STERLING CRANE

LIFTING CHARTS - Crawler Cranes

KOBELCO MODEL CK2750G - 275 TON CAPACITY

Fixed Jib Lift Capacity (with 77 US ton / 39 US ton main hook)

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

90' 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)
34.1	80.0	59,500*				41.0	80.0	46,700*				47.9	80.0	26,600*				54.8	80.0	14,900*			
36.0	79.2	58,300*				42.0	79.6	46,300*				48.0	79.9	26,600*				55.0	79.9	14,900*			
38.0	78.3	57,000*				44.0	78.9	45,600*				50.0	79.3	26,300*				60.0	78.4	14,200*			
40.0	77.4	55,900*				46.0	78.1	44,900*				55.0	77.5	25,500*				65.0	76.8	13,700*			
42.0	76.5	55,100*				48.0	77.3	44,200*				60.0	75.8	24,500*				70.0	75.2	13,200*			
44.0	75.6	54,300*				50.0	76.5	43,400*				65.0	74.0	23,600*				75.0	73.6	12,700*			
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	80.1	18,000*	80.0	72.0	12,200*	84.9	80.0	9,700*
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*	85.0	70.4	11,700*	85.0	79.9	9,700*
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*	90.0	68.7	11,300*	90.0	78.2	9,300*
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*	95.0	67.0	11,000*	95.0	76.5	9,100*
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*	100.0	65.3	10,600*	100.0	74.7	8,900*
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*	110.0	61.8	10,000*	110.0	71.0	8,400*
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	15,700*	120.0	58.1	9,400*	120.0	67.2	8,100*
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	15,000*	130.0	54.2	8,900*	130.0	63.1	7,900*
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*	140.0	50.1	8,500*	140.0	58.7	7,600*
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*	150.0	45.7	8,100*	150.0	54.0	7,300*
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	49.4	13,600*	160.0	40.8	7,800*	160.0	48.7	7,200*
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	13,400*	170.0	35.3	7,300*	170.0	42.5	7,000*
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*	178.1	30.0	6,800*	180.0	34.6	6,500
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*				184.3	30.0	6,100
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	Reeves		1	Reeves		1

100' 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)
36.1	80.0	58,200				43.0	80.0	46,700*				49.5	80.0	26,600*				56.4	80.0	14,900*			
38.0	79.2	57,500				44.0	79.6	46,300*				50.0	79.9	26,600*				60.0	79.0	14,400*			
40.0	78.3	56,800				46.0	78.8	45,600*				55.0	78.3	25,800*				65.0	77.5	13,900*			
42.0	77.5	56,000				48.0	78.1	44,900*				60.0	76.6	24,900*				70.0	76.0	13,400*			
44.0	76.6	55,200				50.0	77.4	44,200*				65.0	74.9	24,100*				75.0	74.5	12,900*			
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*	80.0	72.9	12,400*			
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*	85.0	71.4	12,100*	86.6	80.0	9,700*
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*	90.0	69.8	11,600*	90.0	78.9	9,500*
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*	95.0	68.3	11,200*	95.0	77.2	9,200*
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*	100.0	66.6	10,900*	100.0	75.6	8,900*
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*	110.0	63.4	10,200*	110.0	72.1	8,600*
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*	120.0	60.0	9,600*	120.0	68.6	8,300*
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*	130.0	56.4	9,100*	130.0	64.8	7,900*
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*	140.0	52.7	8,700*	140.0	60.9	7,700*
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*	150.0	48.7	8,400*	150.0	56.7	7,500*
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*	160.0	44.4	8,000*	160.0	52.0	7,200*
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*	170.0	39.7	7,700*	170.0	46.9	7,200*
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*	180.0	34.3	7,300*	180.0	40.7	6,800*
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*	187.0	30.0	6,600*	190.0	33.0	6,400
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*				192.9	30.0	6,100
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	Reeves		1	Reeves		1

STERLING CRANE

Fixed Jib Lift Capacity (with 77 US ton / 39 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	56.6	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	46.1	20,500*	170.0	34.3	14,700*	170.0	39.4	13,400*	180.0	38.6	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	33,500*	130.0	39.8	27,600*				161.7	30.0	19,600*										201.4	30.0	5,900
139.1	30.0	30,600*	140.0	31.5	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*				46.3	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	70.8	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	60.6	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	37,100*	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	33,700*	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	31,700	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	30,200	150.0	30.2	27,300*																		
			150.2	30.0	27,300*																		
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.*

Fixed Jib Lift Capacity (with 77 US ton / 39 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	80.1	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	39,300*	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	36,200	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	34,000	130.0	48.5	28,700*	160.0	38.8	22,800*	160.0	42.8	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	32,000	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	29,900	150.0	36.8	27,300*	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	28,200	158.7	30.0	25,700*																		
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	43,700*	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	40,400	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	37,900	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	35,700	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	46.1	13,400*	190.0	43.9	7,900*	190.0	49.9	7,200*
140.0	43.9	32,400	140.0	46.8	28,500*	170.0	37.7	22,500*	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	29,500	150.0	41.6	27,400*	180.0	32.3	21,200*	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	26,500	160.0	35.4	25,600	184.0	30.0	20,500*	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	25,100	167.6	30.0	24,900													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

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 77 US ton / 39 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	44,800*	95.0	67.3	34,900*	120.0	59.7	32,100*	120.0	64.3	24,500*	130.0	60.6	18,800*	130.0	66.3	15,200*	150.0	58.6	9,300*	150.0	65.2	7,900*
100.0	62.2	43,500*	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	39,800	110.0	62.0	32,400*	140.0	53.0	27,800*	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	37,000	120.0	58.2	31,100*	150.0	49.4	26,100*	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	34,500	130.0	54.2	29,900*	160.0	45.5	24,700*	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	31,800	140.0	49.9	29,000*	170.0	41.3	22,800*	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	28,500	150.0	45.3	27,100*	180.0	36.7	21,000	180.0	40.0	19,900*	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	25,500	160.0	40.2	25,600	190.0	31.5	19,800	190.0	34.3	19,600*	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	23,000	170.0	34.3	23,500	192.5	30.0	19,800	196.1	30.0	19,400	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	22,400	176.1	30.0	21,800							211.2	30.0	14,300*	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	72.7	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	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*	130.0	67.5	15,200*	140.0	62.6	10,000*	140.0	69.1	8,300*
100.0	63.7	44,000	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	40,600	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	38,500	120.0	60.1	31,700*	140.0	55.0	28,900*	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	35,500	130.0	56.4	30,500*	150.0	51.6	27,200*	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	31,400	140.0	52.6	29,300*	160.0	48.1	24,900*	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	28,000	150.0	48.4	27,300	170.0	44.3	22,800	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	25,100	160.0	44.0	25,700	180.0	40.3	21,300	180.0	43.7	20,100*	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	22,600	170.0	39.0	23,000	190.0	35.8	19,400	190.0	38.9	19,800*	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	20,300	180.0	33.2	20,800	200.0	30.7	17,600	200.0	33.2	18,300*	220.0	30.1	14,300*	220.0	33.1	13,400*	230.0	34.1	7,400*	230.0	38.6	6,600
182.4	30.0	19,800	185.0	30.0	19,800	201.4	30.0	17,400	205.0	30.0	17,100*	220.1	30.0	14,300*	225.0	30.0	13,400*	238.8	30.0	6,800*	240.0	33.1	6,200
																					244.7	30.0	5,900
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.*

STERLING CRANE

Fixed Jib Lift Capacity (with 77 US ton / 39 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	46,700*	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	45,300	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	41,800	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*	150.0	61.2	9,700*	150.0	67.4	8,100*
120.0	58.8	39,400	120.0	61.8	32,300*	140.0	56.8	29,900*	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	34,900	130.0	58.4	31,200*	150.0	53.6	27,100*	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	30,900	140.0	54.8	29,500*	160.0	50.4	24,800	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	27,400	150.0	51.1	27,400	170.0	46.9	23,000	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	24,400	160.0	47.1	25,200	180.0	43.3	20,600	180.0	46.7	20,500*	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	21,700	170.0	42.7	22,400	190.0	39.3	18,700	190.0	42.5	20,000*	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	19,700	180.0	37.8	20,100	200.0	34.9	16,700	200.0	37.7	17,800*	210.0	38.3	14,900*	210.0	42.3	13,200*	220.0	41.0	7,700*	220.0	46.1	7,000*
190.0	30.6	17,600	190.0	32.3	17,900	209.9	30.0	15,200	210.0	32.3	15,800	220.0	34.1	14,600*	220.0	37.6	13,200*	230.0	37.4	7,400*	230.0	42.1	7,000
191.2	30.0	17,600	193.5	30.0	17,100				213.5	30.0	15,200	228.6	30.0	14,300*	230.0	32.2	13,200*	240.0	33.4	7,200*	240.0	37.6	6,700
															233.5	30.0	13,200*	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	47,600*	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	46,200	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	42,600	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*	160.0	60.0	9,600*	160.0	65.9	8,000*
120.0	60.4	38,700	120.0	63.2	33,000*	140.0	58.3	29,900	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	34,200	130.0	60.1	31,600*	150.0	55.4	27,300	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	30,200	140.0	56.8	29,300	160.0	52.4	24,700	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	26,700	150.0	53.3	27,400	170.0	49.2	22,200	170.0	52.8	21,400*	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	23,900	160.0	49.7	24,400	180.0	45.8	19,900	180.0	49.3	20,800*	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	21,100	170.0	45.8	21,700	190.0	42.3	18,100	190.0	45.5	19,800*	200.0	44.6	15,700*	200.0	48.9	13,500*	220.0	43.5	7,800*	220.0	48.5	7,000*
180.0	39.4	18,900	180.0	41.5	19,300	200.0	38.4	16,000	200.0	41.3	17,100*	210.0	41.2	15,200*	210.0	45.2	13,400*	230.0	40.2	7,700*	230.0	45.0	7,000*
190.0	35.0	17,000	190.0	36.8	17,200	210.0	34.1	14,500	210.0	36.8	15,400	220.0	37.5	14,800*	220.0	41.2	13,200*	240.0	36.6	7,400*	240.0	41.0	6,900*
199.8	30.0	15,200	200.0	31.3	15,400	218.5	30.0	13,200	220.0	31.3	13,700	230.0	33.4	13,500*	230.0	36.7	13,200*	250.0	32.7	7,200*	250.0	36.6	6,500
			202.0	30.0	14,900				222.1	30.0	13,400	237.5	30.0	11,600*	240.0	31.3	12,300	256.2	30.0	7,000*	260.0	31.3	6,200
															242.1	30.0	11,900				262.1	30.0	6,100
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.*

Fixed Jib Lift Capacity (with 77 US ton / 39 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	47,900*	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	46,300	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	43,300	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	38,200	120.0	64.6	33,400*	130.0	62.4	34,100*	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	33,300	130.0	61.6	31,700*	140.0	59.8	30,400	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	29,300	140.0	58.5	29,300	150.0	57.0	27,300	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	25,800	150.0	55.3	26,900	160.0	54.2	24,200	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	22,900	160.0	52.0	23,800	170.0	51.2	21,500	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	20,600	170.0	48.4	20,800	180.0	48.1	19,300	180.0	51.5	21,000*	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	18,200	180.0	44.6	18,700	190.0	44.8	17,200	190.0	48.0	18,800*	210.0	43.7	15,600*	210.0	47.7	13,400*	220.0	45.7	8,000*	220.0	50.6	7,200*
190.0	38.5	16,100	190.0	40.5	16,500	200.0	41.3	15,400	200.0	44.3	16,500	220.0	40.3	14,600*	220.0	44.1	13,300*	230.0	42.7	7,700*	230.0	47.4	7,000*
200.0	34.1	14,200	200.0	35.8	14,400	210.0	37.6	13,600	210.0	40.3	14,700	230.0	36.7	12,000	230.0	40.2	13,100*	240.0	39.4	7,500*	240.0	43.9	6,900*
208.3	30.0	12,700	210.0	30.5	12,700	220.0	33.4	12,100	220.0	35.8	12,800	240.0	32.7	10,400	240.0	35.7	11,200*	250.0	35.9	7,400*	250.0	40.1	6,500
			210.9	30.0	12,500	227.3	30.0	11,000	230.0	30.5	11,100	246.0	30.0	9,700	250.0	30.5	9,800	260.0	32.0	7,100*	260.0	35.7	6,300
									230.9	30.0	11,000				250.9	30.0	9,700	264.7	30.0	6,800*	270.0	30.5	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	48,100*	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	46,100	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	43,000	110.0	68.5	35,400*	130.0	63.6	34,700*	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	37,600	120.0	65.8	33,900*	140.0	61.1	30,100	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	33,100	130.0	63.0	31,600*	150.0	58.5	26,700	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	29,000	140.0	60.1	29,300	160.0	55.8	23,700	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	25,400	150.0	57.1	26,500	170.0	53.0	21,100	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	22,600	160.0	54.0	23,400	180.0	50.1	18,800	180.0	53.4	21,000*	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	20,000	170.0	50.7	20,600	190.0	47.1	16,800	190.0	50.3	18,100*	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	17,800	180.0	47.2	18,400	200.0	43.9	14,700	200.0	46.9	16,100	210.0	45.9	15,800*	210.0	49.9	13,600*	220.0	47.6	8,000*	220.0	52.5	7,200*
190.0	41.5	15,700	190.0	43.5	16,300	210.0	40.5	13,000	210.0	43.3	14,500	220.0	42.8	13,800*	220.0	46.6	13,400*	230.0	44.8	7,900*	230.0	49.5	7,000*
200.0	37.6	13,500	200.0	39.4	14,300	220.0	36.7	11,600	220.0	39.3	12,500	230.0	39.5	11,400	230.0	43.1	12,700*	240.0	41.8	7,700*	240.0	46.3	7,000*
210.0	33.4	12,100	210.0	35.0	12,300	230.0	32.7	10,300	230.0	34.9	10,900	240.0	36.0	10,000	240.0	39.2	10,700	250.0	38.7	7,400*	250.0	42.9	7,000*
217.1	30.0	11,000	219.4	30.0	10,800	235.8	30.0	9,400	239.5	30.0	9,700	250.0	32.0	9,100	250.0	34.9	9,400	260.0	35.2	7,300*	260.0	39.1	6,600
												254.5	30.0	8,300	259.5	30.0	8,300	270.0	31.4	7,100*	270.0	34.8	6,300
																		273.6	30.0	6,600*	279.5	30.0	5,900
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.*

STERLING CRANE

Fixed Jib Lift Capacity (with 77 US ton / 39 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	49,100	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	47,000	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	42,700	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	37,000	120.0	66.8	34,500*	130.0	64.7	34,100*	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	32,300	130.0	64.2	31,700	140.0	62.3	29,400	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	28,200	140.0	61.5	29,600	150.0	59.8	26,100	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	24,700	150.0	58.6	25,900	160.0	57.3	23,100	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	21,800	160.0	55.7	22,900	170.0	54.6	20,400	170.0	58.0	22,500*	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	19,500	170.0	52.7	20,200	180.0	51.9	18,100	180.0	55.2	20,400*	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	17,000	180.0	49.5	17,800	190.0	49.1	16,100	190.0	52.2	17,600*	200.0	50.6	16,600*	200.0	54.6	13,800*	220.0	49.4	8,200*	220.0	54.1	7,200*
190.0	44.1	15,000	190.0	46.1	15,700	200.0	46.1	14,200	200.0	49.1	15,500	210.0	47.9	14,900*	210.0	51.8	13,600*	230.0	46.7	7,900*	230.0	51.4	7,200*
200.0	40.6	13,000	200.0	42.5	13,400	210.0	43.0	12,300	210.0	45.8	13,600	220.0	45.0	12,400	220.0	48.8	13,400*	240.0	44.0	7,800*	240.0	48.5	7,000*
210.0	36.8	11,200	210.0	38.5	11,800	220.0	39.6	10,800	220.0	42.3	11,800	230.0	42.0	10,700	230.0	45.6	12,200	250.0	41.1	7,600*	250.0	45.4	7,000*
220.0	32.6	9,800	220.0	34.1	10,100	230.0	36.0	9,600	230.0	38.4	10,300	240.0	38.8	9,600	240.0	42.1	10,200	260.0	38.0	7,400*	260.0	42.0	6,900*
225.7	30.0	9,000	228.3	30.0	9,000	240.0	32.0	8,400	240.0	34.1	8,900	250.0	35.3	8,400	250.0	38.3	8,900	270.0	34.6	7,400*	270.0	38.3	6,500
						244.7	30.0	7,900	248.3	30.0	8,100	260.0	31.4	7,200	260.0	34.0	7,800	280.0	30.9	6,800*	280.0	34.0	6,300
												263.4	30.0	7,000	268.3	30.0	6,800	282.1	30.0	6,600*	288.0	30.0	5,700
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	49,200	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	46,800	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	41,900	110.0	70.3	36,400*	120.0	67.9	37,000*	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	36,300	120.0	67.8	34,700*	130.0	65.6	33,300*	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	31,600	130.0	65.3	32,000	140.0	63.3	28,900	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	27,600	140.0	62.7	28,900	150.0	61.0	25,400	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	63.9	7,800*
150.0	57.7	24,100	150.0	60.1	25,400	160.0	58.6	22,400	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	21,200	160.0	57.3	22,300	170.0	56.1	19,700	170.0	59.4	22,900*	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	18,600	170.0	54.5	19,300	180.0	53.5	17,300	180.0	56.7	19,400*	200.0	52.2	16,400*	200.0	56.2	14,000*	210.0	53.3	8,500*	210.0	58.1	7,400*
180.0	49.4	16,300	180.0	51.5	17,200	190.0	50.9	15,400	190.0	54.0	17,000	210.0	49.6	13,800	210.0	53.5	13,600*	220.0	50.9	8,300*	220.0	55.6	7,200*
190.0	46.4	14,100	190.0	48.4	14,800	200.0	48.1	13,400	200.0	51.1	15,000	220.0	47.0	11,500	220.0	50.7	13,300*	230.0	48.5	8,100*	230.0	53.1	7,200*
200.0	43.2	12,100	200.0	45.1	12,900	210.0	45.2	11,400	210.0	48.1	13,000	230.0	44.2	10,000	230.0	47.8	11,400	240.0	45.9	8,000*	240.0	50.3	7,000*
210.0	39.8	10,700	210.0	41.5	11,000	220.0	42.1	10,300	220.0	44.8	11,200	240.0	41.2	8,700	240.0	44.6	9,800	250.0	43.2	7,700*	250.0	47.5	7,000*
220.0	36.0	9,100	220.0	37.6	9,500	230.0	38.9	8,700	230.0	41.4	9,800	250.0	38.1	7,600	250.0	41.2	8,500	260.0	40.4	7,500*	260.0	44.4	7,000*
230.0	32.0	7,900	230.0	33.3	8,100	240.0	35.3	7,500	240.0	37.6	8,500	260.0	34.6	6,700	260.0	37.5	7,300	270.0	37.3	7,300*	270.0	41.1	7,000*
234.5	30.0	7,400	236.8	30.0	7,200	250.0	31.4	6,500	250.0	33.3	7,000	270.0	30.8	5,500	270.0	33.3	6,100	280.0	34.0	5,800*	280.0	37.4	6,600
						253.2	30.0	6,300	256.8	30.0	6,100	271.9	30.0	5,200	276.9	30.0	5,500	290.0	30.3	4,700*	290.0	33.3	5,300
																		290.6	30.0	4,600*	296.9	30.0	4,100
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.*

STERLING CRANE

Fixed Jib Lift Capacity (with 77 US ton / 39 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	51,900*	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	50,300	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	47,700	100.0	73.4	38,500*	120.0	68.7	37,300*	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	41,200	110.0	71.1	36,800*	130.0	66.5	32,600	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	35,600	120.0	68.7	34,900	140.0	64.3	28,200	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	30,900	130.0	66.3	32,100	150.0	62.1	24,700	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	26,900	140.0	63.9	28,100	160.0	59.8	21,800	160.0	63.1	23,800*	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	23,400	150.0	61.3	24,700	170.0	57.4	19,100	170.0	60.6	21,700*	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	20,400	160.0	58.8	21,500	180.0	55.0	16,700	180.0	58.1	18,500*	190.0	56.0	17,600*	190.0	60.0	14,300*	200.0	56.8	9,100*	200.0	61.6	7,600*
170.0	53.9	17,900	170.0	56.1	18,900	190.0	52.5	14,600	190.0	55.5	16,500	200.0	53.6	15,400*	200.0	57.5	14,000*	210.0	54.6	8,800*	210.0	59.4	7,400*
180.0	51.2	15,400	180.0	53.3	16,300	200.0	49.9	12,500	200.0	52.8	14,200	210.0	51.2	12,300	210.0	55.0	13,800*	220.0	52.4	8,400*	220.0	57.0	7,300*
190.0	48.4	13,400	190.0	50.4	13,900	210.0	47.2	10,700	210.0	50.0	12,300	220.0	48.7	10,600	220.0	52.4	12,900*	230.0	50.1	8,300*	230.0	54.6	7,200*
200.0	45.4	11,400	200.0	47.3	12,000	220.0	44.4	9,400	220.0	47.1	10,600	230.0	46.1	9,400	230.0	49.7	10,500	240.0	47.7	8,000*	240.0	52.0	7,200*
210.0	42.3	9,600	210.0	44.1	10,300	230.0	41.4	8,100	230.0	43.9	9,200	240.0	43.4	8,000	240.0	46.8	9,000	250.0	45.1	7,900*	250.0	49.4	7,000*
220.0	38.9	8,500	220.0	40.6	8,800	240.0	38.1	6,700	240.0	40.5	7,700	250.0	40.5	6,900	250.0	43.7	7,600	260.0	42.5	7,500*	260.0	46.5	7,000*
230.0	35.3	7,200	230.0	36.8	7,200	250.0	34.6	5,600	250.0	36.8	6,500	260.0	37.4	5,900	260.0	40.4	6,500	270.0	39.7	6,200*	270.0	43.5	7,000*
240.0	31.3	6,000	240.0	32.6	6,200	260.0	30.8	4,800	260.0	32.6	5,500	270.0	34.0	4,900	270.0	36.7	5,600	280.0	36.7	4,600*	280.0	40.3	6,300
243.1	30.0	5,700	245.4	30.0	5,500	261.8	30.0	4,600	265.4	30.0	4,600	280.0	30.3	4,000	280.0	32.6	4,500	290.0	33.4	4,100	290.0	36.7	4,700
												280.8	30.0	3,900	285.4	30.0	3,700	299.5	30.0	3,000	300.0	32.5	3,700
																					305.4	30.0	3,000
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)
60.4	80.0	58,200*				67.3	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	52,400*	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	50,000	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	46,700	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	40,500	110.0	71.8	37,200*	120.0	69.5	37,300*	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	35,200	120.0	69.5	35,000	130.0	67.4	32,000	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	30,500	130.0	67.3	31,800	140.0	65.3	27,800	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	26,500	140.0	64.9	28,000	150.0	63.1	24,300	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	23,000	150.0	62.5	24,100	160.0	60.9	21,200	160.0	64.1	24,300*	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	20,000	160.0	60.1	21,200	170.0	58.7	18,400	170.0	61.8	21,000*	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	17,500	170.0	57.5	18,400	180.0	56.4	16,100	180.0	59.4	18,100	190.0	57.2	17,200*	190.0	61.1	14,300*	210.0	55.9	8,800*	210.0	60.5	7,400*
180.0	52.9	14,800	180.0	54.9	15,900	190.0	54.0	14,100	190.0	57.0	15,900	200.0	55.0	14,300*	200.0	58.8	14,200*	220.0	53.7	8,700*	220.0	58.3	7,300*
190.0	50.2	12,800	190.0	52.2	13,700	200.0	51.5	12,000	200.0	54.4	13,900	210.0	52.7	11,800	210.0	56.4	13,800*	230.0	51.5	8,300*	230.0	56.0	7,200*
200.0	47.4	10,900	200.0	49.3	11,500	210.0	49.0	10,300	210.0	51.8	11,800	220.0	50.3	10,200	220.0	54.0	12,400*	240.0	49.2	8,200*	240.0	53.6	7,200*
210.0	44.6	9,200	210.0	46.4	10,100	220.0	46.3	9,000	220.0	49.0	10,100	230.0	47.9	8,900	230.0	51.4	10,000	250.0	46.9	7,900*	250.0	51.1	7,000*
220.0	41.5	8,000	220.0	43.2	8,300	230.0	43.6	7,600	230.0	46.1	8,700	240.0	45.3	7,700	240.0	48.7	8,700	260.0	44.4	7,100*	260.0	48.4	7,000*
230.0	38.2	6,700	230.0	39.8	6,900	240.0	40.6	6,300	240.0	43.0	7,400	250.0	42.6	6,500	250.0	45.9	7,600	270.0	41.8	5,700*	270.0	45.7	6,900*
240.0	34.6	5,500	240.0	36.0	5,400	250.0	37.4	5,200	250.0	39.7	6,000	260.0	39.8	5,500	260.0	42.8	6,200	280.0	39.0	4,100	280.0	42.7	5,800
250.0	30.7	4,100	250.0	31.9	4,300	260.0	34.0	4,300	260.0	36.0	5,000	270.0	36.7	4,500	270.0	39.6	5,100	290.0	36.1	3,300	290.0	39.5	4,000
251.6	30.0	3,900	254.2	30.0	4,100	270.0	30.2	3,100	270.0	31.9	3,800	280.0	33.4	3,600	280.0	36.0	4,100	295.2	34.4	2,800	300.0	35.9	3,200
						270.6	30.0	3,000	274.2	30.0	3,500	289.3	30.0	2,800	290.0	31.9	3,100				301.8	35.2	3,000
															294.2	30.0	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.*

Fixed Jib Lift Capacity (with 77 US ton / 39 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	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	76.4	54,600*	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	53,800*	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	52,300*	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	48,900	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	44,900	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	39,100	110.0	72.5	37,700*	120.0	70.2	37,100*	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	34,500	120.0	70.3	34,800	130.0	68.2	31,200	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	29,800	130.0	68.1	31,600	140.0	66.1	27,300	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	26,000	140.0	65.9	27,400	150.0	64.1	23,600	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	22,500	150.0	63.6	23,700	160.0	62.0	20,700	160.0	65.1	23,800*	180.0	60.4	18,400*	180.0	64.3	14,700*	190.0	60.9	9,700*	190.0	65.6	7,700*
160.0	59.1	19,500	160.0	61.2	20,700	170.0	59.8	18,000	170.0	62.8	20,200*	190.0	58.4	16,300*	190.0	62.2	14,500*	200.0	59.0	9,300*	200.0	63.6	7,700*
170.0	56.8	16,600	170.0	58.8	17,800	180.0	57.6	15,600	180.0	60.6	17,800	200.0	56.2	13,100	200.0	60.0	14,200*	210.0	57.0	9,000*	210.0	61.5	7,400*
180.0	54.4	14,100	180.0	56.4	15,300	190.0	55.4	13,500	190.0	58.3	15,200	210.0	54.1	11,200	210.0	57.7	14,100*	220.0	55.0	8,700*	220.0	59.4	7,300*
190.0	51.9	12,100	190.0	53.8	13,000	200.0	53.0	11,400	200.0	55.9	13,200	220.0	51.8	9,600	220.0	55.4	11,500	230.0	52.9	8,500*	230.0	57.2	7,200*
200.0	49.3	10,400	200.0	51.1	11,100	210.0	50.6	9,600	210.0	53.4	11,400	230.0	49.5	8,300	230.0	53.0	9,600	240.0	50.7	8,200*	240.0	54.9	7,200*
210.0	46.6	8,800	210.0	48.4	9,400	220.0	48.1	8,300	220.0	50.8	9,700	240.0	47.1	7,100	240.0	50.5	8,200	250.0	48.5	7,800*	250.0	52.6	7,200*
220.0	43.7	7,300	220.0	45.4	7,700	230.0	45.5	6,700	230.0	48.1	8,300	250.0	44.6	5,800	250.0	47.8	6,700	260.0	46.1	6,100*	260.0	50.1	7,000*
230.0	40.7	5,900	230.0	42.3	6,300	240.0	42.8	5,600	240.0	45.2	6,800	260.0	41.9	4,800	260.0	45.0	5,600	270.0	43.7	4,700	270.0	47.6	6,800*
240.0	37.5	4,700	240.0	39.0	5,100	250.0	39.9	4,700	250.0	42.2	5,600	270.0	39.1	3,800	270.0	42.0	4,700	280.0	41.1	3,800	280.0	44.8	5,000*
250.0	34.0	3,600	250.0	35.3	3,900	260.0	36.8	3,700	260.0	38.9	4,500	280.0	36.1	3,000	280.0	38.8	3,500	288.7	38.8	3,000	290.0	41.9	3,800
260.0	30.2	2,600	260.0	31.2	3,000	269.0	33.8	2,600	270.0	35.3	3,400	282.1	35.4	2,800	288.7	35.8	2,800				300.0	38.7	2,900
260.4	30.0	2,600	262.7	30.0	2,600				275.5	33.1	2,800										301.8	38.1	2,800
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
*Capacities based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.*