31,900*	130.0	46.5	25,100*	130.0	51.6	21,200*	160.0	39.8	15,200*	160.0	45.6	13,400*	170.0	43.2	7,900*	170.0	50.3	7,200*
100.0	53.6	40,800*	100.0	57.6	31,000*	140.0	41.3	23,500*	140.0	46.0	20,500*	170.0	34.3	14,700*	170.0	39.4	13,400*	180.0	38.5	7,600*	180.0	45.2	7,100*
110.0	48.5	38,500*	110.0	52.3	29,700*	150.0	35.4	22,100*	150.0	39.6	19,900*	176.8	30.0	14,500*	180.0	31.5	13,400*	190.0	33.3	7,000*	190.0	39.3	6,600*
120.0	43.0	36,000*	120.0	46.5	28,400*	158.1	30.0	21,300*	160.0	31.5	19,600*				181.7	30.0	13,400*	195.5	30.0	6,600*	200.0	31.5	6,000
130.0	36.8	33,000*	130.0	39.8	27,600*				161.7	30.0	19,600*										201.4	30.0	5,900
139.1	30.0	29,300*	140.0	31.6	27,300*																		
			141.7	30.0	27,300*																		
Reeves	2		Reeves	2		Reeves	2		Reeves	1		Reeves	1		Reeves	1		Reeves	1		Reeves	1	

120' Boom																							
40 ft Jib						60 ft Jib						80 ft Jib						100 ft Jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
39.4	80.0	58,600*				46.2	80.0	46,700*				53.1	80.0	26,600*				60.0	80.0	14,900*			
40.0	79.8	58,400*				48.0	79.4	46,100*				55.0	79.5	26,300*				65.0	78.7	14,400*			
42.0	79.1	57,600*				50.0	78.8	45,500*				60.0	78.0	25,600*				70.0	77.3	13,800*			
44.0	78.3	56,900*				55.0	77.2	43,900*				65.0	76.5	24,700*				75.0	75.9	13,300*			
46.0	77.6	56,100*				60.0	75.5	42,500*	64.3	80.0	29,700*	70.0	75.0	24,100*				80.0	74.6	12,900*			
48.0	76.9	55,500*				65.0	73.8	41,100*	65.0	79.8	29,700*	75.0	73.5	23,400*	77.0	80.0	17,800*	85.0	73.2	12,500*			
50.0	76.1	54,800*	51.5	80.0	42,500*	70.0	72.2	39,900*	70.0	78.0	29,700*	80.0	72.0	22,800*	80.0	79.1	17,700*	90.0	71.8	12,000*	90.2	80.0	9,400*
55.0	74.3	53,200*	55.0	78.7	41,900*	75.0	70.5	38,700*	75.0	76.3	29,300*	85.0	70.4	22,200*	85.0	77.5	17,400*	95.0	70.4	11,600*	95.0	78.6	9,300*
60.0	72.4	51,700*	60.0	76.7	41,000*	80.0	68.7	37,600*	80.0	74.5	28,700*	90.0	68.8	21,600*	90.0	75.9	16,900*	100.0	68.9	11,300*	100.0	77.1	9,200*
65.0	70.5	50,200*	65.0	74.8	40,000*	85.0	67.0	36,600*	85.0	72.7	28,200*	95.0	67.3	21,000*	95.0	74.3	16,500*	110.0	66.0	10,600*	110.0	74.0	8,800*
70.0	68.6	48,800*	70.0	72.8	38,500*	90.0	65.2	35,800*	90.0	70.9	27,400*	100.0	65.7	20,500*	100.0	72.6	16,200*	120.0	63.0	10,000*	120.0	70.9	8,500*
75.0	66.6	47,600*	75.0	70.8	37,100*	95.0	63.4	34,800*	95.0	69.0	26,500*	110.0	62.4	19,300*	110.0	69.2	15,700*	130.0	60.0	9,500*	130.0	67.7	8,100*
80.0	64.6	46,400*	80.0	68.7	35,800*	100.0	61.6	33,600*	100.0	67.1	25,700*	120.0	59.0	18,500*	120.0	65.6	15,100*	140.0	56.7	9,100*	140.0	64.3	7,800*
85.0	62.6	45,200*	85.0	66.7	34,600*	110.0	57.8	30,800*	110.0	63.1	24,200*	130.0	55.4	17,700*	130.0	61.9	14,600*	150.0	53.4	8,800*	150.0	60.8	7,700*
90.0	60.5	44,000*	90.0	64.5	33,600*	120.0	53.8	28,400*	120.0	59.0	22,900*	140.0	51.7	16,800*	140.0	57.9	14,200*	160.0	49.9	8,300*	160.0	57.0	7,400*
95.0	58.4	42,900*	95.0	62.3	32,700*	130.0	49.5	26,400*	130.0	54.5	21,900*	150.0	47.7	16,100*	150.0	53.7	13,900*	170.0	46.1	8,100*	170.0	53.0	7,200*
100.0	56.3	41,700*	100.0	60.1	31,900*	140.0	45.0	24,600*	140.0	49.7	21,000*	160.0	43.4	15,700*	160.0	49.1	13,500*	180.0	42.0	7,800*	180.0	48.6	7,100*
110.0	51.7	39,500*	110.0	55.4	30,400*	150.0	40.0	23,200*	150.0	44.3	20,300*	170.0	38.7	15,000*	170.0	44.0	13,400*	190.0	37.5	7,500*	190.0	43.7	6,800*
120.0	46.9	36,200*	120.0	50.3	29,100*	160.0	34.3	22,000*	160.0	38.0	19,800*	180.0	33.3	14,600*	180.0	37.9	13,400*	200.0	32.4	7,200*	200.0	37.8	6,500
130.0	41.5	32,400*	130.0	44.7	28,300*	166.6	30.0	21,100*	170.0	30.2	19,600*	185.3	30.0	14,300*	190.0	30.2	13,400*	204.3	30.0	6,800*	210.0	30.2	6,100
140.0	35.5	30,400	140.0	38.2	27,600*				170.2	30.0	19,600*				190.2	30.0	13,400*				210.3	30.0	6,100
147.9	30.0	28,800	150.0	30.2	26,900*																		
			150.2	30.0	26,800*																		
Reeves	2		Reeves	2		Reeves	2		Reeves	1		Reeves	1		Reeves	1		Reeves	1		Reeves	1	

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

STERLING CRANE

Fixed Jib Lift Capacity (with 165 US ton / 110 US ton main hook)

Full Counterweight: 200,900 lbs Carbody Weight: 60,400

130' Boom																													
40 ft Jib						60 ft Jib						80 ft Jib						100 ft Jib											
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)											
10			30			10			30			10			30			10			30								
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)						
41.3	80.0	58,400*				47.9	80.0	46,700*				54.8	80.0	26,600*				61.7	80.0	14,900*									
42.0	79.7	58,100*				48.0	79.9	46,700*				55.0	79.9	26,600*				65.0	79.2	14,600*									
44.0	79.0	57,500*				50.0	79.4	46,100*				60.0	78.6	25,800*				70.0	77.9	14,100*									
46.0	78.4	56,800*				55.0	77.8	44,600*				65.0	77.2	25,200*				75.0	76.6	13,600*									
48.0	77.7	56,100*				60.0	76.3	43,100*				70.0	75.7	24,500*				80.0	75.3	13,100*									
50.0	77.0	55,500*	53.1	80.0	42,300*	65.0	74.7	41,800*	65.9	80.0	29,700*	75.0	74.3	23,800*	79.0	80.0	17,800*	85.0	74.0	12,800*									
55.0	75.2	53,900*	55.0	79.4	42,000*	70.0	73.1	40,600*	70.0	78.7	29,700*	80.0	72.9	23,100*	80.0	79.7	17,700*	90.0	72.6	12,300*	91.8	80.0	9,700*						
60.0	73.5	52,400*	60.0	77.6	41,300*	75.0	71.5	39,400*	75.0	77.1	29,400*	85.0	71.4	22,500*	85.0	78.2	17,400*	95.0	71.3	11,900*	95.0	79.1	9,400*						
65.0	71.7	51,000*	65.0	75.7	40,600*	80.0	69.9	38,300*	80.0	75.4	29,000*	90.0	69.9	22,000*	90.0	76.6	17,100*	100.0	69.9	11,500*	100.0	77.7	9,200*						
70.0	69.9	49,700*	70.0	73.9	39,200*	85.0	68.3	37,300*	85.0	73.7	28,600*	95.0	68.4	21,500*	95.0	75.1	16,700*	110.0	67.2	10,900*	110.0	74.8	8,800*						
75.0	68.1	48,400*	75.0	72.0	37,900*	90.0	66.6	36,400*	90.0	72.0	27,800*	100.0	66.9	20,900*	100.0	73.5	16,400*	120.0	64.4	10,400*	120.0	71.9	8,500*						
80.0	66.2	47,100*	80.0	70.1	36,700*	95.0	64.9	35,600*	95.0	70.2	27,000*	110.0	63.8	19,700*	110.0	70.3	15,900*	130.0	61.4	9,700*	130.0	68.9	8,100*						
85.0	64.4	45,900*	85.0	68.2	35,500*	100.0	63.2	34,600*	100.0	68.5	26,200*	120.0	60.7	18,900*	120.0	67.0	15,300*	140.0	58.4	9,400*	140.0	65.7	8,000*						
90.0	62.5	44,500*	90.0	66.3	34,500*	110.0	59.7	32,100*	110.0	64.8	24,700*	130.0	57.4	18,100*	130.0	63.6	14,800*	150.0	55.3	9,000*	150.0	62.5	7,700*						
95.0	60.5	43,400*	95.0	64.2	33,500*	120.0	56.0	29,600*	120.0	61.0	23,500*	140.0	53.9	17,200*	140.0	59.9	14,400*	160.0	52.1	8,500*	160.0	59.0	7,600*						
100.0	58.5	42,300*	100.0	62.2	32,600*	130.0	52.2	27,500*	130.0	57.0	22,300*	150.0	50.3	16,500*	150.0	56.1	14,100*	170.0	48.6	8,300*	170.0	55.4	7,400*						
110.0	54.4	38,100*	110.0	57.9	31,100*	140.0	48.1	25,700*	140.0	52.7	21,600*	160.0	46.4	16,000*	160.0	52.0	13,800*	180.0	44.9	8,000*	180.0	51.4	7,200*						
120.0	50.0	34,600	120.0	53.4	29,700*	150.0	43.7	24,100*	150.0	48.0	20,700*	170.0	42.2	15,400*	170.0	47.5	13,400*	190.0	41.0	7,700*	190.0	47.1	7,200*						
130.0	45.3	32,600	130.0	48.5	28,700*	160.0	38.8	22,800*	160.0	42.7	20,100*	180.0	37.6	15,000*	180.0	42.5	13,400*	200.0	36.6	7,400*	200.0	42.2	6,900*						
140.0	40.2	30,600	140.0	43.0	28,000*	170.0	33.3	21,600*	170.0	36.7	19,800*	190.0	32.4	14,500*	190.0	36.6	13,400*	210.0	31.6	7,200*	210.0	36.5	6,600						
150.0	34.3	28,400	150.0	36.8	26,600*	175.1	30.0	21,100*	178.8	30.0	19,600*	194.2	30.0	14,300*	198.8	30.0	13,400*	212.9	30.0	6,800*	218.8	30.0	5,900						
156.4	30.0	26,600	158.7	30.0	24,400*																								
Reeves	2		Reeves	2		Reeves	2		Reeves	1		Reeves	1		Reeves	1		Reeves	1		Reeves	1							

140' Boom																													
40 ft Jib						60 ft Jib						80 ft Jib						100 ft Jib											
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)											
10			30			10			30			10			30			10			30								
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)						
43.0	80.0	58,400*				49.9	80.0	46,700*				56.8	80.0	26,600*				63.3	80.0	14,900*									
44.0	79.7	58,100*				50.0	79.9	46,600*				60.0	79.1	26,200*				65.0	79.6	14,800*									
46.0	79.0	57,500*				55.0	78.5	45,100*				65.0	77.8	25,400*				70.0	78.4	14,300*									
48.0	78.4	56,800*				60.0	77.0	43,800*				70.0	76.4	24,700*				75.0	77.2	13,800*									
50.0	77.7	56,100*				65.0	75.5	42,400*	67.9	80.0	29,700*	75.0	75.0	24,000*				80.0	75.9	13,300*									
55.0	76.1	54,600*	55.1	80.0	42,300*	70.0	74.0	41,200*	70.0	79.3	29,700*	80.0	73.7	23,400*	80.7	80.0	17,800*	85.0	74.7	13,000*									
60.0	74.4	53,300*	60.0	78.3	41,700*	75.0	72.5	40,100*	75.0	77.8	29,500*	85.0	72.3	22,900*	85.0	78.8	17,600*	90.0	73.4	12,500*	93.5	80.0	9,700*						
65.0	72.8	51,900*	65.0	76.6	41,000*	80.0	71.0	38,900*	80.0	76.2	29,200*	90.0	70.9	22,400*	90.0	77.3	17,300*	95.0	72.1	12,100*	95.0	79.6	9,600*						
70.0	71.1	50,600*	70.0	74.9	39,900*	85.0	69.4	37,900*	85.0	74.6	28,900*	95.0	69.5	21,800*	95.0	75.9	16,900*	100.0	70.8	11,700*	100.0	78.3	9,400*						
75.0	69.4	49,400*	75.0	73.1	38,700*	90.0	67.9	37,100*	90.0	73.0	28,400*	100.0	68.1	21,200*	100.0	74.4	16,600*	110.0	68.2	11,100*	110.0	75.6	9,000*						
80.0	67.6	48,400*	80.0	71.4	37,400*	95.0	66.3	36,200*	95.0	71.4	27,600*	110.0	65.1	20,200*	110.0	71.4	15,900*	120.0	65.5	10,600*	120.0	72.8	8,700*						
85.0	65.9	47,400*	85.0	69.6	36,200*	100.0	64.7	35,400*	100.0	69.7	26,800*	120.0	62.2	19,200*	120.0	68.3	15,500*	130.0	62.8	10,100*	130.0	69.9	8,400*						
90.0	64.1	46,100*	90.0	67.7	35,200*	110.0	61.4	33,400*	110.0	66.3	25,300*	130.0	59.1	18,400*	130.0	65.0	15,000*	140.0	60.0	9,600*	140.0	67.0	8,000*						
95.0	62.3	44,800*	95.0	65.9	34,300*	120.0	58.0	30,800*	120.0	62.8	24,000*	140.0	55.9	17,700*	140.0	61.7	14,600*	150.0	57.0	9,200*	150.0	63.9	7,900*						
100.0	60.5	43,500*	100.0	64.0	33,400*	130.0	54.4	28,600*	130.0	59.1	23,000*	150.0	52.5	17,000*	150.0	58.2	14,100*	160.0	54.0	8,700*	160.0	60.7	7,700*						
110.0	56.7	39,100	110.0	60.1	31,700*	140.0	50.7	26,700*	140.0	55.2	22,000*	160.0	49.0	16,300*	160.0	54.4	14,000*	170.0	50.8	8,300*	170.0	57.4	7,500*						
120.0	52.7	36,500	120.0	56.0	30,400*	150.0	46.7	25,200*	150.0	51.0	21,200*	170.0	45.2	15,800*	170.0	50.4	13,600*	180.0	47.4	8,200*	180.0	53.8	7,200*						
130.0	48.5	34,200	130.0	51.6	29,400*	160.0	42.4	23,900*	160.0	46.4	20,500*	180.0	41.1	15,300*	180.0	46.0	13,400*	190.0	43.9	7,900*	190.0	49.9	7,200*						
140.0	43.9	31,000	140.0	46.8	28,500*	170.0	37.7	22,300*	170.0	41.4	20,000*	190.0	36.7	15,000*	190.0	41.2	13,400*	200.0	40.0	7,700*	200.0	45.7	7,000*						
150.0	39.0	28,200	150.0	41.6	26,300*	180.0	32.3	20,000*	180.0	35.4	19,700*	200.0	31.5	14,500*	200.0	35.3	13,400*	210.0	35.7	7,400*	210.0	41.0	7,000						
160.0	33.3	25,000	160.0	35.4	24,300	184.0	30.0	19,100*	187.6	30.0	19,600*	202.7	30.0	14,500*	207.6	30.0	13,400*	220.0	30.8	6,800*	220.0	35.3	6,400						
165.0	30.0	23,800	167.6	30.0	23,500													221.4	30.0	6,600*	227.6	30.0	5,900						
Reeves	2		Reeves	2		Reeves	2		Reeves	1		Reeves	1		Reeves	1		Reeves	1		Reeves	1							

STERLING CRANE

Fixed Jib Lift Capacity (with 165 US ton / 110 US ton main hook)

Full Counterweight: 200,900 lbs

Carbody Weight: 60,400

150' Boom																	
40 ft Jib						60 ft Jib						80 ft Jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
44.6	80.0	58,400*				51.5	80.0	46,700*				58.4	80.0	26,600*	65.3	80.0	14,700*
46.0	79.6	57,900*				55.0	79.0	45,600*				60.0	79.6	26,500*	70.0	78.9	14,300*
48.0	79.0	57,300*				60.0	77.6	44,300*				65.0	78.3	25,600*	75.0	77.7	13,900*
50.0	78.4	56,700*				65.0	76.2	43,100*	69.5	80.0	29,700*	70.0	77.0	25,100*	80.0	76.5	13,500*
55.0	76.8	55,300*	56.7	80.0	42,300*	70.0	74.8	41,900*	70.0	79.9	29,700*	75.0	75.7	24,500*	85.0	75.3	13,000*
60.0	75.3	53,900*	60.0	78.9	41,900*	75.0	73.4	40,700*	75.0	78.4	29,600*	80.0	74.4	23,800*	90.0	74.1	12,600*
65.0	73.7	52,600*	65.0	77.3	41,300*	80.0	71.9	39,600*	80.0	76.9	29,400*	85.0	73.1	23,100*	95.0	72.9	12,300*
70.0	72.1	51,200*	70.0	75.7	40,400*	85.0	70.5	38,600*	85.0	75.4	29,100*	90.0	71.8	22,600*	100.0	71.6	12,000*
75.0	70.5	49,900*	75.0	74.1	39,300*	90.0	69.0	37,700*	90.0	73.9	28,600*	95.0	70.4	22,100*	110.0	69.1	11,300*
80.0	68.9	48,600*	80.0	72.4	38,000*	95.0	67.5	36,900*	95.0	72.4	28,000*	100.0	69.1	21,600*	120.0	66.6	10,800*
85.0	67.3	47,400*	85.0	70.8	36,800*	100.0	66.0	36,100*	100.0	70.8	27,200*	110.0	66.3	20,600*	130.0	64.0	10,200*
90.0	65.6	46,100*	90.0	69.1	35,800*	110.0	62.9	34,500*	110.0	67.6	25,700*	120.0	63.5	19,700*	140.0	61.3	9,800*
95.0	63.9	44,800*	95.0	67.3	34,900*	120.0	59.7	32,100*	120.0	64.3	24,500*	130.0	60.6	18,800*	150.0	58.6	9,300*
100.0	62.2	43,100*	100.0	65.6	34,100*	130.0	56.4	29,700*	130.0	60.9	23,400*	140.0	57.6	18,100*	160.0	55.7	8,900*
110.0	58.7	38,400	110.0	62.0	32,400*	140.0	53.0	27,800*	140.0	57.3	22,400*	150.0	54.5	17,400*	170.0	52.8	8,600*
120.0	55.0	35,700	120.0	58.2	31,100*	150.0	49.4	26,100*	150.0	53.5	21,600*	160.0	51.2	16,800*	180.0	49.6	8,300*
130.0	51.2	33,000	130.0	54.2	29,900*	160.0	45.5	24,100*	160.0	49.4	20,900*	170.0	47.8	16,100*	190.0	46.4	8,100*
140.0	47.1	30,300	140.0	49.9	28,700*	170.0	41.3	21,500*	170.0	45.0	20,300*	180.0	44.1	15,600*	200.0	42.9	7,800*
150.0	42.7	27,100	150.0	45.3	25,800*	180.0	36.7	19,600	180.0	40.0	19,900*	190.0	40.1	15,200*	210.0	39.1	7,400*
160.0	37.8	24,100	160.0	40.2	24,200	190.0	31.5	18,500	190.0	34.3	19,600*	200.0	35.7	14,800*	220.0	34.9	7,300*
170.0	32.3	21,700	170.0	34.3	21,900	192.5	30.0	18,500	196.1	30.0	18,000	210.0	30.8	14,500*	230.0	30.1	6,800*
173.8	30.0	20,900	176.1	30.0	20,500							211.2	30.0	14,300*	230.3	30.0	6,800*
Reeves	2		Reeves	2		Reeves	2		Reeves	1		Reeves	1		Reeves	1	

160' Boom																	
40 ft Jib						60 ft Jib						80 ft Jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
46.3	80.0	58,400*				53.1	80.0	46,700*				60.0	80.0	26,600*	66.9	80.0	14,700*
48.0	79.5	57,900*				55.0	79.5	46,200*				65.0	78.8	26,000*	70.0	79.3	14,500*
50.0	79.0	57,300*				60.0	78.2	44,900*				70.0	77.6	25,400*	75.0	78.2	14,100*
55.0	77.5	55,900*	58.3	80.0	42,300*	65.0	76.9	43,500*				75.0	76.3	24,700*	80.0	77.0	13,700*
60.0	76.0	54,600*	60.0	79.5	42,200*	70.0	75.5	42,300*	71.1	80.0	29,700*	80.0	75.1	24,100*	85.0	75.9	13,200*
65.0	74.5	53,200*	65.0	78.0	41,500*	75.0	74.1	41,300*	75.0	79.0	29,700*	85.0	73.8	23,600*	90.0	74.7	12,900*
70.0	73.0	51,800*	70.0	76.5	40,800*	80.0	72.8	40,300*	80.0	77.6	29,600*	90.0	72.6	23,100*	95.0	73.6	12,500*
75.0	71.5	50,300*	75.0	74.9	39,900*	85.0	71.4	39,300*	85.0	76.1	29,300*	95.0	71.3	22,600*	100.0	72.4	12,200*
80.0	70.0	49,000*	80.0	73.4	38,700*	90.0	70.0	38,400*	90.0	74.7	28,800*	100.0	70.0	22,100*	110.0	70.0	11,500*
85.0	68.5	47,700*	85.0	71.8	37,500*	95.0	68.6	37,600*	95.0	73.2	28,300*	110.0	67.4	21,000*	120.0	67.6	10,900*
90.0	66.9	46,500*	90.0	70.2	36,500*	100.0	67.2	36,700*	100.0	71.8	27,700*	120.0	64.7	20,000*	130.0	65.1	10,400*
95.0	65.3	45,400*	95.0	68.6	35,600*	110.0	64.3	35,000*	110.0	68.8	26,200*	130.0	62.0	19,200*	140.0	62.6	10,000*
100.0	63.7	43,600	100.0	66.9	34,700*	120.0	61.3	33,200*	120.0	65.7	24,900*	140.0	59.1	18,500*	150.0	60.0	9,500*
110.0	60.4	39,300	110.0	63.6	33,100*	130.0	58.2	30,900*	130.0	62.5	23,900*	150.0	56.2	17,600*	160.0	57.3	9,100*
120.0	57.0	37,200	120.0	60.1	31,700*	140.0	55.0	28,900*	140.0	59.2	22,900*	160.0	53.2	17,100*	170.0	54.5	8,800*
130.0	53.5	34,000	130.0	56.4	30,500*	150.0	51.6	26,500*	150.0	55.7	22,100*	170.0	50.0	16,500*	180.0	51.6	8,500*
140.0	49.8	30,000	140.0	52.6	28,700*	160.0	48.1	23,600*	160.0	52.0	21,400*	180.0	46.6	15,900*	190.0	48.6	8,100*
150.0	45.8	26,700	150.0	48.4	25,900	170.0	44.3	21,700	170.0	48.0	20,700*	190.0	43.1	15,400*	200.0	45.3	8,000*
160.0	41.5	23,700	160.0	44.0	24,400	180.0	40.3	20,100	180.0	43.7	20,100*	200.0	39.2	15,100*	210.0	41.9	7,700*
170.0	36.8	21,200	170.0	39.0	21,700	190.0	35.8	18,100	190.0	38.9	19,400*	210.0	34.9	14,700*	220.0	38.2	7,500*
180.0	31.4	19,000	180.0	33.2	19,300	200.0	30.7	16,300	200.0	33.2	17,100*	220.0	30.1	14,300*	230.0	34.1	7,400*
182.4	30.0	18,500	185.0	30.0	18,200	201.4	30.0	16,000	205.0	30.0	16,000*	220.1	30.0	14,300*	238.8	30.0	6,800*
Reeves	2		Reeves	2		Reeves	2		Reeves	1		Reeves	1		Reeves	1	

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

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

STERLING CRANE

Fixed Jib Lift Capacity (with 165 US ton / 110 US ton main hook)

Full Counterweight: 200,900 lbs Carbody Weight: 60,400

170' Boom																	
40 ft Jib						60 ft Jib						80 ft Jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
48.2	80.0	58,400*				55.1	80.0	46,700*				61.7	80.0	26,600*			
50.0	79.5	57,800*				60.0	78.7	45,300*				65.0	79.3	26,300*			
55.0	78.1	56,400*				65.0	77.4	44,000*				70.0	78.1	25,600*			
60.0	76.7	55,100*	60.0	80.0	42,300*	70.0	76.2	42,900*	73.1	80.0	29,700*	75.0	76.9	24,900*			
65.0	75.3	53,900*	65.0	78.6	41,700*	75.0	74.9	41,800*	75.0	79.5	29,700*	80.0	75.7	24,300*			
70.0	73.9	52,400*	70.0	77.2	41,000*	80.0	73.6	40,700*	80.0	78.1	29,600*	85.0	74.5	23,800*	85.9	80.0	17,800*
75.0	72.4	51,100*	75.0	75.7	40,300*	85.0	72.2	39,900*	85.0	76.8	29,300*	90.0	73.3	23,300*	90.0	79.0	17,500*
80.0	71.0	49,900*	80.0	74.2	39,300*	90.0	70.9	38,900*	90.0	75.4	29,000*	95.0	72.1	22,800*	95.0	77.7	17,300*
85.0	69.5	48,700*	85.0	72.7	38,200*	95.0	69.6	38,000*	95.0	74.0	28,600*	100.0	70.8	22,300*	100.0	76.5	17,000*
90.0	68.1	47,700*	90.0	71.2	37,100*	100.0	68.2	37,200*	100.0	72.7	28,100*	110.0	68.4	21,300*	110.0	73.9	16,400*
95.0	66.6	46,600*	95.0	69.7	36,200*	110.0	65.5	35,700*	110.0	69.8	26,600*	120.0	65.8	20,300*	120.0	71.3	15,900*
100.0	65.1	44,700	100.0	68.2	35,400*	120.0	62.7	34,200*	120.0	66.9	25,500*	130.0	63.2	19,500*	130.0	68.6	15,400*
110.0	62.0	40,400	110.0	65.0	33,700*	130.0	59.8	32,000*	130.0	63.9	24,300*	140.0	60.5	18,800*	140.0	65.8	15,100*
120.0	58.8	38,100	120.0	61.8	32,300*	140.0	56.8	29,300*	140.0	60.8	23,300*	150.0	57.8	18,100*	150.0	62.9	14,800*
130.0	55.5	33,600	130.0	58.4	31,200*	150.0	53.6	25,800*	150.0	57.6	22,500*	160.0	54.9	17,400*	160.0	60.0	14,400*
140.0	52.1	29,300	140.0	54.8	28,200*	160.0	50.4	23,600	160.0	54.2	21,700*	170.0	52.0	16,700*	170.0	56.9	14,100*
150.0	48.4	26,000	150.0	51.1	26,100	170.0	46.9	21,700	170.0	50.6	20,900*	180.0	48.9	16,300*	180.0	53.6	13,700*
160.0	44.6	23,100	160.0	47.1	23,700	180.0	43.3	19,400	180.0	46.7	20,500*	190.0	45.6	15,800*	190.0	50.1	13,600*
170.0	40.4	20,400	170.0	42.7	20,900	190.0	39.3	17,400	190.0	42.5	19,000*	200.0	42.1	15,400*	200.0	46.4	13,400*
180.0	35.8	18,200	180.0	37.8	18,700	200.0	34.9	15,400	200.0	37.7	16,600*	210.0	38.3	14,900*	210.0	42.3	13,200*
190.0	30.6	16,100	190.0	32.3	16,500	209.9	30.0	13,800	210.0	32.3	14,500	220.0	34.1	14,400*	220.0	37.6	13,200*
191.2	30.0	15,800	193.5	30.0	15,600				213.5	30.0	13,800	228.6	30.0	13,000*	230.0	32.2	12,900*
												233.5	30.0	11,900*	247.3	30.0	6,600*
Reeves	2		Reeves	2		Reeves	2		Reeves	1		Reeves	1		Reeves	1	

180' Boom																	
40 ft Jib						60 ft Jib						80 ft Jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
49.9	80.0	58,200*				56.8	80.0	46,500*				63.6	80.0	26,600*			
50.0	79.9	58,100*				60.0	79.2	45,800*				65.0	79.7	26,500*			
55.0	78.6	57,000*				65.0	78.0	44,600*				70.0	78.5	25,800*			
60.0	77.3	55,700*	62.0	80.0	42,300*	70.0	76.7	43,500*	74.8	80.0	29,700*	75.0	77.4	25,200*			
65.0	76.0	54,500*	65.0	79.2	41,900*	75.0	75.5	42,400*	75.0	79.9	29,700*	80.0	76.3	24,700*			
70.0	74.6	53,200*	70.0	77.8	41,200*	80.0	74.3	41,400*	80.0	78.7	29,700*	85.0	75.1	24,000*	87.5	80.0	17,800*
75.0	73.3	52,000*	75.0	76.4	40,600*	85.0	73.0	40,400*	85.0	77.4	29,500*	90.0	74.0	23,500*	90.0	79.4	17,700*
80.0	71.9	50,800*	80.0	75.0	39,800*	90.0	71.7	39,500*	90.0	76.1	29,200*	95.0	72.8	23,000*	95.0	78.2	17,400*
85.0	70.5	49,600*	85.0	73.6	38,800*	95.0	70.5	38,700*	95.0	74.8	28,700*	100.0	71.6	22,600*	100.0	77.0	17,000*
90.0	69.1	48,600*	90.0	72.2	37,800*	100.0	69.2	37,800*	100.0	73.4	28,200*	110.0	69.2	21,700*	110.0	74.6	16,500*
95.0	67.7	47,100*	95.0	70.7	36,800*	110.0	66.6	36,300*	110.0	70.8	27,100*	120.0	66.8	20,700*	120.0	72.1	16,000*
100.0	66.3	45,000	100.0	69.3	35,800*	120.0	63.9	35,000*	120.0	68.0	25,800*	130.0	64.4	19,900*	130.0	69.5	15,600*
110.0	63.4	41,300	110.0	66.3	34,300*	130.0	61.2	33,100*	130.0	65.2	24,800*	140.0	61.8	19,200*	140.0	66.9	15,100*
120.0	60.4	37,400	120.0	63.2	33,000*	140.0	58.3	28,800	140.0	62.3	23,800*	150.0	59.2	18,300*	150.0	64.2	14,800*
130.0	57.3	32,700	130.0	60.1	31,300*	150.0	55.4	26,100	150.0	59.2	22,900*	160.0	56.5	17,900*	160.0	61.4	14,400*
140.0	54.1	28,700	140.0	56.8	27,900	160.0	52.4	23,400	160.0	56.1	22,000*	170.0	53.8	17,200*	170.0	58.5	14,100*
150.0	50.8	25,200	150.0	53.3	25,900	170.0	49.2	21,000	170.0	52.8	21,400*	180.0	50.9	16,600*	180.0	55.5	14,000*
160.0	47.2	22,300	160.0	49.7	23,100	180.0	45.8	18,600	180.0	49.3	20,500*	190.0	47.8	16,100*	190.0	52.3	13,600*
170.0	43.5	19,700	170.0	45.8	20,200	190.0	42.3	16,800	190.0	45.5	18,500*	200.0	44.6	15,700*	200.0	48.9	13,500*
180.0	39.4	17,500	180.0	41.5	17,900	200.0	38.4	14,600	200.0	41.3	15,700*	210.0	41.2	15,200*	210.0	45.2	13,400*
190.0	35.0	15,400	190.0	36.8	15,700	210.0	34.1	13,000	210.0	36.8	14,100	220.0	37.5	14,000*	220.0	41.2	13,200*
199.8	30.0	13,400	200.0	31.3	13,600	218.5	30.0	11,600	220.0	31.3	12,200	230.0	33.4	12,000*	230.0	36.7	12,500*
			202.0	30.0	13,200				222.1	30.0	11,900	237.5	30.0	10,300*	240.0	31.3	10,700
												242.1	30.0	10,300	256.2	30.0	7,000*
Reeves	2		Reeves	2		Reeves	2		Reeves	1		Reeves	1		Reeves	1	

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

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

STERLING CRANE

Fixed Jib Lift Capacity (with 165 US ton / 110 US ton main hook)

Full Counterweight: 200,900 lbs Carbody Weight: 60,400

190' Boom																										
40 ft Jib						60 ft Jib						80 ft Jib						100 ft Jib								
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)								
10			30			10			30			10			30			10			30					
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)			
51.5	80.0	58,400*				58.4	80.0	46,500*				65.3	80.0	26,600*				72.2	80.0	14,700*						
55.0	79.1	57,500*				60.0	79.6	46,200*				70.0	79.0	26,000*				75.0	79.4	14,500*						
60.0	77.9	56,200*	63.6	80.0	42,300*	65.0	78.5	45,100*				75.0	77.9	25,500*				80.0	78.4	14,200*						
65.0	76.6	55,000*	65.0	79.6	42,100*	70.0	77.3	43,900*				80.0	76.8	24,900*				85.0	77.4	13,600*						
70.0	75.3	53,700*	70.0	78.3	41,500*	75.0	76.1	42,800*	76.4	80.0	29,700*	85.0	75.7	24,200*	89.2	80.0	17,800*	90.0	76.4	13,300*						
75.0	74.0	52,400*	75.0	77.0	40,900*	80.0	74.9	41,800*	80.0	79.1	29,700*	90.0	74.6	23,700*	90.0	79.9	17,700*	95.0	75.3	13,000*						
80.0	72.7	51,300*	80.0	75.7	40,300*	85.0	73.7	40,800*	85.0	77.9	29,700*	95.0	73.5	23,300*	95.0	78.7	17,500*	100.0	74.3	12,600*	102.3	80.0	9,400*			
85.0	71.4	50,300*	85.0	74.3	39,300*	90.0	72.5	39,900*	90.0	76.7	29,400*	100.0	72.3	22,900*	100.0	77.5	17,300*	110.0	72.2	12,100*	110.0	78.3	9,300*			
90.0	70.1	49,300*	90.0	73.0	38,200*	95.0	71.3	39,100*	95.0	75.4	29,000*	110.0	70.1	21,900*	110.0	75.2	16,600*	120.0	70.1	11,500*	120.0	76.1	8,900*			
95.0	68.7	47,300*	95.0	71.6	37,300*	100.0	70.1	38,300*	100.0	74.2	28,500*	120.0	67.7	21,000*	120.0	72.8	16,200*	130.0	67.9	11,000*	130.0	73.9	8,600*			
100.0	67.4	45,000	100.0	70.3	36,500*	110.0	67.6	36,800*	110.0	71.6	27,500*	130.0	65.4	20,100*	130.0	70.4	15,700*	140.0	65.7	10,500*	140.0	71.6	8,500*			
110.0	64.6	41,900	110.0	67.4	34,800*	120.0	65.0	35,400*	120.0	69.0	26,200*	140.0	63.0	19,400*	140.0	67.9	15,300*	150.0	63.4	10,100*	150.0	69.3	8,100*			
120.0	61.8	36,700	120.0	64.6	33,400*	130.0	62.4	33,500*	130.0	66.3	25,200*	150.0	60.5	18,800*	150.0	65.3	15,000*	160.0	61.1	9,600*	160.0	66.9	8,000*			
130.0	58.9	32,000	130.0	61.6	30,800*	140.0	59.8	29,000	140.0	63.6	24,200*	160.0	58.0	18,100*	160.0	62.7	14,600*	170.0	58.8	9,400*	170.0	64.4	7,700*			
140.0	55.9	28,000	140.0	58.5	28,000	150.0	57.0	26,000	150.0	60.7	23,200*	170.0	55.3	17,400*	170.0	60.0	14,300*	180.0	56.4	8,900*	180.0	61.9	7,700*			
150.0	52.8	24,500	150.0	55.3	25,600	160.0	54.2	23,000	160.0	57.8	22,500*	180.0	52.6	17,000*	180.0	57.1	14,000*	190.0	53.8	8,600*	190.0	59.3	7,500*			
160.0	49.5	21,500	160.0	52.0	22,500	170.0	51.2	20,200	170.0	54.7	21,800*	190.0	49.8	16,500*	190.0	54.2	13,800*	200.0	51.2	8,400*	200.0	56.5	7,300*			
170.0	46.1	19,100	170.0	48.4	19,500	180.0	48.1	18,000	180.0	51.5	20,400*	200.0	46.8	15,900*	200.0	51.0	13,600*	210.0	48.5	8,100*	210.0	53.7	7,200*			
180.0	42.4	16,700	180.0	44.6	17,400	190.0	44.8	15,900	190.0	48.0	17,500*	210.0	43.7	15,200*	210.0	47.7	13,400*	220.0	45.7	8,000*	220.0	50.6	7,200*			
190.0	38.5	14,600	190.0	40.5	15,000	200.0	41.3	13,900	200.0	44.3	15,200	220.0	40.3	13,200*	220.0	44.1	13,000*	230.0	42.7	7,700*	230.0	47.4	7,000*			
200.0	34.1	12,500	200.0	35.8	12,900	210.0	37.6	12,100	210.0	40.3	13,200	230.0	36.7	10,700	230.0	40.2	11,800*	240.0	39.4	7,500*	240.0	43.9	6,900*			
208.3	30.0	11,200	210.0	30.5	11,000	220.0	33.4	10,500	220.0	35.8	11,400	240.0	32.7	9,000	240.0	35.7	9,900*	250.0	35.9	7,400*	250.0	40.1	6,500			
			210.9	30.0	11,000	227.3	30.0	9,400				230.0	30.5	9,600	246.0	30.0	8,300	250.0	30.5	8,400	260.0	32.0	7,100*			
									230.9	30.0	9,400							250.9	30.0	8,100	264.7	30.0	6,800*			
																					267.0	30.0	6,500			
																					270.0	30.0	6,000			
																					270.9	30.0	5,900			
Reeves	2		Reeves	2		Reeves	2		Reeves	1		Reeves	1		Reeves	1		Reeves	1		Reeves	1				

200' Boom																										
40 ft Jib						60 ft Jib						80 ft Jib						100 ft Jib								
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)								
10			30			10			30			10			30			10			30					
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)			
53.5	80.0	58,400*				60.0	80.0	46,500*				66.9	80.0	26,600*				73.8	80.0	14,700*						
55.0	79.6	58,000*				65.0	78.9	45,500*				70.0	79.4	26,200*				75.0	79.8	14,600*						
60.0	78.4	56,600*				70.0	77.8	44,300*				75.0	78.3	25,700*				80.0	78.8	14,200*						
65.0	77.2	55,400*	65.2	80.0	42,300*	75.0	76.7	43,300*	78.0	80.0	29,700*	80.0	77.3	25,100*				85.0	77.8	13,900*						
70.0	75.9	54,400*	70.0	78.8	41,700*	80.0	75.5	42,300*	80.0	79.6	29,700*	85.0	76.2	24,500*				90.0	76.8	13,500*						
75.0	74.7	53,200*	75.0	77.6	41,100*	85.0	74.4	41,400*	85.0	78.4	29,700*	90.0	75.1	24,100*	91.2	80.0	17,800*	95.0	75.8	13,200*						
80.0	73.5	51,900*	80.0	76.3	40,600*	90.0	73.2	40,400*	90.0	77.2	29,400*	95.0	74.1	23,700*	95.0	79.1	17,600*	100.0	74.8	12,900*	104.0	80.0	9,400*			
85.0	72.2	50,900*	85.0	75.0	39,900*	95.0	72.0	39,500*	95.0	76.0	29,100*	100.0	73.0	23,200*	100.0	78.0	17,300*	110.0	72.8	12,200*	110.0	78.7	9,300*			
90.0	70.9	49,900*	90.0	73.8	38,900*	100.0	70.9	38,800*	100.0	74.8	28,700*	110.0	70.8	22,200*	110.0	75.8	16,800*	120.0	70.8	11,700*	120.0	76.6	8,900*			
95.0	69.7	47,400*	95.0	72.5	37,900*	110.0	68.5	37,200*	110.0	72.4	27,900*	120.0	68.6	21,400*	120.0	73.5	16,200*	130.0	68.7	11,200*	130.0	74.5	8,800*			
100.0	68.4	44,800	100.0	71.1	36,900*	120.0	66.1	35,900*	120.0	69.9	26,700*	130.0	66.3	20,500*	130.0	71.2	15,900*	140.0	66.6	10,700*	140.0	72.3	8,500*			
110.0	65.8	41,600	110.0	68.5	35,400*	130.0	63.6	33,800*	130.0	67.4	25,500*	140.0	64.0	19,800*	140.0	68.8	15,500*	150.0	64.4	10,300*	150.0	70.1	8,300*			
120.0	63.1	36,300	120.0	65.8	33,700*	140.0	61.1	28,800	140.0	64.8	24,500*	150.0	61.7	19,000*	150.0	66.4	15,000*	160.0	62.2	9,800*	160.0	67.8	8,000*			
130.0	60.4	31,600	130.0	63.0	30,500*	150.0	58.5	25,400	150.0	62.1	23,600*	160.0	59.3	18,400*	160.0	63.9	14,600*	170.0	60.0	9,400*	170.0	65.4	7,900*			
140.0	57.5	27,600	140.0	60.1	28,100	160.0	55.8	22,400	160.0	59.3	22,800*	170.0	56.8	17,800*	170.0	61.3	14,500*	180.0	57.7	9,100*	180.0	63.0	7,700*			
150.0	54.6	23,900	150.0	57.1	25,200	170.0	53.0	19,700	170.0	56.4	22,000*	180.0	54.2	17,300*	180.0	58.6	14,200*	190.0	55.3	8,800*	190.0	60.6	7,500*			
160.0	51.6	21,100	160.0	54.0	22,100	180.0	50.1	17,500	180.0	53.4	20,000*	190.0	51.6	16,700*	190.0	55.8	13,800*	200.0	52.8	8,500*	200.0	58.0	7,300*			
170.0	48.4	18,600	170.0	50.7	19,300	190.0	47.1	15,200	190.0	50.3	16,800*	200.0	48.8	16,300*	200.0	52.9	13,700*	210.0	50.3	8,300*	210.0	55.3	7,200*			
180.0	45.1	16,100	180.0	47.2	17,000	200.0	43.9	13,200	200.0	46.9	14,700	210.0	45.9	14,900*	210.0	49.9	13,600*	220.0	47.6	8,000*	220.0	52.5	7,200*			
190.0	41.5	14,100	190.0	43.5	14,800	210.0	40.5	11,400	210.0	43.3	13,000	220.0	42.8	12,400*	220.0	46.6	12,900*	230.0	44.8	7,900*	230.0	49.5	7,000*</			

STERLING CRANE

Fixed Jib Lift Capacity (with 165 US ton / 110 US ton main hook)

Full Counterweight: 200,900 lbs Carbody Weight: 60,400

210' Boom																							
40 ft Jib						60 ft Jib						80 ft Jib						100 ft Jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
55.1	80.0	58,400*				62.0	80.0	46,500*				68.9	80.0	26,600*				75.5	80.0	14,700*			
60.0	78.9	57,000*				65.0	79.3	45,700*				70.0	79.8	26,500*				80.0	79.2	14,400*			
65.0	77.7	55,900*	67.2	80.0	42,300*	70.0	78.3	44,700*				75.0	78.7	25,900*				85.0	78.2	14,100*			
70.0	76.5	54,800*	70.0	79.3	41,900*	75.0	77.2	43,700*				80.0	77.7	25,400*				90.0	77.3	13,700*			
75.0	75.3	53,800*	75.0	78.1	41,300*	80.0	76.1	42,700*	80.0	80.0	29,700*	85.0	76.7	24,900*				95.0	76.3	13,400*			
80.0	74.1	52,800*	80.0	76.9	40,800*	85.0	75.0	41,900*	85.0	78.9	29,700*	90.0	75.7	24,400*	92.8	80.0	17,800*	100.0	75.3	13,100*	105.6	80.0	9,400*
85.0	72.9	51,800*	85.0	75.7	40,300*	90.0	73.9	40,900*	90.0	77.7	29,600*	95.0	74.6	23,900*	95.0	79.5	17,600*	110.0	73.4	12,400*	110.0	79.1	9,300*
90.0	71.7	51,000*	90.0	74.4	39,300*	95.0	72.7	40,100*	95.0	76.6	29,300*	100.0	73.6	23,400*	100.0	78.5	17,300*	120.0	71.4	11,800*	120.0	77.1	9,100*
95.0	70.5	48,400	95.0	73.2	38,400*	100.0	71.6	39,400*	100.0	75.4	28,900*	110.0	71.5	22,500*	110.0	76.3	16,800*	130.0	69.4	11,300*	130.0	75.0	8,800*
100.0	69.3	45,700	100.0	72.0	37,600*	110.0	69.3	37,900*	110.0	73.1	28,300*	120.0	69.4	21,600*	120.0	74.1	16,400*	140.0	67.4	10,900*	140.0	72.9	8,500*
110.0	66.8	41,300	110.0	69.4	35,900*	120.0	67.0	36,500*	120.0	70.7	27,000*	130.0	67.2	20,800*	130.0	71.9	15,900*	150.0	65.3	10,400*	150.0	70.8	8,400*
120.0	64.3	35,600	120.0	66.8	34,100*	130.0	64.7	33,200*	130.0	68.3	25,900*	140.0	65.0	20,100*	140.0	69.6	15,500*	160.0	63.2	10,000*	160.0	68.6	8,100*
130.0	61.7	30,900	130.0	64.2	30,600	140.0	62.3	28,100	140.0	65.8	24,900*	150.0	62.8	19,400*	150.0	67.3	15,200*	170.0	61.1	9,700*	170.0	66.4	7,900*
140.0	59.0	26,900	140.0	61.5	28,200	150.0	59.8	24,700	150.0	63.3	24,000*	160.0	60.5	18,700*	160.0	64.9	14,900*	180.0	58.9	9,300*	180.0	64.1	7,800*
150.0	56.3	23,400	150.0	58.6	24,500	160.0	57.3	21,800	160.0	60.7	23,100*	170.0	58.1	18,100*	170.0	62.5	14,500*	190.0	56.6	9,000*	190.0	61.7	7,500*
160.0	53.4	20,400	160.0	55.7	21,400	170.0	54.6	19,100	170.0	58.0	22,100*	180.0	55.7	17,500*	180.0	60.0	14,300*	200.0	54.3	8,700*	200.0	59.3	7,400*
170.0	50.5	17,900	170.0	52.7	18,900	180.0	51.9	16,800	180.0	55.2	19,300*	190.0	53.2	16,900*	190.0	57.4	14,100*	210.0	51.9	8,500*	210.0	56.8	7,400*
180.0	47.4	15,300	180.0	49.5	16,300	190.0	49.1	14,600	190.0	52.2	16,300*	200.0	50.6	16,200*	200.0	54.6	13,800*	220.0	49.4	8,200*	220.0	54.1	7,200*
190.0	44.1	13,200	190.0	46.1	13,900	200.0	46.1	12,600	200.0	49.1	14,100	210.0	47.9	13,600*	210.0	51.8	13,600*	230.0	46.7	7,900*	230.0	51.4	7,200*
200.0	40.6	11,200	200.0	42.5	11,900	210.0	43.0	10,700	210.0	45.8	12,300	220.0	45.0	11,000	220.0	48.8	12,700*	240.0	44.0	7,800*	240.0	48.5	7,000*
210.0	36.8	9,400	210.0	38.5	10,100	220.0	39.6	9,200	220.0	42.3	10,300	230.0	42.0	9,200	230.0	45.6	10,900	250.0	41.1	7,600*	250.0	45.4	7,000*
220.0	32.6	8,100	220.0	34.1	8,500	230.0	36.0	8,100	230.0	38.4	8,700	240.0	38.8	8,000	240.0	42.1	8,800	260.0	38.0	7,400*	260.0	42.0	6,900*
225.7	30.0	7,200	228.3	30.0	7,200	240.0	29.2	6,800	240.0	34.1	7,400	250.0	35.3	6,900	250.0	38.3	7,600	270.0	34.6	6,700*	270.0	38.3	6,500
						244.7	30.0	6,100	248.3	30.0	6,300	260.0	31.4	5,600	260.0	34.0	6,200	280.0	30.9	5,500*	280.0	34.0	5,700
												263.4	30.0	5,500	268.3	30.0	5,200	282.1	30.0	5,200*	288.0	30.0	4,400
Reeves	2		Reeves	2		Reeves	2		Reeves	1		Reeves	1		Reeves	1		Reeves	1		Reeves	1	

220' Boom																							
40 ft Jib						60 ft Jib						80 ft Jib						100 ft Jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
56.8	80.0	58,200*				63.6	80.0	46,500*				70.5	80.0	26,600*				77.4	80.0	14,700*			
60.0	79.3	57,500*				65.0	79.7	46,200*				75.0	79.1	26,100*				80.0	79.5	14,400*			
65.0	78.2	56,300*	68.8	80.0	42,100*	70.0	78.7	45,100*				80.0	78.1	25,600*				85.0	78.6	14,100*			
70.0	77.0	55,300*	70.0	79.7	42,000*	75.0	77.6	44,100*				85.0	77.2	24,900*				90.0	77.7	13,700*			
75.0	75.9	54,300*	75.0	78.6	41,600*	80.0	76.6	43,200*	81.6	80.0	29,700*	90.0	76.2	24,500*	94.4	80.0	17,800*	95.0	76.7	13,400*			
80.0	74.8	53,300*	80.0	77.4	41,000*	85.0	75.5	42,300*	85.0	79.3	29,700*	95.0	75.2	24,100*	95.0	79.9	17,800*	100.0	75.8	13,100*	107.2	80.0	9,200*
85.0	73.6	52,500*	85.0	76.3	40,500*	90.0	74.4	41,300*	90.0	78.2	29,700*	100.0	74.2	23,600*	100.0	78.9	17,500*	110.0	73.9	12,600*	110.0	79.5	9,200*
90.0	72.5	51,300*	90.0	75.1	39,700*	95.0	73.4	40,500*	95.0	77.1	29,500*	110.0	72.2	22,800*	110.0	76.8	17,000*	120.0	72.0	12,000*	120.0	77.5	9,100*
95.0	71.3	48,600	95.0	73.9	38,900*	100.0	72.3	39,800*	100.0	76.0	29,100*	120.0	70.1	21,900*	120.0	74.7	16,400*	130.0	70.1	11,500*	130.0	75.6	8,800*
100.0	70.1	45,500	100.0	72.7	38,000*	110.0	70.1	38,300*	110.0	73.8	28,400*	130.0	68.0	21,000*	130.0	72.6	16,100*	140.0	68.1	11,000*	140.0	73.5	8,500*
110.0	67.7	40,600	110.0	70.3	36,400*	120.0	67.9	36,800*	120.0	71.5	27,300*	140.0	65.9	20,300*	140.0	70.4	15,700*	150.0	66.2	10,600*	150.0	71.5	8,400*
120.0	65.3	34,900	120.0	67.8	34,300*	130.0	65.6	32,300*	130.0	69.2	26,300*	150.0	63.8	19,600*	150.0	68.2	15,400*	160.0	64.1	10,200*	160.0	69.4	8,100*
130.0	62.9	30,300	130.0	65.3	30,900	140.0	63.3	27,600	140.0	66.8	25,300*	160.0	61.6	19,000*	160.0	65.9	15,100*	170.0	62.1	9,700*	170.0	67.3	7,900*
140.0	60.3	26,300	140.0	62.7	27,600	150.0	61.0	24,100	150.0	64.4	24,300*	170.0	59.3	18,300*	170.0	63.6	14,700*	180.0	60.0	9,400*	180.0	65.1	7,800*
150.0	57.7	22,700	150.0	60.1	24,100	160.0	58.6	21,100	160.0	61.9	23,600*	180.0	57.0	17,800*	180.0	61.2	14,400*	190.0	57.8	9,200*	190.0	62.8	7,700*
160.0	55.1	19,800	160.0	57.3	20,900	170.0	56.1	18,400	170.0	59.4	21,700*	190.0	54.6	17,400*	190.0	58.7	14,100*	200.0	55.6	8,900*	200.0	60.5	7,400*
170.0	52.3	17,100	170.0	54.5	18,000	180.0	53.5	15,900	180.0	56.7	18,300*	200.0	52.2	15,300*	200.0	56.2	14,000*	210.0	53.3	8,500*	210.0	58.1	7,400*
180.0	49.4	14,600	180.0	51.5	15,700	190.0	50.9	13,900	190.0	54.0	15,700	210.0	49.6	12,300	210.0	53.5	13,600*	220.0	50.9	8,300*	220.0	55.6	7,200*
190.0	46.4	12,400	190.0	48.4	13,300	200.0	48.1	11,800	200.0	51.1	13,400	220.0	47.0	9,900	220.0	50.7	12,200*	230.0	48.5	8,100*	230.0	53.1	7,200*
200.0	43.2	10,300	200.0	45.1	11,100	210.0	45.2	9,900	210.0	48.1	11,400	230.0	44.2	8,500	230.0	47.8	10,000	240.0	45.9	8,000*	240.0	50.3	7,000*
210.0	39.8	9,000	210.0	41.5	9,200	220																	

STERLING CRANE

Fixed Jib Lift Capacity (with 165 US ton / 110 US ton main hook)

Full Counterweight: 200,900 lbs Carbody Weight: 60,400

230' Boom																													
40 ft Jib						60 ft Jib						80 ft Jib						100 ft Jib											
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)											
10			30			10			30			10			30			10			30								
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)						
58.7	80.0	58,200*				65.3	80.0	46,500*				72.2	80.0	26,400*				79.1	80.0	14,700*									
60.0	79.7	57,900*				70.0	79.1	45,600*				75.0	79.5	26,100*				80.0	79.8	14,700*									
65.0	78.6	56,800*				75.0	78.1	44,600*				80.0	78.5	25,600*				85.0	78.9	14,300*									
70.0	77.5	55,700*	70.5	80.0	42,100*	80.0	77.0	43,600*	83.3	80.0	29,700*	85.0	77.6	25,100*				90.0	78.1	14,000*									
75.0	76.4	54,700*	75.0	79.0	41,800*	85.0	76.0	42,600*	85.0	79.7	29,700*	90.0	76.6	24,600*				95.0	77.2	13,600*									
80.0	75.3	53,800*	80.0	77.9	41,300*	90.0	75.0	41,700*	90.0	78.6	29,700*	95.0	75.7	24,100*	96.4	80.0	17,800*	100.0	76.3	13,300*	109.2	80.0	9,400*						
85.0	74.2	52,900*	85.0	76.8	40,800*	95.0	74.0	41,000*	95.0	77.6	29,500*	100.0	74.7	23,700*	100.0	79.3	17,500*	110.0	74.4	12,600*	110.0	79.8	9,400*						
90.0	73.1	51,300*	90.0	75.7	40,100*	100.0	72.9	40,200*	100.0	76.5	29,200*	110.0	72.8	22,800*	110.0	77.3	17,000*	120.0	72.6	12,200*	120.0	78.0	9,100*						
95.0	72.0	49,100	95.0	74.5	39,300*	110.0	70.8	38,700*	110.0	74.4	28,500*	120.0	70.8	22,100*	120.0	75.2	16,600*	130.0	70.7	11,700*	130.0	76.0	8,800*						
100.0	70.9	46,200	100.0	73.4	38,500*	120.0	68.7	36,900*	120.0	72.2	27,800*	130.0	68.8	21,200*	130.0	73.2	16,100*	140.0	68.9	11,100*	140.0	74.1	8,700*						
110.0	68.6	39,900	110.0	71.1	36,800*	130.0	66.5	31,300	130.0	70.0	26,600*	140.0	66.8	20,500*	140.0	71.1	15,700*	150.0	66.9	10,800*	150.0	72.1	8,400*						
120.0	66.3	34,300	120.0	68.7	33,900	140.0	64.3	27,100	140.0	67.7	25,500*	150.0	64.7	19,900*	150.0	69.0	15,400*	160.0	65.0	10,400*	160.0	70.1	8,200*						
130.0	64.0	29,600	130.0	66.3	30,800	150.0	62.1	23,400	150.0	65.4	24,700*	160.0	62.6	19,200*	160.0	66.8	15,100*	170.0	63.0	9,900*	170.0	68.1	8,100*						
140.0	61.5	25,600	140.0	63.9	26,900	160.0	59.8	20,400	160.0	63.1	23,600*	170.0	60.4	18,500*	170.0	64.6	14,700*	180.0	61.0	9,600*	180.0	66.0	7,800*						
150.0	59.1	22,100	150.0	61.3	23,400	170.0	57.4	17,700	170.0	60.6	20,500*	180.0	58.2	18,100*	180.0	62.3	14,500*	190.0	58.9	9,200*	190.0	63.8	7,700*						
160.0	56.5	19,000	160.0	58.8	20,100	180.0	55.0	15,200	180.0	58.1	17,400*	190.0	56.0	17,000*	190.0	60.0	14,300*	200.0	56.8	9,100*	200.0	61.6	7,600*						
170.0	53.9	16,200	170.0	56.1	17,300	190.0	52.5	12,800	190.0	55.5	15,000	200.0	53.6	13,900*	200.0	57.5	14,000*	210.0	54.6	8,800*	210.0	59.4	7,400*						
180.0	51.2	13,600	180.0	53.3	14,700	200.0	49.9	10,900	200.0	52.8	12,800	210.0	51.2	11,000	210.0	55.0	13,600*	220.0	52.4	8,400*	220.0	57.0	7,300*						
190.0	48.4	11,500	190.0	50.4	12,400	210.0	47.2	9,200	210.0	50.0	10,700	220.0	48.7	9,200	220.0	52.4	11,500*	230.0	50.1	8,300*	230.0	54.6	7,200*						
200.0	45.4	9,700	200.0	47.3	10,200	220.0	44.4	7,900	220.0	47.1	9,100	230.0	46.1	7,800	230.0	49.7	8,900	240.0	47.7	8,000*	240.0	52.0	7,200*						
210.0	42.3	7,900	210.0	44.1	8,500	230.0	41.4	6,500	230.0	43.9	7,600	240.0	43.4	6,500	240.0	46.8	7,600	250.0	45.1	7,400*	250.0	49.4	7,000*						
220.0	38.9	6,800	220.0	40.6	7,100	240.0	38.1	5,200	240.0	40.5	6,200	250.0	40.5	5,400	250.0	43.7	6,300	260.0	42.5	6,200*	260.0	46.5	7,000*						
230.0	35.3	5,400	230.0	36.8	5,600	250.0	34.6	4,100	250.0	36.8	4,700	260.0	37.4	4,500	260.0	40.4	5,100	270.0	39.7	4,900*	270.0	43.5	6,400*						
240.0	31.3	4,200	240.0	32.6	4,400	260.0	30.8	3,100	260.0	32.6	3,900	270.0	34.0	3,400	270.0	36.7	4,000	280.0	36.7	3,300*	280.0	40.3	4,900						
243.1	30.0	3,900	245.4	30.0	3,700	261.8	30.0	2,800	265.4	30.0	3,000	275.5	32.0	2,800	280.0	32.6	3,000	288.7	33.9	2,600	290.0	36.7	3,300						
															282.1	31.6	2,800				295.2	34.6	2,800						
Reeves	2		Reeves	2		Reeves	2		Reeves	1		Reeves	1		Reeves	1		Reeves	1		Reeves	1							

240' Boom																													
40 ft Jib						60 ft Jib						80 ft Jib						100 ft Jib											
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)											
10			30			10			30			10			30			10			30								
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)						
60.3	80.0	58,200*				67.2	80.0	46,500*				73.8	80.0	26,600*				80.7	80.0	14,700*									
65.0	79.0	57,200*				70.0	79.4	45,900*				75.0	79.8	26,500*				85.0	79.3	14,300*									
70.0	78.0	56,200*	72.1	80.0	42,100*	75.0	78.5	44,800*				80.0	78.9	25,800*				90.0	78.4	14,000*									
75.0	76.9	55,200*	75.0	79.4	41,800*	80.0	77.5	43,800*				85.0	78.0	25,300*				95.0	77.5	13,700*									
80.0	75.9	54,200*	80.0	78.4	41,300*	85.0	76.5	43,000*	85.3	80.0	29,700*	90.0	77.1	24,800*				100.0	76.7	13,500*									
85.0	74.8	53,400*	85.0	77.3	41,000*	90.0	75.5	42,200*	90.0	79.0	29,700*	95.0	76.1	24,400*	98.0	80.0	17,800*	110.0	74.9	12,800*	110.8	80.0	9,400*						
90.0	73.8	51,400*	90.0	76.2	40,500*	95.0	74.5	41,300*	95.0	78.0	29,600*	100.0	75.2	24,000*	100.0	79.6	17,500*	120.0	73.1	12,200*	120.0	78.3	9,100*						
95.0	72.7	48,700	95.0	75.1	39,800*	100.0	73.5	40,500*	100.0	77.0	29,400*	110.0	73.3	23,200*	110.0	77.7	17,200*	130.0	71.3	11,700*	130.0	76.5	9,000*						
100.0	71.6	45,400	100.0	74.0	38,900*	110.0	71.5	39,200*	110.0	74.9	28,700*	120.0	71.4	22,300*	120.0	75.7	16,600*	140.0	69.5	11,300*	140.0	74.6	8,700*						
110.0	69.4	39,100	110.0	71.8	37,200*	120.0	69.5	36,900*	120.0	72.8	28,000*	130.0	69.5	21,600*	130.0	73.8	16,300*	150.0	67.7	10,800*	150.0	72.7	8,400*						
120.0	67.2	33,700	120.0	69.5	33,700	130.0	67.4	30,700	130.0	70.7	27,000*	140.0	67.5	21,000*	140.0	71.8	16,000*	160.0	65.8	10,400*	160.0	70.8	8,200*						
130.0	65.0	29,000	130.0	67.3	30,500	140.0	65.3	26,500	140.0	68.6	26,000*	150.0	65.6	20,300*	150.0	69.7	15,600*	170.0	63.9	10,100*	170.0	68.8	8,100*						
140.0	62.7	24,900	140.0	64.9	26,700	150.0	63.1	23,000	150.0	66.3	25,000*	160.0	63.5	19,600*	160.0	67.6	15,300*	180.0	62.0	9,800*	180.0	66.8	7,900*						
150.0	60.3	21,400	150.0	62.5	22,800	160.0	60.9	19,900	160.0	64.1	23,700*	170.0	61.5	19,000*	170.0	65.5	15,000*	190.0	60.0	9,400*	190.0	64.7	7,700*						
160.0	57.9	18,400	160.0	60.1	19,900	170.0	58.7	17,100	170.0	61.8	19,900*	180.0	59.4	18,400*	180.0	63.3	14,600*	200.0	57.9	9,100*	200.0	62.6	7,600*						
170.0	55.4	15,700	170.0	57.5	16,900	180.0	56.4	14,600	180.0	59.4	16,800	190.0	57.2	15,900*	190.0	61.1	14,300*	210.0	55.9	8,800*	210.0	60.5	7,400*						
180.0	52.9	13,100	180.0	54.9	14,300	190.0	54.0	12,400	190.0	57.0	14,600	200.0	55.0	12,800*	200.0	58.8	14,200*	220.0	53.7	8,700*	220.0	58.3	7,300*						
190.0	50.2	11,000	190.0	52.2	11,900	200.0	51.5	10,300	200.0	54.4	12,300	210.0	52.7	10,300	210.0	56.4	13,200*	230.0	51.5	8,300*	230.0	56.0	7,200*						
200.0	47.4	9,100	200.0	49.3	9,800	210.0	49.0	8,800	210.0	51.8	10,300	220.0	50.3	8,700	220.0	54.0	11,000*	240.0	49.2	8,100*	240.0	53.6	7,200*						
210.0	44.6	7,700	210.0	46.4	8,300	220.0	46.3	7,400	220.0	4																			

STERLING CRANE

Fixed Jib Lift Capacity (with 165 US ton / 110 US ton main hook)

Full Counterweight: 200,900 lbs

Carbody Weight: 60,400

250' Boom																							
40 ft Jib						60 ft Jib						80 ft Jib						100 ft Jib					
Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)						Offset Angle (deg.)					
10			30			10			30			10			30			10			30		
Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	Rated Load (lbs)
62.0	80.0	58,200*				68.9	80.0	46,500*				75.7	80.0	26,400*				82.6	80.0	14,700*			
65.0	79.4	57,600*				70.0	79.8	46,200*				80.0	79.2	26,100*				85.0	79.6	14,500*			
70.0	78.4	56,600*	74.1	80.0	42,100*	75.0	78.8	45,200*				85.0	78.3	25,600*				90.0	78.8	14,200*			
75.0	77.4	55,600*	75.0	79.8	42,000*	80.0	77.9	44,300*				90.0	77.5	25,000*				95.0	77.9	13,800*			
80.0	76.8	54,400*	80.0	78.8	41,500*	85.0	76.9	43,400*	86.9	80.0	29,700*	95.0	76.6	24,700*	99.7	80.0	17,600*	100.0	77.1	13,500*			
85.0	75.4	52,700*	85.0	77.7	41,200*	90.0	76.0	42,600*	90.0	79.4	29,700*	100.0	75.7	24,300*	100.0	79.9	17,600*	110.0	75.4	13,000*			
90.0	74.3	51,100*	90.0	76.7	40,700*	95.0	75.0	41,800*	95.0	78.4	29,600*	110.0	73.8	23,400*	110.0	78.1	17,200*	120.0	73.6	12,500*	120.0	78.7	9,200*
95.0	73.3	47,600	95.0	75.7	40,100*	100.0	74.1	41,000*	100.0	77.4	29,400*	120.0	72.0	22,500*	120.0	76.2	16,800*	130.0	71.9	11,900*	130.0	76.9	9,000*
100.0	72.3	43,500	100.0	74.6	39,400*	110.0	72.1	39,600*	110.0	75.4	28,900*	130.0	70.1	21,900*	130.0	74.3	16,300*	140.0	70.1	11,500*	140.0	75.1	8,700*
110.0	70.2	37,800	110.0	72.5	37,700*	120.0	70.2	36,800*	120.0	73.4	28,300*	140.0	68.3	21,200*	140.0	72.4	16,000*	150.0	68.4	11,000*	150.0	73.3	8,500*
120.0	68.0	33,000	120.0	70.3	33,500	130.0	68.2	29,900	130.0	71.4	27,200*	150.0	66.4	20,500*	150.0	70.4	15,600*	160.0	66.5	10,700*	160.0	71.4	8,300*
130.0	65.9	28,300	130.0	68.1	30,300	140.0	66.1	26,000	140.0	69.3	26,200*	160.0	64.4	19,800*	160.0	68.4	15,300*	170.0	64.7	10,300*	170.0	69.5	8,100*
140.0	63.7	24,500	140.0	65.9	26,000	150.0	64.1	22,300	150.0	67.2	25,400*	170.0	62.4	19,200*	170.0	66.4	15,000*	180.0	62.8	9,800*	180.0	67.6	8,000*
150.0	61.4	21,000	150.0	63.6	22,300	160.0	62.0	19,300	160.0	65.1	23,100*	180.0	60.4	18,100*	180.0	64.3	14,700*	190.0	60.9	9,700*	190.0	65.6	7,700*
160.0	59.1	17,900	160.0	61.2	19,300	170.0	59.8	16,400	170.0	62.8	18,900*	190.0	58.4	14,800*	190.0	62.2	14,500*	200.0	59.0	9,300*	200.0	63.6	7,700*
170.0	56.8	14,900	170.0	58.8	16,200	180.0	57.6	13,800	180.0	60.6	16,500	200.0	56.2	11,700	200.0	60.0	14,200*	210.0	57.0	9,000*	210.0	61.5	7,400*
180.0	54.4	12,300	180.0	56.4	13,600	190.0	55.4	11,700	190.0	58.3	13,900	210.0	54.1	9,600	210.0	57.7	12,700*	220.0	55.0	8,700*	220.0	59.4	7,300*
190.0	51.9	10,400	190.0	53.8	11,300	200.0	53.0	9,800	200.0	55.9	11,700	220.0	51.8	8,100	220.0	55.4	10,000	230.0	52.9	8,500*	230.0	57.2	7,200*
200.0	49.3	8,600	200.0	51.1	9,300	210.0	50.6	8,100	210.0	53.4	9,900	230.0	49.5	6,900	230.0	53.0	8,100	240.0	50.7	7,600*	240.0	54.9	7,200*
210.0	46.6	7,000	210.0	48.4	7,700	220.0	48.1	6,600	220.0	50.8	8,200	240.0	47.1	5,500	240.0	50.5	6,700	250.0	48.5	6,300*	250.0	52.6	7,200*
220.0	43.7	5,500	220.0	45.4	6,000	230.0	45.5	5,200	230.0	48.1	6,700	250.0	44.6	4,300	250.0	47.8	5,400	260.0	46.1	4,600*	260.0	50.1	6,600*
230.0	40.7	4,100	230.0	42.3	4,500	240.0	42.8	4,100	240.0	45.2	5,300	260.0	41.9	3,300	260.0	45.0	4,200	270.0	43.7	3,200	270.0	47.6	5,500*
240.0	37.5	3,000	240.0	39.0	3,300	249.3	40.1	3,000	250.0	42.2	4,100	262.4	41.2	3,000	270.0	42.0	3,200	275.5	42.3	2,600	280.0	44.8	3,700*
242.7	36.6	2,600	242.7	38.0	3,000				260.0	38.9	2,900				275.5	40.3	2,600				288.7	42.3	2,600
									262.4	38.0	2,600												
Reeves	2		Reeves	2		Reeves	2		Reeves	1		Reeves	1		Reeves	1		Reeves	1		Reeves	1	

Note: Designed and rated to comply with ANSI Code B30.5
Capacities based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.