



LIFTING CHARTS - Crawler Cranes

KOBELCO MODEL CK2750G - 275 TON CAPACITY

Fixed Jib Lift Capacity (with 275 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*	71.8	80.0	18,000*
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	17,700*
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	17,200*
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	16,700*
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	16,400*
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	16,100*
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	15,700*
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	15,000*
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	14,400*
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	13,900*
90.0	52.6	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	13,600*
95.0	49.5	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	13,400*
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	34.6	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	48.6	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	41.7	27,800*	149.2	30.0	21,300*	150.0	33.0	19,600*				172.9	30.0	13,400*
130.0	30.5	31,800*	130.0	33.0	27,300*				152.8	30.0	19,600*						
130.5	30.0	31,700*	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 275 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	41,800*	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	36,100*	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	32,600	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	30,400	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	28,400	140.0	43.0	27,700*	170.0	33.3	20,800*	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	26,200	150.0	36.8	24,500*	175.1	30.0	19,400*	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	24,400	158.7	30.0	22,200*																		
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*				56.7	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	42,900*	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	36,900	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	34,300	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	31,900	130.0	51.6	29,400*	160.0	42.4	22,900*	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	28,800	140.0	46.8	27,600*	170.0	37.7	20,400*	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	25,800	150.0	41.6	24,100*	180.0	32.3	17,900*	180.0	35.4	19,600*	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	22,800	160.0	35.4	22,100	184.0	30.0	17,100*	187.6	30.0	17,800*	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	21,300	167.6	30.0	21,100													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 275 US ton main hook)

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

150' 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)
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*	82.3	80.0	17,800*	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*	85.0	79.3	17,600*	95.0	72.9	12,300*	95.1	80.0	9,700*
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*	90.0	77.9	17,300*	100.0	71.6	12,000*	100.0	78.8	9,400*
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*	95.0	76.5	16,900*	110.0	69.1	11,300*	110.0	76.2	9,000*
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*	100.0	75.1	16,700*	120.0	66.6	10,800*	120.0	73.6	8,700*
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*	110.0	72.3	16,100*	130.0	64.0	10,200*	130.0	70.9	8,400*
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*	120.0	69.4	15,500*	140.0	61.3	9,800*	140.0	68.1	8,100*
95.0	63.9	44,600*	95.0	67.3	34,900*	120.0	59.7	32,100*	120.0	64.3	24,500*	130.0	60.6	18,800*	130.0	66.3	15,200*	150.0	58.6	9,300*	150.0	65.2	7,900*
100.0	62.2	42,200*	100.0	65.6	34,100*	130.0	56.4	29,700*	130.0	60.9	23,400*	140.0	57.6	18,100*	140.0	63.2	14,600*	160.0	55.7	8,900*	160.0	62.2	7,700*
110.0	58.7	36,200	110.0	62.0	32,400*	140.0	53.0	27,700*	140.0	57.3	22,400*	150.0	54.5	17,400*	150.0	60.0	14,300*	170.0	52.8	8,600*	170.0	59.1	7,500*
120.0	55.0	33,500	120.0	58.2	31,100*	150.0	49.4	25,000*	150.0	53.5	21,600*	160.0	51.2	16,800*	160.0	56.5	14,000*	180.0	49.6	8,300*	180.0	55.8	7,400*
130.0	51.2	30,700	130.0	54.2	29,900*	160.0	45.5	22,100*	160.0	49.4	20,900*	170.0	47.8	16,100*	170.0	52.9	13,800*	190.0	46.4	8,100*	190.0	52.3	7,200*
140.0	47.1	28,100	140.0	49.9	26,900*	170.0	41.3	19,500*	170.0	45.0	20,300*	180.0	44.1	15,600*	180.0	49.0	13,500*	200.0	42.9	7,800*	200.0	48.5	7,200*
150.0	42.7	24,700	150.0	45.3	23,600*	180.0	36.7	17,500	180.0	40.0	19,500*	190.0	40.1	15,200*	190.0	44.7	13,400*	210.0	39.1	7,400*	210.0	44.4	7,000*
160.0	37.8	21,800	160.0	40.2	22,000	190.0	31.5	16,500	190.0	34.3	17,600*	200.0	35.7	14,800*	200.0	39.9	13,400*	220.0	34.9	7,300*	220.0	39.7	6,700
170.0	32.3	19,300	170.0	34.3	19,700	192.5	30.0	16,000	196.1	30.0	16,000	210.0	30.8	14,500*	210.0	34.3	13,400*	230.0	30.1	6,800*	230.0	34.2	6,300
173.8	30.0	18,500	176.1	30.0	18,000							211.2	30.0	13,600*	216.2	30.0	13,400*	230.3	30.0	6,800*	236.2	30.0	6,100
Reeves	2		Reeves	2		Reeves	2		Reeves	1		Reeves	1		Reeves	1		Reeves	1		Reeves	1	

160' 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)	
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*	83.9	80.0	17,800*	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*	85.0	79.8	17,800*	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*	90.0	78.5	17,500*	95.0	73.6	12,500*	97.1	80.0	9,200*	
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*	95.0	77.2	17,200*	100.0	72.4	12,200*	100.0	79.3	9,200*	
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*	100.0	75.8	16,800*	110.0	70.0	11,500*	110.0	76.8	9,000*	
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*	110.0	73.1	16,300*	120.0	67.6	10,900*	120.0	74.3	8,700*	
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*	120.0	70.4	15,800*	130.0	65.1	10,400*	130.0	71.7	8,400*	
95.0	65.3	44,800*	95.0	68.6	35,600*	110.0	64.3	35,000*	110.0	68.8	26,200*	130.0	62.0	19,200*	130.0	67.5	15,200*	140.0	62.6	10,000*	140.0	69.1	8,300*	
100.0	63.7	42,100	100.0	66.9	34,700*	120.0	61.3	33,200*	120.0	65.7	24,900*	140.0	59.1	18,500*	140.0	64.6	14,900*	150.0	60.0	9,500*	150.0	66.4	7,900*	
110.0	60.4	37,100	110.0	63.6	33,100*	130.0	58.2	30,900*	130.0	62.5	23,900*	150.0	56.2	17,600*	150.0	61.5	14,500*	160.0	57.3	9,100*	160.0	63.6	7,800*	
120.0	57.0	34,800	120.0	60.1	31,700*	140.0	55.0	27,900*	140.0	59.2	22,900*	160.0	53.2	17,100*	160.0	58.3	14,200*	170.0	54.5	8,800*	170.0	60.7	7,500*	
130.0	53.5	31,700	130.0	56.4	30,100*	150.0	51.6	24,500*	150.0	55.7	22,100*	170.0	50.0	16,500*	170.0	55.0	13,900*	180.0	51.6	8,500*	180.0	57.6	7,400*	
140.0	49.8	27,800	140.0	52.6	26,600*	160.0	48.1	21,600*	160.0	52.0	21,400*	180.0	46.6	15,900*	180.0	51.4	13,600*	190.0	48.6	8,100*	190.0	54.4	7,200*	
150.0	45.8	24,300	150.0	48.4	23,700	170.0	44.3	19,500	170.0	48.0	20,700*	190.0	43.1	15,400*	190.0	47.6	13,400*	200.0	45.3	8,000*	200.0	51.0	7,200*	
160.0	41.5	21,300	160.0	44.0	22,100	180.0	40.3	18,000	180.0	43.7	19,700*	200.0	39.2	15,100*	200.0	43.4	13,400*	210.0	41.9	7,700*	210.0	47.3	7,000*	
170.0	36.8	18,800	170.0	39.0	19,500	190.0	35.8	15,900	190.0	38.9	17,400*	210.0	34.9	14,700*	210.0	38.8	13,400*	220.0	38.2	7,500*	220.0	43.2	6,900*	
180.0	31.4	16,400	180.0	33.2	16,900	200.0	30.7	13,900	200.0	33.2	14,900*	220.0	30.1	12,300*	220.0	33.1	12,900*	230.0	34.1	7,400*	230.0	38.6	6,600	
182.4	30.0	15,800	185.0	30.0	15,600	201.4	30.0	13,600	205.0	30.0	13,400*	220.1	30.0	12,300*	225.0	30.0	11,200*	238.8	30.0	6,800*	240.0	33.1	6,200	
																			244.7	30.0		244.7	30.0	5,900
Reeves	2		Reeves	2		Reeves	2		Reeves	1		Reeves	1		Reeves	1		Reeves	1		Re			

STERLING CRANE

Fixed Jib Lift Capacity (with 275 US ton main hook)

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

170' 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)
48.2	80.0	58,400*				55.1	80.0	46,700*				61.7	80.0	26,600*				68.6	80.0	14,900*			
50.0	79.5	57,800*				60.0	78.7	45,300*				65.0	79.3	26,300*				70.0	79.7	14,800*			
55.0	78.1	56,400*				65.0	77.4	44,000*				70.0	78.1	25,600*				75.0	78.6	14,200*			
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*				80.0	77.5	13,800*			
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*				85.0	76.4	13,400*			
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*	90.0	75.3	13,100*			
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*	95.0	74.2	12,700*	98.7	80.0	9,200*
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*	100.0	73.1	12,400*	100.0	79.7	9,200*
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*	110.0	70.8	11,700*	110.0	77.4	9,200*
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*	120.0	68.5	11,100*	120.0	75.0	8,900*
95.0	66.6	45,600*	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*	130.0	66.1	10,600*	130.0	72.5	8,600*
100.0	65.1	42,500	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*	140.0	63.7	10,200*	140.0	70.0	8,300*
110.0	62.0	38,200	110.0	65.0	33,700*	130.0	59.8	31,400*	130.0	63.9	24,300*	140.0	60.5	18,800*	140.0	65.8	15,100*	150.0	61.2	9,700*	150.0	67.4	8,100*
120.0	58.8	35,800	120.0	61.8	32,300*	140.0	56.8	27,100*	140.0	60.8	23,300*	150.0	57.8	18,100*	150.0	62.9	14,800*	160.0	58.7	9,300*	160.0	64.8	7,800*
130.0	55.5	31,100	130.0	58.4	29,900*	150.0	53.6	23,600*	150.0	57.6	22,500*	160.0	54.9	17,400*	160.0	60.0	14,400*	170.0	56.1	9,000*	170.0	62.0	7,700*
140.0	52.1	27,100	140.0	54.8	25,900*	160.0	50.4	21,500	160.0	54.2	21,700*	170.0	52.0	16,700*	170.0	56.9	14,100*	180.0	53.3	8,700*	180.0	59.2	7,400*
150.0	48.4	23,600	150.0	51.1	23,900	170.0	46.9	19,500	170.0	50.6	20,900*	180.0	48.9	16,300*	180.0	53.6	13,700*	190.0	50.5	8,300*	190.0	56.2	7,400*
160.0	44.6	20,700	160.0	47.1	21,500	180.0	43.3	17,200	180.0	46.7	19,200*	190.0	45.6	15,800*	190.0	50.1	13,600*	200.0	47.5	8,100*	200.0	53.0	7,200*
170.0	40.4	18,000	170.0	42.7	18,700	190.0	39.3	15,000	190.0	42.5	16,800*	200.0	42.1	15,400*	200.0	46.4	13,400*	210.0	44.4	7,900*	210.0	49.7	7,200*
180.0	35.8	15,500	180.0	37.8	16,200	200.0	34.9	12,800	200.0	37.7	14,300*	210.0	38.3	13,800*	210.0	42.3	13,200*	220.0	41.0	7,700*	220.0	46.1	7,000*
190.0	30.6	13,200	190.0	32.3	13,700	209.9	30.0	11,200	210.0	32.3	12,100	220.0	34.1	12,200*	220.0	37.6	12,300*	230.0	37.4	7,400*	230.0	42.1	7,000
191.2	30.0	13,000	193.5	30.0	12,700				213.5	30.0	11,200	228.6	30.0	10,500*	230.0	32.2	10,400*	240.0	33.4	7,200*	240.0	37.6	6,700
															233.5	30.0	9,400*	247.3	30.0	6,600*	250.0	32.2	6,100
																		253.6	30.0				5,900
Reeves	2		Reeves	2		Reeves	2		Reeves	1		Reeves	1		Reeves	1		Reeves	1		Reeves	1	

180' 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)
49.9	80.0	58,200*				56.8	80.0	46,500*				63.6	80.0	26,600*				70.5	80.0	14,900*			
50.0	79.9	58,100*				60.0	79.2	45,800*				65.0	79.7	26,500*				75.0	79.0	14,400*			
55.0	78.6	57,000*				65.0	78.0	44,600*				70.0	78.5	25,800*				80.0	78.0	14,000*			
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*				85.0	76.9	13,600*			
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*				90.0	75.8	13,300*			
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*	95.0	74.8	13,000*			
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*	100.0	73.7	12,600*	100.3	80.0	9,400*
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*	110.0	71.5	12,000*	110.0	77.9	9,300*
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*	120.0	69.3	11,400*	120.0	75.6	8,900*
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*	130.0	67.0	10,800*	130.0	73.2	8,600*
95.0	67.7	45,900*	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*	140.0	64.7	10,400*	140.0	70.8	8,300*
100.0	66.3	42,600	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*	150.0	62.4	9,900*	150.0	68.4	8,100*
110.0	63.4	39,100	110.0	66.3	34,300*	130.0	61.2	31,700*	130.0	65.2	24,800*	140.0	61.8	19,200*	140.0	66.9	15,100*	160.0	60.0	9,600*	160.0	65.9	8,000*
120.0	60.4	35,000	120.0	63.2	32,900*	140.0	58.3	26,500	140.0	62.3	23,800*	150.0	59.2	18,300*	150.0	64.2	14,800*	170.0	57.5	9,200*	170.0	63.3	7,700*
130.0	57.3	30,500	130.0	60.1	29,400*	150.0	55.4	23,900	150.0	59.2	22,900*	160.0	56.5	17,900*	160.0	61.4	14,400*	180.0	54.9	8,900*	180.0	60.6	7,600*
140.0	54.1	26,300	140.0	56.8	25,700	160.0	52.4	21,400	160.0	56.1	22,000*	170.0	53.8	17,200*	170.0	58.5	14,100*	190.0	52.3	8,600*	190.0	57.8	7,400*
150.0	50.8	23,000	150.0	53.3	23,700	170.0	49.2	18,900	170.0	52.8	21,000*	180.0	50.9	16,600*	180.0	55.5	14,000*	200.0	49.5	8,200*	200.0	54.9	7,200*
160.0	47.2	20,000	160.0	49.7	20,800	180.0	45.8	16,300	180.0	49.3	18,800*	190.0	47.8	16,100*	190.0	52.3	13,600*	210.0	46.6	8,100*	210.0	51.8	7,200*
170.0	43.5	17,100	170.0	45.8	18,000	190.0	42.3	14,300	190.0	45.5	16,300*	200.0	44.6	15,300*	200.0	48.9	13,500*	220.0	43.5	7,800*	220.0	48.5	7,000*
180.0	39.4	14,600	180.0	41.5	15,300	200.0	38.4	12,000	200.0	41.3	13,400*	210.0	41.2	13,400*	210.0	45.2	13,400*	230.0	40.2	7,700*	230.0	45.0	7,000*
190.0	35.0	12,600	190.0	36.8	12,800	210.0	34.1	10,300	210.0	36.8	11,400	220.0	37.5	11,600*	220.0	41.2	11,600*	240.0	36.6	7,400*	240.0	41.0	6,900*
199.8	30.0	10,500	200.0	31.3	10,800	218.5	30.0	8,800	220.0	31.3	9,500	230.0	33.4	9,600*	230.0	36.7	10,000*	250.0	32.7	7,200*	250.0	36.6	6,500
			202.0	30.0	10,30																		

STERLING CRANE

Fixed Jib Lift Capacity (with 275 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	46,200*	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	42,600	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	39,600	110.0	67.4	34,800*	120.0	65.0	35,300*	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	34,500	120.0	64.6	33,000*	130.0	62.4	31,900*	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	29,600	130.0	61.6	28,700*	140.0	59.8	27,000	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	25,600	140.0	58.5	25,700	150.0	57.0	24,000	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	22,100	150.0	55.3	23,400	160.0	54.2	20,800	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	19,000	160.0	52.0	20,100	170.0	51.2	18,000	170.0	54.7	20,800*	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	16,400	170.0	48.4	17,100	180.0	48.1	15,600	180.0	51.5	18,300*	200.0	46.8	14,700*	200.0	51.0	13,600*	210.0	48.5	8,100*	210.0	53.7	7,200*				
180.0	42.4	13,800	180.0	44.6	14,600	190.0	44.8	13,200	190.0	48.0	15,200*	210.0	43.7	12,700*	210.0	47.7	13,000*	220.0	45.7	8,000*	220.0	50.6	7,200*				
190.0	38.5	11,500	190.0	40.5	12,100	200.0	41.3	11,200	200.0	44.3	12,800	220.0	40.3	10,700*	220.0	44.1	11,000*	230.0	42.7	7,700*	230.0	47.4	7,000*				
200.0	34.1	9,600	200.0	35.8	10,000	210.0	37.6	9,400	210.0	40.3	10,500	230.0	36.7	8,300	230.0	40.2	9,400*	240.0	39.4	7,500*	240.0	43.9	6,900*				
208.3	30.0	8,100	210.0	30.5	8,100	220.0	33.4	7,900	220.0	35.8	8,700	240.0	32.7	6,600	240.0	35.7	7,400*	250.0	35.9	7,400*	250.0	40.1	6,500				
			210.9	30.0	7,900	227.3	30.0	6,800	230.0	30.5	6,900	246.0	30.0	5,900	250.0	30.5	5,900	260.0	32.0	6,200*	260.0	35.7	6,300				
									230.9	30.0	6,800							250.9	30.0	5,700	264.7	30.0	4,100				
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	49,500*	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	45,900*	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	42,400	100.0	71.1	36,900*	120.0	66.1	35,700*	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	39,200	110.0	68.5	35,400*	130.0	63.6	31,900*	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	33,800	120.0	65.8	33,100*	140.0	61.1	26,800	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	29,100	130.0	63.0	28,400*	150.0	58.5	23,400	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	25,100	140.0	60.1	25,900	160.0	55.8	20,400	160.0	59.3	22,700*	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	21,500	150.0	57.1	23,000	170.0	53.0	17,500	170.0	56.4	20,400*	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	18,600	160.0	54.0	19,800	180.0	50.1	14,900	180.0	53.4	17,800*	190.0	51.6	16,500*	190.0	55.8	13,800*	200.0	52.8	8,500*	200.0	58.0	7,300*
170.0	48.4	15,800	170.0	50.7	16,700	190.0	47.1	12,600	190.0	50.3	14,400*	200.0	48.8	14,400*	200.0	52.9	13,700*	210.0	50.3	8,300*	210.0	55.3	7,200*
180.0	45.1	13,300	180.0	47.2	14,200	200.0	43.9	10,600	200.0	46.9	12,100	210.0	45.9	12,300*	210.0	49.9	13,000*	220.0	47.6	8,000*	220.0	52.5	7,200*
190.0	41.5	11,000	190.0	43.5	11,900	210.0	40.5	8,800	210.0	43.3	10,300	220.0	42.8	9,800*	220.0	46.6	10,800*	230.0	44.8	7,900*	230.0	49.5	7,000*
200.0	37.6	8,900	200.0	39.4	9,700	220.0	36.7	7,300	220.0	39.3	8,400	230.0	39.5	7,400	230.0	43.1	8,900*	240.0	41.8	7,700*	240.0	46.3	7,000*
210.0	33.4	7,200	210.0	35.0	7,700	230.0	32.7	6,100	230.0	34.9	6,700	240.0	36.0	6,100	240.0								

STERLING CRANE

Fixed Jib Lift Capacity (with 275 US ton main hook)

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

210' 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)
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*	100.0	75.3	13,100*
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*	110.0	73.4	12,400*
90.0	71.7	49,900*	90.0	74.4	39,300*	95.0	72.7	40,100*	95.0	76.6	29,300*	100.0	73.6	23,400*	120.0	71.4	11,800*
95.0	70.5	46,500	95.0	73.2	38,400*	100.0	71.6	39,400*	100.0	75.4	28,900*	110.0	71.5	22,500*	130.0	69.4	11,300*
100.0	69.3	43,300	100.0	72.0	37,600*	110.0	69.3	37,900*	110.0	73.1	28,300*	120.0	69.4	21,600*	140.0	67.4	10,900*
110.0	66.8	38,900	110.0	69.4	35,900*	120.0	67.0	36,000*	120.0	70.7	27,000*	130.0	67.2	20,800*	150.0	65.3	10,400*
120.0	64.3	33,200	120.0	66.8	32,900*	130.0	64.7	31,100*	130.0	68.3	25,900*	140.0	65.0	20,100*	160.0	63.2	10,000*
130.0	61.7	28,500	130.0	64.2	28,200	140.0	62.3	25,900	140.0	65.8	24,900*	150.0	62.8	19,400*	170.0	61.1	9,700*
140.0	59.0	24,500	140.0	61.5	26,000	150.0	59.8	22,500	150.0	63.3	24,000*	160.0	60.5	18,700*	180.0	58.9	9,300*
150.0	56.3	21,000	150.0	58.6	22,300	160.0	57.3	19,600	160.0	60.7	22,700*	170.0	58.1	18,100*	190.0	56.6	9,000*
160.0	53.4	17,700	160.0	55.7	19,100	170.0	54.6	16,700	170.0	58.0	20,200*	180.0	55.7	17,500*	200.0	54.3	8,700*
170.0	50.5	15,100	170.0	52.7	16,200	180.0	51.9	14,100	180.0	55.2	17,000*	190.0	53.2	15,900*	210.0	51.9	8,500*
180.0	47.4	12,400	180.0	49.5	13,500	190.0	49.1	11,900	190.0	52.2	13,900*	200.0	50.6	13,900*	220.0	49.4	8,200*
190.0	44.1	10,100	190.0	46.1	11,000	200.0	46.1	9,900	200.0	49.1	11,600	210.0	47.9	11,000*	230.0	46.7	7,900*
200.0	40.6	8,200	200.0	42.5	8,800	210.0	43.0	8,100	210.0	45.8	9,600	220.0	45.0	8,400	240.0	44.0	7,500*
210.0	36.8	6,300	210.0	38.5	7,200	220.0	39.6	6,500	220.0	42.3	7,600	230.0	42.0	6,700	250.0	41.1	6,500*
220.0	32.6	5,100	220.0	34.1	5,400	230.0	36.0	5,200	230.0	38.4	6,100	240.0	38.8	5,400	260.0	38.0	5,300*
225.7	30.0	4,100	228.3	30.0	4,100	240.0	32.0	4,000	240.0	34.1	4,600	250.0	35.3	4,500	270.0	34.6	4,200*
						244.7	30.0	3,500	248.3	30.0	3,700	260.0	31.4	3,200	280.0	30.9	3,000*
												263.4	30.0	2,800	282.1	30.0	2,800*
Reeves	2		Reeves	2		Reeves	2		Reeves	1		Reeves	1		Reeves	1	

220' 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)
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*
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*
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*
90.0	72.5	49,600*	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*
95.0	71.3	46,100	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*
100.0	70.1	43,100	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*
110.0	67.7	38,200	110.0	70.3	36,400*	120.0	67.9	36,200*	120.0	71.5	27,300*	140.0	65.9	20,300*	140.0	70.4	15,700*
120.0	65.3	32,500	120.0	67.8	32,300*	130.0	65.6	30,100*	130.0	69.2	26,300*	150.0	63.8	19,600*	150.0	68.2	15,400*
130.0	62.9	27,800	130.0	65.3	28,500	140.0	63.3	25,400	140.0	66.8	25,300*	160.0	61.6	19,000*	160.0	65.9	15,100*
140.0	60.3	23,800	140.0	62.7	25,400	150.0	61.0	21,900	150.0	64.4	24,300*	170.0	59.3	18,300*	170.0	63.6	14,700*
150.0	57.7	20,100	150.0	60.1	21,900	160.0	58.6	18,900	160.0	61.9	22,600*	180.0	57.0	17,500*	180.0	61.2	14,400*
160.0	55.1	17,000	160.0	57.3	18,500	170.0	56.1	15,800	170.0	59.4	19,800*	190.0	54.6	15,400*	190.0	58.7	14,100*
170.0	52.3	14,200	170.0	54.5	15,100	180.0	53.5	13,300	180.0	56.7	16,000*	200.0	52.2	12,900*	200.0	56.2	13,600*
180.0	49.4	11,600	180.0	51.5	12,800	190.0	50.9	11,000	190.0	54.0	13,200	210.0	49.6	9,600	210.0	53.5	11,600*
190.0	46.4	9,300	190.0	48.4	10,400	200.0	48.1	9,000	200.0	51.1	10,900	220.0	47.0	7,300	220.0	50.7	9,800*
200.0	43.2	7,400	200.0	45.1	8,200	210.0	45.2	7,200	210.0	48.1	8,800	230.0	44.2	6,100	230.0	47.8	7,600
210.0	39.8	5,900	210.0	41.5	6,300	220.0	42.1	5,900	220.0	44.8	7,000	240.0	41.2	4,600	240.0	44.6	5,800
220.0	36.0	4,300	220.0	37.6	4,900	230.0	38.9	4,500	230.0	41.4	5,400	250.0	38.1	3,600	250.0	41.2	4,500
230.0	32.0	3,000	229.6	33.5	3,500	240.0	35.3	3,100	240.0	37.6	4,200	255.9	36.1	3,000	260.0	37.5	3,300
234.5	30.0	2,600				242.7	34.3	2,800	249.3	33.6	2,800				262.4	36.5	3,000
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 275 US ton main hook)

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

230' 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)
58.7	80.0	58,200*				65.3	80.0	46,500*				72.2	80.0	26,400*			
60.0	79.7	57,900*				70.0	79.1	45,600*				75.0	79.5	26,100*			
65.0	78.6	56,800*				75.0	78.1	44,600*				80.0	78.5	25,600*			
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*			
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*			
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*			
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*	96.4	80.0	17,800*
90.0	73.1	49,700*	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*
95.0	72.0	46,900	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*
100.0	70.9	44,000	100.0	73.4	38,500*	120.0	68.7	35,800*	120.0	72.2	27,800*	130.0	68.8	21,200*	130.0	73.2	16,100*
110.0	68.6	37,400	110.0	71.1	36,600*	130.0	66.5	29,100	130.0	70.0	26,600*	140.0	66.8	20,500*	140.0	71.1	15,700*
120.0	66.3	31,800	120.0	68.7	31,800	140.0	64.3	24,700	140.0	67.7	25,500*	150.0	64.7	19,900*	150.0	69.0	15,400*
130.0	64.0	27,100	130.0	66.3	28,600	150.0	62.1	21,200	150.0	65.4	24,700*	160.0	62.6	19,200*	160.0	66.8	15,100*
140.0	61.5	23,200	140.0	63.9	24,600	160.0	59.8	17,900	160.0	63.1	21,900*	170.0	60.4	18,500*	170.0	64.6	14,700*
150.0	59.1	19,500	150.0	61.3	21,000	170.0	57.4	15,100	170.0	60.6	18,500*	180.0	58.2	17,000*	180.0	62.3	14,500*
160.0	56.5	16,200	160.0	58.8	17,600	180.0	55.0	12,500	180.0	58.1	14,800*	190.0	56.0	14,600*	190.0	60.0	14,300*
170.0	53.9	13,100	170.0	56.1	14,500	190.0	52.5	10,200	190.0	55.5	12,600	200.0	53.6	11,300*	200.0	57.5	13,300*
180.0	51.2	10,500	180.0	53.3	11,800	200.0	49.9	8,200	200.0	52.8	10,200	210.0	51.2	8,300	210.0	55.0	11,400*
190.0	48.4	8,600	190.0	50.4	9,300	210.0	47.2	6,300	210.0	50.0	8,300	220.0	48.7	6,500	220.0	52.4	9,100*
200.0	45.4	6,700	200.0	47.3	7,400	220.0	44.4	5,000	220.0	47.1	6,400	230.0	46.1	5,200	230.0	49.7	6,500
210.0	42.3	5,000	210.0	44.1	5,700	230.0	41.4	3,700	230.0	43.9	5,000	240.0	43.4	3,900	240.0	46.8	5,200
220.0	38.9	3,700	220.0	40.6	4,200	236.2	39.4	2,800	240.0	40.5	3,400	249.3	40.7	2,800	250.0	43.7	3,600
223.0	37.9	3,300	229.6	37.0	2,600				242.7	39.5	3,000				255.9	41.8	3,000
Reeves	2		Reeves	2		Reeves	2		Reeves	1		Reeves	1		Reeves	1	

240' 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)
60.4	80.0	58,200*				67.3	80.0	46,500*				73.8	80.0	26,600*			
65.0	79.0	57,200*				70.0	79.4	45,900*				75.0	79.8	26,500*			
70.0	78.0	56,200*	72.1	80.0	42,100*	75.0	78.5	44,800*				80.0	78.9	25,800*			
75.0	76.9	55,200*	75.0	79.4	41,800*	80.0	77.5	43,800*				85.0	78.0	25,300*			
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*			
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*
90.0	73.8	49,700*	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*
95.0	72.7	46,200	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*
100.0	71.6	42,900	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*
110.0	69.4	36,700	110.0	71.8	36,400*	120.0	69.5	35,500*	120.0	72.8	28,000*	130.0	69.5	21,600*	130.0	73.8	16,300*
120.0	67.2	31,200	120.0	69.5	31,500	130.0	67.4	28,500	130.0	70.7	27,000*	140.0	67.5	21,000*	140.0	71.8	16,000*
130.0	65.0	26,500	130.0	67.3	28,300	140.0	65.3	24,200	140.0	68.6	26,000*	150.0	65.6	20,300*	150.0	69.7	15,600*
140.0	62.7	22,500	140.0	64.9	24,400	150.0	63.1	20,700	150.0	66.3	24,600*	160.0	63.5	19,600*	160.0	67.6	15,300*
150.0	60.3	18,800	150.0	62.5	20,600	160.0	60.9	17,400	160.0	64.1	21,800*	170.0	61.5	19,000*	170.0	65.5	15,000*
160.0	57.9	15,500	160.0	60.1	17,200	170.0	58.7	14,500	170.0	61.8	17,700*	180.0	59.4	16,700*	180.0	63.3	14,600*
170.0	55.4	12,700	170.0	57.5	14,200	180.0	56.4	11,800	180.0	59.4	14,300	190.0	57.2	13,500*	190.0	61.1	14,300*
180.0	52.9	10,000	180.0	54.9	11,400	190.0	54.0	9,700	190.0	57.0	11,900	200.0	55.0	10,200*	200.0	58.8	13,100*
190.0	50.2	8,100	190.0	52.2	9,100	200.0	51.5	7,600	200.0	54.4	9,700	210.0	52.7	7,700	210.0	56.4	10,700*
200.0	47.4	6,100	200.0	49.3	6,900	210.0	49.0	5,900	210.0	51.8	7,700	220.0	50.3	6,100	220.0	54.0	8,600*
210.0	44.6	4,600	210.0	46.4	5,200	220.0	46.3	4,600	220.0	49.0	5,900	230.0	47.9	4,800	230.0	51.4	6,300
220.0	41.5	3,100	220.0	43.2	3,700	229.6	43.7	3,300	230.0	46.1	4,500	240.0	45.3	3,500	240.0	48.7	4,800
223.0	40.5	2,600	223.0	42.2	3,300				240.0	43.0	3,100	242.7	44.6	3,300	250.0	45.9	3,600
									242.7	42.1	2,800				255.9	44.1	2,800
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 275 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*				75.8	80.0	26,400*				82.7	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	55,600*	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	53,500*	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	76.4	51,500*	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	49,700*	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*	112.5	80.0	9,400*
90.0	74.3	48,400*	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	45,200	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	41,100	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	35,200	110.0	72.5	36,300*	120.0	70.2	34,500*	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	30,600	120.0	70.3	31,300	130.0	68.2	27,600	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	25,900	130.0	68.1	28,000	140.0	66.1	23,800	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	22,000	140.0	65.9	23,800	150.0	64.1	20,100	150.0	67.2	24,400*	170.0	62.4	18,600*	170.0	66.4	15,000*	180.0	62.8	9,800*	180.0	67.6	8,000*
150.0	61.4	18,100	150.0	63.6	19,900	160.0	62.0	16,700	160.0	65.1	20,900*	180.0	60.4	15,800*	180.0	64.3	14,700*	190.0	60.9	9,700*	190.0	65.6	7,700*
160.0	59.1	14,800	160.0	61.2	16,600	170.0	59.8	13,800	170.0	62.8	16,700*	190.0	58.4	12,200*	190.0	62.2	14,500*	200.0	59.0	9,300*	200.0	63.6	7,700*
170.0	56.8	11,800	170.0	58.8	13,400	180.0	57.6	11,200	180.0	60.6	14,000	200.0	56.2	9,100	200.0	60.0	12,500*	210.0	57.0	9,000*	210.0	61.5	7,400*
180.0	54.4	9,400	180.0	56.4	10,800	190.0	55.4	9,000	190.0	58.3	11,300	210.0	54.1	7,000	210.0	57.7	10,500*	220.0	55.0	8,200*	220.0	59.4	7,300*
190.0	51.9	7,300	190.0	53.8	8,400	200.0	53.0	6,900	200.0	55.9	9,100	220.0	51.8	5,400	220.0	55.4	7,600	230.0	52.9	6,700*	230.0	57.2	7,200*
200.0	49.3	5,600	200.0	51.1	6,300	210.0	50.6	5,200	210.0	53.4	7,000	230.0	49.5	4,100	230.0	53.0	5,600	240.0	50.7	5,200*	240.0	54.9	7,100*
210.0	46.6	3,900	210.0	48.4	4,800	220.0	48.1	3,800	220.0	50.8	5,500	240.0	47.1	2,900	240.0	50.5	4,200	250.0	48.5	3,800*	250.0	52.6	6,000*
216.5	44.7	3,000	216.5	46.5	3,500	223.0	47.3	3,300	230.0	48.1	4,100	242.7	46.4	2,600	249.3	48.0	2,800	255.9	47.1	2,800*	260.0	50.1	4,500*
									236.2	46.3	3,000										269.0	47.8	3,500*
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.