

STERLING CRANE

Jib Rated Loads in Pounds

15 Counterweights + 2 Low Weights

110' Boom									110' Boom								
Load Radius (ft.)	40 ft Jib				60 ft Jib				Load Radius (ft.)	80 ft Jib				100 ft Jib			
	10°		30°		10°		30°			10°		30°		10°		30°	
	Boom Angle (deg.)	Rated Load (lbs.)	Boom Angle (deg.)	Rated Load (lbs.)	Boom Angle (deg.)	Rated Load (lbs.)	Boom Angle (deg.)	Rated Load (lbs.)		Boom Angle (deg.)	Rated Load (lbs.)	Boom Angle (deg.)	Rated Load (lbs.)	Boom Angle (deg.)	Rated Load (lbs.)	Boom Angle (deg.)	Rated Load (lbs.)
38	79.4	58,200 *							55	78.6	26,100 *						
40	78.6	57,600 *							60	77.0	25,300 *						
45	76.7	55,700 *							65	75.5	24,500 *						
50	74.7	53,900 *							70	73.9	23,800 *						
55	72.7	52,300 *							75	72.3	23,100 *						
60	70.7	50,800 *							80	70.7	22,400 *						
65	68.6	49,400 *							85	69.1	21,800 *						
70	66.6	48,000 *							90	67.4	21,100 *						
75	64.4	46,600 *							95	65.7	20,500 *						
80	62.3	45,300 *							100	64.0	20,000 *						
85	60.0	44,100 *							105	62.2	19,400 *						
90	57.8	43,100 *							110	60.5	18,900 *						
95	55.4	42,000 *							115	58.6	18,500 *						
100	53.0	40,800 *							120	56.8	18,000 *						
105	50.5	39,600 *							125	54.9	17,600 *						
110	47.9	38,500 *							130	52.9	17,200 *						
115	45.2	37,300 *							135	50.9	16,800 *						
120	42.3	36,000 *							140	48.8	16,400 *						
125	39.2	34,700 *							145	46.6	16,100 *						
130	35.9	33,500 *							150	44.3	15,800 *						
135	32.3	32,600 *							155	41.9	15,500 *						
140									160	39.4	15,200 *						
145									165	36.7	14,900 *						
150									170	33.8	14,700 *						
155									175	30.6	14,500 *						
160									180								
									185								
									190								
									195								
									200								

120' Boom									120' Boom								
Load Radius (ft.)	40 ft Jib				60 ft Jib				Load Radius (ft.)	80 ft Jib				100 ft Jib			
	10°		30°		10°		30°			10°		30°		10°		30°	
	Boom Angle (deg.)	Rated Load (lbs.)	Boom Angle (deg.)	Rated Load (lbs.)	Boom Angle (deg.)	Rated Load (lbs.)	Boom Angle (deg.)	Rated Load (lbs.)		Boom Angle (deg.)	Rated Load (lbs.)	Boom Angle (deg.)	Rated Load (lbs.)	Boom Angle (deg.)	Rated Load (lbs.)	Boom Angle (deg.)	Rated Load (lbs.)
40	79.3	58,300 *							55	79.2	26,400 *						
45	77.5	56,500 *							60	77.7	25,600 *						
50	75.7	54,700 *							65	76.2	24,800 *						
55	73.8	53,100 *							70	74.7	24,100 *						
60	71.9	51,700 *							75	73.2	23,400 *						
65	70.0	50,300 *							80	71.7	22,800 *						
70	68.1	48,800 *							85	70.2	22,200 *						
75	66.1	47,600 *							90	68.6	21,600 *						
80	64.2	46,400 *							95	67.0	21,000 *						
85	62.1	45,200 *							100	65.4	20,400 *						
90	60.0	44,000 *							105	63.8	19,900 *						
95	57.9	42,900 *							110	62.1	19,400 *						
100	55.7	41,700 *							115	60.4	18,900 *						
105	53.5	40,500 *							120	58.7	18,400 *						
110	51.2	39,500 *							125	57.0	18,000 *						
115	48.7	38,400 *							130	55.1	17,600 *						
120	46.2	37,200 *							135	53.3	17,200 *						
125	43.6	36,000 *							140	51.4	16,900 *						
130	40.8	35,000 *							145	49.4	16,500 *						
135	37.9	34,100 *							150	47.4	16,200 *						
140	34.7	33,100 *							155	45.3	15,900 *						
145	31.2	32,200 *							160	43.0	15,600 *						
150									165	40.7	15,300 *						
155									170	38.3	15,100 *						
160									175	35.6	14,800 *						
165									180	32.8	14,600 *						
									185								
									190								
									195								
									200								
									205								

STERLING CRANE

Jib Rated Loads in Pounds

15 Counterweights + 2 Low Weights

150' Boom				60 ft Jib				150' Boom				100 ft Jib					
Load Radius (ft.)	40 ft Jib				60 ft Jib				Load Radius (ft.)	80 ft Jib				100 ft Jib			
	10°		30°		10°		30°			10°		30°		10°		30°	
	Boom Angle (deg.)	Rated Load (lbs.)	Boom Angle (deg.)	Rated Load (lbs.)	Boom Angle (deg.)	Rated Load (lbs.)	Boom Angle (deg.)	Rated Load (lbs.)		Boom Angle (deg.)	Rated Load (lbs.)	Boom Angle (deg.)	Rated Load (lbs.)	Boom Angle (deg.)	Rated Load (lbs.)	Boom Angle (deg.)	Rated Load (lbs.)
45	79.5	58,200 *							60	79.3	26,400 *						
50	78.0	56,800 *							65	78.1	25,700 *						
55	76.4	55,300 *			79.0	45,600 *			70	76.8	25,000 *			78.0	14,300 *		
60	74.9	53,900 *	78.5	41,900 *	77.6	44,300 *			75	75.5	24,400 *			76.8	13,900 *		
65	73.3	52,600 *	76.9	41,200 *	76.2	43,000 *			80	74.2	23,800 *			75.7	13,500 *		
70	71.7	51,200 *	75.2	40,400 *	74.8	41,800 *	79.7	29,500 *	85	72.9	23,200 *	78.9	17,700 *	74.5	13,000 *		
75	70.1	49,900 *	73.6	39,300 *	73.3	40,700 *	78.2	29,500 *	90	71.6	22,700 *	77.6	17,300 *	73.3	12,700 *		
80	68.5	48,600 *	71.9	38,100 *	71.9	39,700 *	76.7	29,500 *	95	70.2	22,100 *	76.2	17,000 *	72.1	12,300 *		
85	66.9	47,400 *	70.2	36,900 *	70.4	38,700 *	75.2	29,000 *	100	68.9	21,600 *	74.8	16,700 *	70.8	12,000 *	77.9	9,400 *
90	65.2	46,100 *	68.5	35,900 *	69.0	37,700 *	73.7	28,600 *	105	67.5	21,100 *	73.4	16,400 *	69.6	11,700 *	76.6	9,200 *
95	63.5	44,800 *	66.8	35,000 *	67.5	36,900 *	72.2	27,900 *	110	66.1	20,600 *	71.9	16,100 *	68.3	11,400 *	75.3	9,000 *
100	61.8	43,700 *	65.0	34,100 *	66.0	36,000 *	70.6	27,200 *	115	64.7	20,100 *	70.5	15,900 *	67.1	11,100 *	74.0	8,900 *
105	60.0	42,500 *	63.2	33,200 *	64.4	35,200 *	69.0	26,500 *	120	63.3	19,700 *	69.0	15,600 *	65.8	10,800 *	72.7	8,700 *
110	58.2	41,300 *	61.4	32,500 *	62.9	34,500 *	67.4	25,800 *	125	61.8	19,200 *	67.5	15,400 *	64.5	10,500 *	71.3	8,500 *
115	56.4	40,000	59.5	31,800 *	61.3	33,300 *	65.7	25,100 *	130	60.4	18,800 *	66.0	15,100 *	63.2	10,300 *	70.0	8,400 *
120	54.5	38,700	57.6	31,100 *	59.7	32,000 *	64.1	24,500 *	135	58.9	18,400 *	64.4	14,900 *	61.9	10,000 *	68.6	8,300 *
125	52.6	37,600	55.6	30,500 *	58.0	30,900 *	62.4	23,900 *	140	57.4	18,100 *	62.8	14,700 *	60.5	9,800 *	67.2	8,200 *
130	50.7	36,200	53.6	29,900 *	56.3	29,800 *	60.6	23,400 *	145	55.8	17,700 *	61.2	14,500 *	59.2	9,600 *	65.8	8,100 *
135	48.6	34,900	51.5	29,400 *	54.6	28,800 *	58.8	22,900 *	150	54.2	17,400 *	59.6	14,400 *	57.8	9,400 *	64.3	7,900 *
140	46.5	33,500	49.3	29,000 *	52.9	27,800 *	57.0	22,400 *	155	52.6	17,000 *	57.9	14,200 *	56.4	9,200 *	62.9	7,800 *
145	44.3	31,900	47.1	28,500 *	51.1	27,000 *	55.1	22,000 *	160	51.0	16,700 *	56.1	14,000 *	54.9	9,000 *	61.4	7,700 *
150	42.1	30,200	44.7	28,200 *	49.2	26,200 *	53.1	21,600 *	165	49.2	16,400 *	54.3	13,900 *	53.5	8,800 *	59.8	7,600 *
155	39.7	28,700	42.2	27,900 *	47.3	25,400 *	51.1	21,300 *	170	47.5	16,200 *	52.4	13,800 *	52.0	8,700 *	58.3	7,500 *
160	37.2	27,300	39.5	27,300	45.3	24,700 *	49.0	20,900 *	175	45.7	15,900 *	50.5	13,600 *	50.4	8,500 *	56.6	7,400 *
165	34.5	26,000	36.7	26,400	43.2	24,000 *	46.8	20,600 *	180	43.8	15,600 *	48.5	13,500 *	48.8	8,400 *	55.0	7,400 *
170	31.6	24,800	33.6	25,000	41.1	23,400 *	44.5	20,300 *	185	41.8	15,400 *	46.4	13,400 *	47.2	8,300 *	53.3	7,300 *
175			30.1	23,800	38.8	22,900 *	42.1	20,100 *	190	39.8	15,200 *	44.2	13,400 *	45.5	8,100 *	51.5	7,200 *
180					36.4	22,300 *	39.5	19,900 *	195	37.6	15,000 *	41.8	13,300 *	43.8	7,900 *	49.6	7,200 *
185					33.8	21,800	36.7	19,700 *	200	35.3	14,800 *	39.3	13,300 *	42.0	7,800 *	47.7	7,200 *
190					31.1	21,400	33.6	19,600 *	205	32.9	14,600 *	36.6	13,300 *	40.1	7,600 *	45.7	7,200 *
195							30.1	19,600 *	210	30.3	14,400 *	33.6	13,300 *	38.2	7,500 *	43.6	7,000 *
									215			30.1	13,300 *	36.1	7,400 *	41.3	6,800 *
									220					34.0	7,300 *	38.9	6,700 *
									225					31.6	7,100 *	36.3	6,500
									230					31.6	6,700 *	36.3	6,300
									235						36.0	6,200	

STERLING CRANE

Jib Rated Loads in Pounds

15 Counterweights + 2 Low Weights

160' Boom				60 ft Jib				160' Boom				100 ft Jib					
Load Radius (ft.)	40 ft Jib		60 ft Jib		60 ft Jib		60 ft Jib		Load Radius (ft.)	80 ft Jib		80 ft Jib		100 ft Jib		100 ft Jib	
	10°		30°		10°		30°			10°		30°		10°		30°	
	Boom Angle (deg.)	Rated Load (lbs.)	Boom Angle (deg.)	Rated Load (lbs.)	Boom Angle (deg.)	Rated Load (lbs.)	Boom Angle (deg.)	Rated Load (lbs.)		Boom Angle (deg.)	Rated Load (lbs.)	Boom Angle (deg.)	Rated Load (lbs.)	Boom Angle (deg.)	Rated Load (lbs.)	Boom Angle (deg.)	Rated Load (lbs.)
50	78.6	57,300 *							65	78.6	26,000 *						
55	77.1	55,900 *			79.5	46,100 *			70	77.3	25,300 *			78.5	14,500 *		
60	75.7	54,500 *	79.1	42,100 *	78.2	44,800 *			75	76.1	24,700 *			77.4	14,100 *		
65	74.2	53,300 *	77.6	41,400 *	76.8	43,600 *			80	74.9	24,100 *			76.2	13,700 *		
70	72.7	51,800 *	76.0	40,800 *	75.5	42,400 *			85	73.6	23,500 *	79.4	17,800 *	75.1	13,200 *		
75	71.2	50,300 *	74.5	39,900 *	74.1	41,300 *	78.8	29,500 *	90	72.4	23,000 *	78.1	17,400 *	73.9	12,900 *		
80	69.6	49,000 *	72.9	38,700 *	72.8	40,300 *	77.4	29,500 *	95	71.1	22,500 *	76.8	17,100 *	72.8	12,500 *		
85	68.1	47,700 *	71.3	37,600 *	71.4	39,300 *	76.0	29,200 *	100	69.8	22,000 *	75.5	16,800 *	71.6	12,200 *	78.4	9,300 *
90	66.5	46,500 *	69.7	36,600 *	70.0	38,400 *	74.5	28,800 *	105	68.5	21,400 *	74.1	16,500 *	70.4	11,900 *	77.2	9,200 *
95	64.9	45,400 *	68.1	35,600 *	68.6	37,500 *	73.1	28,300 *	110	67.2	21,000 *	72.8	16,300 *	69.2	11,500 *	75.9	9,100 *
100	63.3	44,400 *	66.5	34,700 *	67.1	36,600 *	71.6	27,700 *	115	65.9	20,500 *	71.4	16,000 *	68.0	11,200 *	74.7	8,900 *
105	61.7	43,400 *	64.8	33,900 *	65.7	35,900 *	70.1	26,900 *	120	64.5	20,000 *	70.0	15,800 *	66.8	10,900 *	73.4	8,700 *
110	60.0	42,400 *	63.1	33,100 *	64.2	35,100 *	68.6	26,200 *	125	63.2	19,600 *	68.6	15,500 *	65.6	10,700 *	72.2	8,600 *
115	58.3	41,400 *	61.3	32,400 *	62.7	34,300 *	67.0	25,600 *	130	61.8	19,200 *	67.2	15,300 *	64.3	10,400 *	70.9	8,500 *
120	56.6	40,300 *	59.6	31,700 *	61.2	33,200 *	65.5	25,000 *	135	60.4	18,800 *	65.7	15,100 *	63.1	10,200 *	69.6	8,400 *
125	54.8	39,100 *	57.7	31,100 *	59.7	32,000 *	63.9	24,400 *	140	58.9	18,400 *	64.2	14,900 *	61.8	10,000 *	68.3	8,300 *
130	53.0	37,200 *	55.9	30,500 *	58.1	30,900 *	62.2	23,900 *	145	57.5	18,100 *	62.7	14,700 *	60.5	9,800 *	66.9	8,100 *
135	51.2	35,200 *	54.0	30,000 *	56.5	29,900 *	60.6	23,400 *	150	56.0	17,700 *	61.2	14,500 *	59.2	9,600 *	65.6	8,000 *
140	49.3	33,300 *	52.0	29,500 *	54.9	28,900 *	58.9	22,900 *	155	54.5	17,400 *	59.6	14,300 *	57.9	9,400 *	64.2	7,900 *
145	47.3	31,500 *	50.0	29,100 *	53.2	28,000 *	57.1	22,400 *	160	53.0	17,100 *	58.0	14,200 *	56.5	9,200 *	62.8	7,800 *
150	45.2	29,800 *	47.9	28,600 *	51.5	27,100 *	55.4	22,000 *	165	51.4	16,800 *	56.3	14,000 *	55.1	9,000 *	61.3	7,700 *
155	43.1	28,300 *	45.7	28,300 *	49.7	26,400 *	53.5	21,700 *	170	49.8	16,500 *	54.6	13,900 *	53.7	8,800 *	59.8	7,600 *
160	40.9	26,800 *	43.4	27,400 *	47.9	25,600 *	51.6	21,300 *	175	48.1	16,200 *	52.8	13,800 *	52.3	8,600 *	58.3	7,500 *
165	38.6	25,500 *	40.9	26,000 *	46.1	24,900 *	49.7	21,000 *	180	46.4	16,000 *	51.0	13,700 *	50.8	8,500 *	56.8	7,400 *
170	36.1	24,300 *	38.3	24,800 *	44.1	24,300 *	47.6	20,700 *	185	44.6	15,700 *	49.1	13,600 *	49.3	8,300 *	55.2	7,400 *
175	33.5	23,200 *	35.6	23,500 *	42.1	23,700 *	45.5	20,400 *	190	42.8	15,500 *	47.2	13,500 *	47.8	8,200 *	53.6	7,300 *
180	30.7	22,100 *	32.5	22,300 *	40.0	22,800 *	43.2	20,200 *	195	40.8	15,300 *	45.1	13,400 *	46.2	8,100 *	51.9	7,200 *
185					37.8	21,800 *	40.9	20,000 *	200	38.8	15,100 *	42.9	13,300 *	44.6	8,000 *	50.2	7,200 *
190					35.4	20,900 *	38.3	19,800 *	205	36.7	14,900 *	40.6	13,300 *	42.9	7,900 *	48.4	7,200 *
195					32.9	19,900 *	35.6	19,700 *	210	34.5	14,700 *	38.2	13,300 *	41.1	7,800 *	46.5	7,100 *
200					30.2	19,100 *	32.6	19,300 *	215	32.1	14,500 *	35.5	13,300 *	39.3	7,700 *	44.5	7,000 *
									220			32.5	13,300 *	37.4	7,600 *	42.4	6,900 *
									225					35.4	7,500 *	40.2	6,700 *
									230					33.2	7,400 *	37.8	6,600 *
									235					30.9	7,100 *	35.3	6,400 *
									240							32.0	6,200 *

STERLING CRANE

Jib Rated Loads in Pounds

15 Counterweights + 2 Low Weights

170' Boom				60 ft Jib				170' Boom				100 ft Jib					
Load Radius (ft.)	40 ft Jib		30°		10°		30°		Load Radius (ft.)	80 ft Jib		30°		10°		30°	
	10°		Boom Angle (deg.)	Rated Load (lbs.)	Boom Angle (deg.)	Rated Load (lbs.)	Boom Angle (deg.)	Rated Load (lbs.)		10°		Boom Angle (deg.)	Rated Load (lbs.)	Boom Angle (deg.)	Rated Load (lbs.)	Boom Angle (deg.)	Rated Load (lbs.)
	Boom Angle (deg.)	Rated Load (lbs.)								Boom Angle (deg.)	Rated Load (lbs.)						
50	79.1	57,900 *							65	79.0	26,200 *						
55	77.7	56,500 *			79.9	45,300 *			70	77.9	25,600 *			78.9	14,700 *		
60	76.3	55,100 *			78.7	44,100 *			75	76.7	25,000 *			77.8	14,200 *		
65	74.9	53,900 *	78.2	41,700 *	77.4	42,900 *			80	75.5	24,400 *			76.8	13,800 *		
70	73.5	52,400 *	76.7	41,100 *	76.1	41,800 *			85	74.3	23,800 *			75.7	13,400 *		
75	72.1	51,100 *	75.3	40,300 *	74.8	40,800 *	79.3	29,500 *	90	73.1	23,300 *	78.6	17,600 *	74.5	13,100 *		
80	70.6	49,900 *	73.8	39,300 *	73.5	39,800 *	78.0	29,500 *	95	71.9	22,800 *	77.4	17,200 *	73.4	12,700 *		
85	69.2	48,700 *	72.3	38,200 *	72.2	38,900 *	76.6	29,400 *	100	70.7	22,300 *	76.1	17,000 *	72.3	12,400 *	78.8	9,200 *
90	67.7	47,700 *	70.8	37,200 *	70.9	38,100 *	75.3	29,000 *	105	69.4	21,800 *	74.8	16,700 *	71.2	12,100 *	77.7	9,200 *
95	66.2	46,700 *	69.3	36,200 *	69.6	37,200 *	73.9	28,600 *	110	68.2	21,300 *	73.6	16,400 *	70.0	11,700 *	76.5	9,200 *
100	64.7	45,700 *	67.7	35,300 *	68.2	36,400 *	72.5	28,100 *	115	66.9	20,800 *	72.2	16,100 *	68.9	11,400 *	75.3	9,100 *
105	63.2	44,700 *	66.1	34,500 *	66.8	35,700 *	71.1	27,400 *	120	65.6	20,400 *	70.9	15,900 *	67.7	11,100 *	74.1	8,900 *
110	61.6	43,700 *	64.5	33,700 *	65.4	35,000 *	69.6	26,700 *	125	64.3	20,000 *	69.6	15,700 *	66.6	10,900 *	72.9	8,800 *
115	60.0	42,800 *	62.9	33,000 *	64.0	34,200 *	68.2	26,000 *	130	63.0	19,500 *	68.2	15,400 *	65.4	10,600 *	71.7	8,600 *
120	58.4	41,300 *	61.3	32,300 *	62.6	33,100 *	66.7	25,400 *	135	61.7	19,200 *	66.8	15,200 *	64.2	10,400 *	70.5	8,400 *
125	56.8	38,800 *	59.6	31,700 *	61.2	32,000 *	65.2	24,800 *	140	60.4	18,800 *	65.4	15,000 *	63.0	10,200 *	69.2	8,300 *
130	55.1	36,600 *	57.9	31,100 *	59.7	30,900 *	63.7	24,300 *	145	59.0	18,400 *	64.0	14,800 *	61.7	10,000 *	67.9	8,200 *
135	53.4	34,500 *	56.1	30,500 *	58.2	29,900 *	62.1	23,800 *	150	57.6	18,100 *	62.6	14,700 *	60.5	9,800 *	66.6	8,100 *
140	51.6	32,600 *	54.3	30,000 *	56.7	29,000 *	60.6	23,300 *	155	56.2	17,800 *	61.1	14,500 *	59.2	9,600 *	65.3	8,000 *
145	49.8	30,800 *	52.4	29,600 *	55.1	28,100 *	58.9	22,900 *	160	54.7	17,400 *	59.6	14,300 *	58.0	9,400 *	64.0	7,900 *
150	47.9	29,200 *	50.5	29,100 *	53.5	27,300 *	57.3	22,400 *	165	53.3	17,100 *	58.1	14,200 *	56.7	9,200 *	62.6	7,800 *
155	46.0	27,700 *	48.5	28,100 *	51.9	26,500 *	55.6	22,100 *	170	51.8	16,800 *	56.5	14,000 *	55.3	9,000 *	61.3	7,700 *
160	44.0	26,200 *	46.5	26,800 *	50.2	25,700 *	53.9	21,700 *	175	50.2	16,600 *	54.9	13,900 *	54.0	8,800 *	59.8	7,500 *
165	42.0	24,900 *	44.3	25,500 *	48.5	24,600 *	52.1	21,400 *	180	48.6	16,300 *	53.2	13,800 *	52.6	8,700 *	58.4	7,400 *
170	39.8	23,700 *	42.1	24,100 *	46.7	23,400 *	50.2	21,000 *	185	47.0	16,100 *	51.5	13,700 *	51.2	8,500 *	56.9	7,400 *
175	37.6	22,500 *	39.7	22,900 *	44.9	22,300 *	48.3	20,800 *	190	45.3	15,800 *	49.7	13,600 *	49.8	8,400 *	55.4	7,400 *
180	35.2	21,400 *	37.2	21,800 *	43.0	21,300 *	46.3	20,500 *	195	43.6	15,600 *	47.9	13,500 *	48.3	8,300 *	53.9	7,300 *
185	32.6	20,400 *	34.5	20,600 *	41.0	20,300 *	44.2	20,300 *	200	41.8	15,400 *	45.9	13,400 *	46.8	8,200 *	52.3	7,200 *
190			31.6	19,600 *	39.0	19,300 *	42.0	20,000 *	205	39.9	15,200 *	43.9	13,300 *	45.2	8,100 *	50.6	7,200 *
195					36.8	18,400 *	39.7	19,900 *	210	38.0	15,000 *	41.8	13,200 *	43.6	7,900 *	48.9	7,200 *
200					34.5	17,600 *	37.2	19,200 *	215	35.9	14,800 *	39.5	13,200 *	42.0	7,700 *	47.2	7,100 *
205							34.6	18,200 *	220	33.7	14,600 *	37.1	13,200 *	40.2	7,700 *	45.3	7,000 *
210							31.6	17,400 *	225	31.4	14,500 *	34.5	13,200 *	38.5	7,600 *	43.4	7,000 *
									230			31.6	13,200 *	36.6	7,400 *	41.3	7,000 *
									235					34.6	7,400 *	39.2	6,800 *
									240					32.5	7,200 *	36.8	6,700 *
									245					30.3	6,800 *	34.3	6,400 *
									250							32.0	6,100 *

STERLING CRANE

Jib Rated Loads in Pounds

15 Counterweights + 2 Low Weights

180' Boom								180' Boom									
Load Radius (ft.)	40 ft Jib				60 ft Jib				Load Radius (ft.)	80 ft Jib				100 ft Jib			
	10°		30°		10°		30°			10°		30°		10°		30°	
	Boom Angle (deg.)	Rated Load (lbs.)	Boom Angle (deg.)	Rated Load (lbs.)	Boom Angle (deg.)	Rated Load (lbs.)	Boom Angle (deg.)	Rated Load (lbs.)		Boom Angle (deg.)	Rated Load (lbs.)	Boom Angle (deg.)	Rated Load (lbs.)	Boom Angle (deg.)	Rated Load (lbs.)	Boom Angle (deg.)	Rated Load (lbs.)
50	79.6	58,200 *							65	79.5	26,400 *						
55	78.3	57,000 *							70	78.3	25,800 *						
60	77.0	55,700 *			79.2	45,700 *			75	77.2	25,200 *			78.3	14,400 *		
65	75.6	54,400 *	78.7	41,900 *	77.9	44,500 *			80	76.1	24,600 *			77.2	14,000 *		
70	74.3	53,200 *	77.4	41,300 *	76.7	43,400 *			85	74.9	24,100 *			76.2	13,600 *		
75	72.9	52,000 *	76.0	40,700 *	75.5	42,300 *	79.8	29,500 *	90	73.8	23,600 *	79.1	17,700 *	75.1	13,300 *		
80	71.6	50,800 *	74.6	39,900 *	74.2	41,300 *	78.5	29,500 *	95	72.6	23,100 *	77.9	17,400 *	74.1	13,000 *		
85	70.2	49,600 *	73.2	38,800 *	73.0	40,400 *	77.2	29,300 *	100	71.4	22,600 *	76.7	17,100 *	73.0	12,600 *		
90	68.8	48,600 *	71.7	37,800 *	71.7	39,500 *	75.9	29,100 *	105	70.3	22,100 *	75.5	16,800 *	71.9	12,300 *	78.2	9,400 *
95	67.4	47,600 *	70.3	36,800 *	70.5	38,600 *	74.6	28,800 *	110	69.1	21,600 *	74.3	16,500 *	70.8	12,000 *	77.0	9,300 *
100	65.9	46,600 *	68.8	35,900 *	69.2	37,800 *	73.3	28,300 *	115	67.9	21,200 *	73.0	16,300 *	69.7	11,600 *	75.9	9,100 *
105	64.5	45,600	67.3	35,100 *	67.9	37,000 *	71.9	27,800 *	120	66.6	20,700 *	71.8	16,000 *	68.6	11,400 *	74.8	8,900 *
110	63.0	44,600	65.8	34,300 *	66.6	36,300 *	70.6	27,100 *	125	65.4	20,300 *	70.5	15,800 *	67.5	11,100 *	73.6	8,800 *
115	61.5	42,900	64.3	33,600 *	65.2	35,600 *	69.2	26,500 *	130	64.2	19,900 *	69.2	15,600 *	66.3	10,800 *	72.4	8,600 *
120	60.0	40,700	62.8	32,900 *	63.9	34,900 *	67.8	25,800 *	135	62.9	19,500 *	67.9	15,400 *	65.2	10,600 *	71.3	8,500 *
125	58.5	38,200	61.2	32,200 *	62.5	34,200 *	66.4	25,300 *	140	61.6	19,100 *	66.6	15,200 *	64.0	10,400 *	70.1	8,400 *
130	56.9	36,000	59.6	31,600 *	61.1	33,000 *	65.0	24,700 *	145	60.3	18,800 *	65.2	15,000 *	62.9	10,200 *	68.8	8,300 *
135	55.3	33,900	58.0	31,100 *	59.7	32,000 *	63.5	24,200 *	150	59.0	18,400 *	63.9	14,800 *	61.7	10,000 *	67.6	8,200 *
140	53.7	32,000	56.3	30,600 *	58.3	30,900 *	62.0	23,700 *	155	57.7	18,100 *	62.5	14,600 *	60.5	9,800 *	66.4	8,100 *
145	52.0	30,200	54.6	30,000	56.8	30,000	60.5	23,300 *	160	56.3	17,800 *	61.1	14,500 *	59.3	9,600 *	65.1	8,000 *
150	50.3	28,600	52.8	29,200	55.3	29,100	59.0	22,900 *	165	55.0	17,500 *	59.6	14,300 *	58.0	9,400 *	63.8	7,900 *
155	48.5	27,100	51.0	27,700	53.8	27,800	57.4	22,500 *	170	53.5	17,200 *	58.1	14,200 *	56.8	9,200 *	62.5	7,800 *
160	46.7	25,600	49.2	26,200	52.3	26,500	55.8	22,100 *	175	52.1	16,900 *	56.6	14,000 *	55.5	9,100 *	61.2	7,700 *
165	44.9	24,300	47.2	24,800	50.7	25,300	54.2	21,700 *	180	50.6	16,600 *	55.1	13,900 *	54.2	8,900 *	59.9	7,600 *
170	42.9	23,000	45.2	23,500	49.0	23,900	52.5	21,400 *	185	49.1	16,400 *	53.5	13,800 *	52.9	8,700 *	58.5	7,500 *
175	40.9	21,900	43.1	22,300	47.4	22,700	50.7	21,100 *	190	47.6	16,100 *	51.9	13,700 *	51.5	8,600 *	57.1	7,400 *
180	38.8	20,800	41.0	21,100	45.6	21,600	48.9	20,800 *	195	46.0	15,900 *	50.2	13,600 *	50.2	8,400 *	55.6	7,300 *
185	36.6	19,700	38.6	20,000	43.8	20,600	47.0	20,600 *	200	44.3	15,700 *	48.5	13,500 *	48.8	8,300 *	54.1	7,200 *
190	34.3	18,800	36.2	19,000	42.0	19,600	45.1	20,300 *	205	42.7	15,500 *	46.7	13,400 *	47.3	8,200 *	52.6	7,200 *
195	31.8	17,900	33.6	18,100	40.1	18,600	43.1	19,500 *	210	40.9	15,300 *	44.8	13,300 *	45.8	8,100 *	51.1	7,200 *
200			30.7	17,100	38.1	17,700	40.9	18,600 *	215	39.1	15,100 *	42.8	13,300 *	44.3	7,900 *	49.5	7,100 *
205					36.0	16,900	38.6	17,800 *	220	37.1	14,900 *	40.7	13,300 *	42.7	7,800 *	47.8	7,000 *
210					33.7	16,300	36.2	16,900 *	225	35.1	14,600 *	38.5	13,200 *	41.1	7,700 *	46.0	7,000 *
215					31.3	15,400	33.6	16,100 *	230	33.0	14,200 *	36.1	13,200 *	39.4	7,700 *	44.2	7,000 *
220							30.7	15,200 *	235	30.7	13,700 *	33.6	13,200 *	37.7	7,500 *	42.3	7,000 *
									240			30.7	13,200 *	35.8	7,400 *	40.3	6,900 *
									245					33.9	7,400 *	38.2	6,700 *
									250					31.9	7,200 *	35.9	6,500
									255							33.4	6,400
									260							31.0	6,200

STERLING CRANE

Jib Rated Loads in Pounds

15 Counterweights + 2 Low Weights

190' Boom				60 ft Jib				190' Boom				100 ft Jib					
Load Radius (ft.)	40 ft Jib				60 ft Jib				Load Radius (ft.)	80 ft Jib				100 ft Jib			
	10°		30°		10°		30°			10°		30°		10°		30°	
	Boom Angle (deg.)	Rated Load (lbs.)	Boom Angle (deg.)	Rated Load (lbs.)	Boom Angle (deg.)	Rated Load (lbs.)	Boom Angle (deg.)	Rated Load (lbs.)		Boom Angle (deg.)	Rated Load (lbs.)	Boom Angle (deg.)	Rated Load (lbs.)	Boom Angle (deg.)	Rated Load (lbs.)	Boom Angle (deg.)	Rated Load (lbs.)
55	78.8	57,500 *							70	78.8	26,000 *						
60	77.6	56,200 *			79.6	46,200 *			75	77.7	25,400 *			78.7	14,500 *		
65	76.3	55,000 *	79.3	42,100 *	78.4	45,000 *			80	76.6	24,900 *			77.7	14,100 *		
70	75.0	53,700 *	77.9	41,500 *	77.3	43,900 *			85	75.5	24,300 *			76.7	13,600 *		
75	73.7	52,400 *	76.6	41,000 *	76.1	42,800 *			90	74.4	23,800 *	79.6	17,800 *	75.6	13,300 *		
80	72.4	51,300 *	75.3	40,300 *	74.9	41,800 *	79.0	29,500 *	95	73.3	23,300 *	78.4	17,500 *	74.6	13,000 *		
85	71.1	50,300 *	73.9	39,300 *	73.7	40,900 *	77.8	29,500 *	100	72.2	22,800 *	77.2	17,200 *	73.6	12,600 *		
90	69.7	49,300 *	72.6	38,300 *	72.5	40,000 *	76.5	29,300 *	105	71.0	22,400 *	76.1	16,900 *	72.5	12,300 *	78.6	9,400 *
95	68.4	48,300 *	71.2	37,400 *	71.3	39,100 *	75.3	28,900 *	110	69.9	21,900 *	74.9	16,600 *	71.5	12,100 *	77.5	9,300 *
100	67.0	47,300 *	69.8	36,500 *	70.0	38,300 *	74.0	28,600 *	115	68.7	21,500 *	73.7	16,400 *	70.4	11,800 *	76.4	9,100 *
105	65.7	46,200	68.4	35,600 *	68.8	37,500 *	72.7	28,200 *	120	67.6	21,000 *	72.5	16,200 *	69.4	11,500 *	75.3	8,900 *
110	64.3	45,100	67.0	34,900 *	67.6	36,800 *	71.5	27,500 *	125	66.4	20,600 *	71.3	15,900 *	68.3	11,200 *	74.2	8,800 *
115	62.9	42,700	65.6	34,100 *	66.3	36,100 *	70.1	26,900 *	130	65.2	20,200 *	70.1	15,700 *	67.2	11,000 *	73.1	8,600 *
120	61.5	40,000	64.1	33,400 *	65.0	35,400 *	68.8	26,300 *	135	64.0	19,800 *	68.8	15,500 *	66.1	10,700 *	72.0	8,500 *
125	60.0	37,500	62.7	32,800 *	63.7	34,800 *	67.5	25,700 *	140	62.8	19,400 *	67.6	15,300 *	65.0	10,500 *	70.8	8,400 *
130	58.5	35,200	61.2	32,200 *	62.4	34,000 *	66.1	25,100 *	145	61.6	19,100 *	66.3	15,100 *	63.9	10,300 *	69.7	8,300 *
135	57.0	33,200	59.6	31,600 *	61.1	33,000 *	64.8	24,600 *	150	60.3	18,700 *	65.0	14,900 *	62.8	10,100 *	68.5	8,200 *
140	55.5	31,300	58.1	31,100	59.7	31,800 *	63.4	24,100 *	155	59.1	18,400 *	63.7	14,800 *	61.6	9,900 *	67.3	8,100 *
145	53.9	29,500	56.5	30,400	58.3	30,400	61.9	23,700 *	160	57.8	18,100 *	62.4	14,600 *	60.5	9,700 *	66.1	8,000 *
150	52.4	27,800	54.8	28,700	56.9	28,900	60.5	23,200 *	165	56.5	17,800 *	61.0	14,500 *	59.3	9,500 *	64.9	7,900 *
155	50.7	26,300	53.2	27,200	55.5	27,400	59.0	22,800 *	170	55.2	17,500 *	59.6	14,300 *	58.1	9,400 *	63.7	7,800 *
160	49.1	24,900	51.5	25,600	54.1	25,900	57.5	22,500 *	175	53.8	17,200 *	58.2	14,200 *	56.9	9,100 *	62.4	7,700 *
165	47.4	23,600	49.7	24,200	52.6	24,400	56.0	22,100 *	180	52.4	16,900 *	56.8	14,000 *	55.7	9,000 *	61.2	7,700 *
170	45.6	22,300	47.9	22,800	51.1	23,200	54.4	21,800 *	185	51.0	16,700 *	55.3	13,900 *	54.4	8,800 *	59.9	7,600 *
175	43.8	21,100	46.0	21,600	49.5	22,100	52.8	21,500 *	190	49.6	16,400 *	53.8	13,800 *	53.2	8,600 *	58.5	7,500 *
180	41.9	20,000	44.1	20,500	47.9	21,000	51.2	21,200 *	195	48.1	16,200 *	52.3	13,700 *	51.9	8,500 *	57.2	7,400 *
185	39.9	19,000	42.0	19,500	46.3	20,000	49.5	20,800 *	200	46.6	16,000 *	50.7	13,600 *	50.5	8,400 *	55.8	7,300 *
190	37.9	18,000	39.9	18,300	44.6	19,000	47.7	20,000 *	205	45.0	15,700 *	49.0	13,500 *	49.2	8,300 *	54.4	7,200 *
195	35.7	17,100	37.6	17,300	42.8	18,000	45.9	19,000 *	210	43.4	15,500 *	47.3	13,400 *	47.8	8,100 *	52.9	7,200 *
200	33.5	16,200	35.2	16,400	41.0	17,100	43.9	18,000 *	215	41.8	15,300 *	45.5	13,400 *	46.4	8,100 *	51.5	7,200 *
205	31.0	15,400	32.7	15,600	39.2	16,200	42.0	17,100	220	40.0	14,900 *	43.7	13,300 *	45.0	8,000 *	49.9	7,200 *
210					37.2	15,400	39.9	16,300	225	38.2	14,200 *	41.8	13,300 *	43.5	7,800 *	48.3	7,200 *
215					35.1	14,700	37.6	15,400	230	36.3	13,600 *	39.7	13,200 *	41.9	7,700 *	46.7	7,000 *
220					32.9	14,000	35.3	14,600	235	34.3	12,900 *	37.6	13,200 *	40.3	7,700 *	45.0	7,000 *
225					30.6	13,300	32.7	13,900	240	32.2	12,400	35.2	12,800 *	38.7	7,500 *	43.2	6,900 *
									245	30.0	11,800	32.7	12,200 *	37.0	7,400 *	41.3	6,700 *
									250					35.2	7,400 *	39.4	6,500
									255					33.3	7,300 *	37.3	6,400
									260					31.2	7,100 *	35.0	6,300
									265							32.6	6,300

STERLING CRANE

Jib Rated Loads in Pounds

15 Counterweights + 2 Low Weights

200' Boom				60 ft Jib				200' Boom				100 ft Jib					
Load Radius (ft.)	40 ft Jib		60 ft Jib		60 ft Jib		60 ft Jib		Load Radius (ft.)	80 ft Jib		80 ft Jib		100 ft Jib		100 ft Jib	
	10°		30°		10°		30°			10°		30°		10°		30°	
	Boom Angle (deg.)	Rated Load (lbs.)	Boom Angle (deg.)	Rated Load (lbs.)	Boom Angle (deg.)	Rated Load (lbs.)	Boom Angle (deg.)	Rated Load (lbs.)		Boom Angle (deg.)	Rated Load (lbs.)	Boom Angle (deg.)	Rated Load (lbs.)	Boom Angle (deg.)	Rated Load (lbs.)	Boom Angle (deg.)	Rated Load (lbs.)
55	79.3	57,900 *							70	79.2	26,200 *						
60	78.1	56,700 *							75	78.1	25,600 *			79.1	14,700 *		
65	76.9	55,500 *			78.9	45,400 *			80	77.1	25,100 *			78.1	14,200 *		
70	75.6	54,400 *	78.5	41,700 *	77.8	44,300 *			85	76.0	24,600 *			77.1	13,900 *		
75	74.4	53,200 *	77.2	41,200 *	76.6	43,300 *			90	75.0	24,100 *			76.1	13,500 *		
80	73.1	51,900 *	75.9	40,600 *	75.5	42,300 *	79.4	29,500 *	95	73.9	23,600 *	78.8	17,500 *	75.1	13,200 *		
85	71.9	50,900 *	74.7	39,800 *	74.3	41,400 *	78.3	29,500 *	100	72.8	23,100 *	77.7	17,300 *	74.1	12,900 *		
90	70.6	49,900 *	73.4	38,800 *	73.2	40,500 *	77.1	29,400 *	105	71.7	22,700 *	76.6	17,000 *	73.1	12,500 *	79.0	9,400 *
95	69.4	48,900 *	72.1	37,900 *	72.0	39,600 *	75.9	29,100 *	110	70.6	22,200 *	75.5	16,800 *	72.1	12,200 *	78.0	9,300 *
100	68.1	47,900 *	70.8	37,000 *	70.9	38,800 *	74.7	28,700 *	115	69.5	21,800 *	74.4	16,500 *	71.1	12,000 *	76.9	9,100 *
105	66.8	46,900 *	69.4	36,200 *	69.7	38,000 *	73.5	28,400 *	120	68.4	21,300 *	73.2	16,300 *	70.1	11,700 *	75.9	8,900 *
110	65.4	44,900 *	68.1	35,400 *	68.5	37,300 *	72.2	27,900 *	125	67.3	20,900 *	72.1	16,100 *	69.1	11,400 *	74.8	8,800 *
115	64.1	42,300 *	66.7	34,600 *	67.3	36,600 *	71.0	27,300 *	130	66.2	20,500 *	70.9	15,800 *	68.0	11,200 *	73.7	8,800 *
120	62.8	39,600 *	65.3	34,000 *	66.1	35,900 *	69.7	26,700 *	135	65.0	20,100 *	69.7	15,600 *	67.0	10,900 *	72.7	8,600 *
125	61.4	37,100 *	64.0	33,300 *	64.8	35,300 *	68.5	26,100 *	140	63.9	19,800 *	68.5	15,400 *	65.9	10,700 *	71.6	8,500 *
130	60.0	34,900 *	62.5	32,700 *	63.6	34,700 *	67.2	25,500 *	145	62.7	19,400 *	67.3	15,300 *	64.8	10,500 *	70.5	8,300 *
135	58.6	32,800 *	61.1	32,100 *	62.3	33,500 *	65.9	25,000 *	150	61.5	19,100 *	66.1	15,100 *	63.8	10,300 *	69.3	8,300 *
140	57.1	30,900 *	59.6	31,200 *	61.0	31,900 *	64.6	24,500 *	155	60.3	18,700 *	64.8	14,900 *	62.7	10,000 *	68.2	8,200 *
145	55.7	29,100 *	58.1	29,900 *	59.7	30,100 *	63.2	24,100 *	160	59.1	18,400 *	63.6	14,700 *	61.6	9,800 *	67.1	8,000 *
150	54.2	27,500 *	56.6	28,300 *	58.4	28,400 *	61.9	23,600 *	165	57.9	18,100 *	62.3	14,600 *	60.4	9,600 *	65.9	7,900 *
155	52.7	25,900 *	55.1	26,700 *	57.0	26,900 *	60.5	23,200 *	170	56.6	17,800 *	61.0	14,400 *	59.3	9,500 *	64.7	7,900 *
160	51.1	24,500 *	53.5	25,300 *	55.7	25,400 *	59.1	22,800 *	175	55.3	17,500 *	59.6	14,300 *	58.2	9,300 *	63.5	7,700 *
165	49.6	23,200 *	51.9	23,900 *	54.3	24,100 *	57.6	22,500 *	180	54.0	17,200 *	58.3	14,200 *	57.0	9,200 *	62.3	7,700 *
170	47.9	21,900 *	50.2	22,600 *	52.9	22,800 *	56.2	22,100 *	185	52.7	17,000 *	56.9	14,000 *	55.8	9,000 *	61.1	7,600 *
175	46.3	20,700 *	48.5	21,400 *	51.4	21,600 *	54.7	21,800 *	190	51.4	16,700 *	55.5	13,900 *	54.6	8,800 *	59.9	7,500 *
180	44.6	19,600 *	46.7	20,200 *	49.9	20,500 *	53.1	21,400 *	195	50.0	16,500 *	54.1	13,800 *	53.4	8,700 *	58.6	7,400 *
185	42.8	18,600 *	44.9	19,100 *	48.4	19,500 *	51.6	20,800 *	200	48.6	16,300 *	52.6	13,700 *	52.2	8,600 *	57.3	7,300 *
190	40.9	17,600 *	43.0	18,100 *	46.9	18,500 *	49.9	19,700 *	205	47.1	16,000 *	51.1	13,600 *	50.9	8,500 *	56.0	7,200 *
195	39.0	16,700 *	41.0	17,100 *	45.3	17,600 *	48.3	18,700 *	210	45.7	15,800 *	49.5	13,500 *	49.6	8,300 *	54.6	7,200 *
200	37.0	15,800 *	38.9	16,200 *	43.6	16,700 *	46.5	17,700 *	215	44.1	15,300 *	47.9	13,400 *	48.3	8,200 *	53.2	7,200 *
205	34.9	15,000 *	36.7	15,300 *	41.9	15,800 *	44.7	16,800 *	220	42.5	14,600 *	46.2	13,400 *	46.9	8,000 *	51.8	7,200 *
210	32.7	14,200 *	34.4	14,500 *	40.1	15,000 *	42.9	16,000 *	225	40.9	13,900 *	44.5	13,300 *	45.5	7,900 *	50.4	7,200 *
215	30.3	13,500 *	31.9	13,700 *	38.3	14,300 *	40.9	15,100 *	230	39.2	13,200 *	42.7	13,300 *	44.1	7,900 *	48.8	7,100 *
220					36.4	13,600 *	38.9	14,300 *	235	37.4	12,600 *	40.8	13,000 *	42.7	7,700 *	47.3	7,000 *
225					34.4	12,900 *	36.7	13,600 *	240	35.6	12,000 *	38.8	12,400 *	41.1	7,700 *	45.7	7,000 *
230					32.2	12,200 *	34.4	12,900 *	245	33.6	11,400 *	36.6	11,800 *	39.6	7,600 *	44.0	7,000 *
235							31.9	12,200 *	250	31.6	10,800 *	34.4	11,100 *	38.0	7,400 *	42.3	7,000 *
									255			31.9	10,600 *	36.3	7,400 *	40.4	6,800 *
									260					34.5	7,300 *	38.5	6,600 *
									265					32.6	7,200 *	36.4	6,500 *
									270					30.7	7,100 *	34.2	6,300 *
									275					32.0	6,100 *	32.0	6,100 *

STERLING CRANE

Jib Rated Loads in Pounds

15 Counterweights + 2 Low Weights

210' Boom								210' Boom									
Load Radius (ft.)	40 ft Jib				60 ft Jib				Load Radius (ft.)	80 ft Jib				100 ft Jib			
	10°		30°		10°		30°			10°		30°		10°		30°	
	Boom Angle (deg.)	Rated Load (lbs.)	Boom Angle (deg.)	Rated Load (lbs.)	Boom Angle (deg.)	Rated Load (lbs.)	Boom Angle (deg.)	Rated Load (lbs.)		Boom Angle (deg.)	Rated Load (lbs.)	Boom Angle (deg.)	Rated Load (lbs.)	Boom Angle (deg.)	Rated Load (lbs.)	Boom Angle (deg.)	Rated Load (lbs.)
60	78.6	57,100 *							70	79.6	26,400 *						
65	77.4	56,000 *			79.3	45,800 *			75	78.5	25,900 *						
70	76.2	54,900 *	78.9	41,900 *	78.2	44,700 *			80	77.5	25,300 *			78.5	14,400 *		
75	75.0	53,800 *	77.7	41,400 *	77.1	43,700 *			85	76.5	24,800 *			77.5	14,100 *		
80	73.8	52,800 *	76.5	40,900 *	76.0	42,700 *	79.9	29,500 *	90	75.5	24,300 *			76.6	13,700 *		
85	72.6	51,900 *	75.3	40,400 *	74.9	41,800 *	78.7	29,500 *	95	74.5	23,800 *	79.3	17,600 *	75.6	13,400 *		
90	71.4	51,000 *	74.1	39,400 *	73.8	40,900 *	77.6	29,400 *	100	73.4	23,400 *	78.2	17,400 *	74.7	13,100 *		
95	70.2	50,000 *	72.8	38,400 *	72.7	40,100 *	76.5	29,300 *	105	72.4	22,900 *	77.1	17,100 *	73.7	12,700 *		
100	69.0	49,000 *	71.6	37,500 *	71.6	39,300 *	75.3	28,900 *	110	71.3	22,500 *	76.0	16,900 *	72.7	12,400 *	78.4	9,300 *
105	67.7	47,800 *	70.3	36,700 *	70.5	38,500 *	74.1	28,600 *	115	70.3	22,100 *	74.9	16,600 *	71.8	12,100 *	77.4	9,200 *
110	66.5	44,600 *	69.0	35,900 *	69.3	37,800 *	73.0	28,200 *	120	69.2	21,600 *	73.8	16,400 *	70.8	11,800 *	76.4	9,100 *
115	65.2	41,600 *	67.8	35,200 *	68.2	37,100 *	71.8	27,700 *	125	68.1	21,200 *	72.7	16,200 *	69.8	11,600 *	75.4	9,000 *
120	63.9	38,900 *	66.4	34,500 *	67.0	36,400 *	70.6	27,000 *	130	67.1	20,800 *	71.6	16,000 *	68.8	11,300 *	74.3	8,800 *
125	62.6	36,400 *	65.1	33,800 *	65.8	35,800 *	69.4	26,400 *	135	66.0	20,400 *	70.5	15,800 *	67.8	11,100 *	73.3	8,700 *
130	61.3	34,200 *	63.8	33,200 *	64.6	34,800 *	68.1	25,900 *	140	64.9	20,100 *	69.3	15,600 *	66.8	10,900 *	72.2	8,600 *
135	60.0	32,100 *	62.4	32,500 *	63.4	33,100 *	66.9	25,400 *	145	63.7	19,700 *	68.2	15,400 *	65.7	10,700 *	71.2	8,500 *
140	58.6	30,200 *	61.0	31,300 *	62.2	31,200 *	65.7	24,900 *	150	62.6	19,400 *	67.0	15,200 *	64.7	10,400 *	70.1	8,400 *
145	57.3	28,400 *	59.6	29,500 *	61.0	29,400 *	64.4	24,400 *	155	61.5	19,000 *	65.8	15,000 *	63.6	10,200 *	69.0	8,300 *
150	55.9	26,700 *	58.2	27,600 *	59.7	27,700 *	63.1	24,000 *	160	60.3	18,700 *	64.6	14,900 *	62.6	10,000 *	67.9	8,200 *
155	54.4	25,200 *	56.8	26,100 *	58.4	26,200 *	61.8	23,600 *	165	59.1	18,400 *	63.4	14,700 *	61.5	9,800 *	66.8	8,100 *
160	53.0	23,800 *	55.3	24,600 *	57.1	24,800 *	60.5	23,200 *	170	57.9	18,100 *	62.2	14,600 *	60.4	9,700 *	65.7	8,000 *
165	51.5	22,400 *	53.8	23,300 *	55.8	23,400 *	59.1	22,800 *	175	56.7	17,800 *	60.9	14,400 *	59.3	9,500 *	64.6	7,900 *
170	50.0	21,200 *	52.2	21,900 *	54.5	22,100 *	57.7	22,500 *	180	55.5	17,500 *	59.7	14,300 *	58.2	9,300 *	63.4	7,800 *
175	48.5	20,000 *	50.6	20,700 *	53.1	21,000 *	56.3	22,100 *	185	54.3	17,300 *	58.4	14,100 *	57.1	9,200 *	62.3	7,700 *
180	46.9	18,900 *	49.0	19,600 *	51.7	19,800 *	54.9	21,300 *	190	53.0	17,000 *	57.0	14,000 *	56.0	9,000 *	61.1	7,600 *
185	45.2	17,900 *	47.3	18,400 *	50.3	18,800 *	53.4	20,200 *	195	51.7	16,800 *	55.7	13,900 *	54.8	8,900 *	59.9	7,500 *
190	43.6	16,900 *	45.6	17,400 *	48.9	17,800 *	51.9	19,100 *	200	50.4	16,500 *	54.3	13,800 *	53.6	8,800 *	58.6	7,400 *
195	41.8	16,000 *	43.8	16,400 *	47.4	16,900 *	50.4	18,100 *	205	49.0	16,200 *	52.9	13,700 *	52.4	8,600 *	57.4	7,400 *
200	40.0	15,100 *	42.0	15,500 *	45.9	16,000 *	48.8	17,100 *	210	47.6	15,400 *	51.4	13,600 *	51.2	8,500 *	56.1	7,400 *
205	38.2	14,300 *	40.0	14,700 *	44.3	15,100 *	47.1	16,200 *	215	46.2	14,700 *	50.0	13,500 *	50.0	8,400 *	54.8	7,300 *
210	36.2	13,500 *	38.0	13,800 *	42.7	14,300 *	45.5	15,400 *	220	44.7	14,000 *	48.4	13,500 *	48.7	8,300 *	53.5	7,200 *
215	34.2	12,700 *	35.8	13,000 *	41.0	13,600 *	43.7	14,500 *	225	43.2	13,300 *	46.8	13,400 *	47.4	8,100 *	52.1	7,200 *
220	32.0	12,000 *	33.5	12,300 *	39.3	12,900 *	41.9	13,800 *	230	41.7	12,600 *	45.2	13,300 *	46.1	8,000 *	50.7	7,200 *
225			31.1	11,600 *	37.5	12,200 *	40.0	13,000 *	235	40.1	11,900 *	43.5	12,600 *	44.7	7,900 *	49.3	7,100 *
230					35.6	11,500 *	38.0	12,300 *	240	38.4	11,300 *	41.7	12,000 *	43.3	7,800 *	47.8	7,000 *
235					33.6	10,900 *	35.8	11,600 *	245	36.7	10,700 *	39.8	11,300 *	41.9	7,700 *	46.3	7,000 *
240					31.5	10,300 *	33.6	10,900 *	250	34.8	10,200 *	37.9	10,700 *	40.4	7,600 *	44.7	7,000 *
245							31.1	10,300 *	255	32.9	9,600 *	35.8	10,100 *	38.9	7,500 *	43.1	7,000 *
									260	30.9	9,100 *	33.5	9,500 *	37.3	7,400 *	41.4	6,900 *
									265			31.1	9,000 *	35.6	7,400 *	39.5	6,700 *
									270					33.9	7,400 *	37.6	6,500 *
									275					32.0	7,200 *	35.6	6,400 *
									280					30.1	7,100 *	33.4	6,300 *
									285							31.1	6,200 *

STERLING CRANE

Jib Rated Loads in Pounds

15 Counterweights + 2 Low Weights

220' Boom				60 ft Jib				220' Boom				100 ft Jib						
Load Radius (ft.)	40 ft Jib		60 ft Jib		80 ft Jib		100 ft Jib		Load Radius (ft.)	80 ft Jib		100 ft Jib		Load Radius (ft.)	80 ft Jib		100 ft Jib	
	10°		30°		10°		30°			10°		30°			10°		30°	
	Boom Angle (deg.)	Rated Load (lbs.)	Boom Angle (deg.)	Rated Load (lbs.)	Boom Angle (deg.)	Rated Load (lbs.)	Boom Angle (deg.)	Rated Load (lbs.)		Boom Angle (deg.)	Rated Load (lbs.)	Boom Angle (deg.)	Rated Load (lbs.)		Boom Angle (deg.)	Rated Load (lbs.)	Boom Angle (deg.)	Rated Load (lbs.)
60	79.0	57,600 *							75	78.9	26,100 *							
65	77.9	56,400 *			79.7	46,200 *			80	78.0	25,500 *			78.9	14,400 *			
70	76.8	55,300 *	79.4	42,000 *	78.6	45,100 *			85	77.0	25,000 *			77.9	14,100 *			
75	75.6	54,300 *	78.2	41,500 *	77.6	44,100 *			90	76.0	24,500 *			77.0	13,700 *			
80	74.5	53,300 *	77.1	41,100 *	76.6	43,200 *			95	75.0	24,000 *	79.6	17,700 *	76.1	13,400 *			
85	73.3	52,400 *	75.9	40,600 *	75.5	42,200 *	79.2	29,500 *	100	74.0	23,600 *	78.6	17,400 *	75.2	13,100 *			
90	72.2	51,300 *	74.7	39,700 *	74.4	41,400 *	78.1	29,500 *	105	73.0	23,100 *	77.6	17,200 *	74.2	13,000 *			
95	71.0	50,100 *	73.5	38,900 *	73.4	40,500 *	77.0	29,400 *	110	72.0	22,700 *	76.5	17,000 *	73.3	12,600 *	78.8	9,200 *	
100	69.8	48,800	72.3	38,000 *	72.3	39,800 *	75.9	29,100 *	115	71.0	22,300 *	75.5	16,700 *	72.4	12,300 *	77.8	9,200 *	
105	68.6	47,100	71.1	37,100 *	71.2	39,000 *	74.8	28,700 *	120	70.0	21,900 *	74.4	16,500 *	71.4	12,000 *	76.8	9,100 *	
110	67.4	44,000	69.9	36,400 *	70.1	38,300 *	73.6	28,400 *	125	68.9	21,500 *	73.4	16,300 *	70.4	11,800 *	75.9	9,000 *	
115	66.2	41,000	68.7	35,600 *	69.0	37,600 *	72.5	27,900 *	130	67.9	21,100 *	72.3	16,100 *	69.5	11,500 *	74.9	8,800 *	
120	65.0	38,300	67.4	34,900 *	67.9	36,900 *	71.3	27,400 *	135	66.8	20,700 *	71.2	15,900 *	68.5	11,300 *	73.9	8,700 *	
125	63.8	35,800	66.2	34,300 *	66.8	36,200 *	70.2	26,800 *	140	65.8	20,300 *	70.1	15,700 *	67.5	11,000 *	72.9	8,600 *	
130	62.5	33,600	64.9	33,700 *	65.6	34,500 *	69.0	26,300 *	145	64.7	20,000 *	69.0	15,500 *	66.5	10,700 *	71.8	8,500 *	
135	61.3	31,500	63.6	32,300	64.5	32,600 *	67.8	25,700 *	150	63.6	19,600 *	67.9	15,300 *	65.5	10,600 *	70.8	8,400 *	
140	60.0	29,600	62.3	30,700	63.3	30,600	66.7	25,300 *	155	62.5	19,300 *	66.8	15,100 *	64.5	10,400 *	69.8	8,300 *	
145	58.7	27,800	61.0	28,800	62.1	28,800	65.4	24,800 *	160	61.4	19,000 *	65.6	15,000 *	63.5	10,200 *	68.7	8,200 *	
150	57.4	26,100	59.6	27,200	60.9	27,100	64.2	24,300 *	165	60.3	18,700 *	64.5	14,800 *	62.5	10,000 *	67.7	8,100 *	
155	56.0	24,600	58.3	25,600	59.7	25,600	63.0	23,900 *	170	59.2	18,400 *	63.3	14,700 *	61.5	9,800 *	66.6	8,000 *	
160	54.7	23,200	56.9	24,100	58.5	24,200	61.7	23,600 *	175	58.0	18,100 *	62.1	14,500 *	60.4	9,600 *	65.5	7,900 *	
165	53.3	21,800	55.5	22,600	57.2	22,800	60.4	23,200 *	180	56.8	17,800 *	60.9	14,400 *	59.4	9,500 *	64.4	7,800 *	
170	51.9	20,600	54.0	21,300	56.0	21,500	59.1	22,800 *	185	55.7	17,600 *	59.7	14,300 *	58.3	9,400 *	63.3	7,700 *	
175	50.4	19,400	52.5	20,100	54.7	20,400	57.8	21,900 *	190	54.5	17,300 *	58.4	14,100 *	57.2	9,200 *	62.2	7,600 *	
180	48.9	18,300	51.0	19,000	53.4	19,200	56.5	20,800 *	195	53.2	17,100 *	57.2	14,000 *	56.1	9,100 *	61.0	7,500 *	
185	47.4	17,300	49.5	17,900	52.0	18,200	55.1	19,700 *	200	52.0	16,500 *	55.9	13,900 *	55.0	8,900 *	59.9	7,400 *	
190	45.9	16,300	47.9	16,800	50.7	17,200	53.7	18,600 *	205	50.7	15,700 *	54.5	13,800 *	53.8	8,700 *	58.7	7,400 *	
195	44.3	15,400	46.3	15,900	49.3	16,300	52.2	17,600	210	49.4	14,900 *	53.2	13,700 *	52.7	8,600 *	57.5	7,400 *	
200	42.7	14,500	44.6	15,000	47.9	15,400	50.8	16,600	215	48.1	14,100 *	51.8	13,600 *	51.5	8,500 *	56.3	7,300 *	
205	41.0	13,600	42.8	14,000	46.4	14,500	49.3	15,700	220	46.7	13,400	50.4	13,500 *	50.3	8,400 *	55.0	7,200 *	
210	39.2	12,800	41.0	13,200	44.9	13,700	47.7	14,900	225	45.3	12,700	48.9	13,300 *	49.1	8,300 *	53.7	7,200 *	
215	37.4	12,100	39.1	12,500	43.4	13,000	46.1	14,000	230	43.9	12,000	47.4	12,900 *	47.9	8,100 *	52.4	7,200 *	
220	35.5	11,400	37.1	11,700	41.8	12,200	44.4	13,300	235	42.4	11,400	45.8	12,200 *	46.6	8,100 *	51.1	7,000 *	
225	33.5	10,700	35.0	10,900	40.2	11,600	42.7	12,500	240	40.9	10,800	44.2	11,500	45.3	8,000 *	49.7	7,000 *	
230	31.3	10,100	32.8	10,300	38.5	10,900	40.9	11,800	245	39.3	10,200	42.5	10,800	44.0	7,900 *	48.3	7,000 *	
235			30.4	9,600	36.7	10,300	39.1	11,100	250	37.7	9,600	40.8	10,200	42.6	7,800 *	46.9	7,000 *	
240					34.9	9,700	37.1	10,400	255	35.9	9,100	39.0	9,600	41.2	7,700 *	45.4	7,000 *	
245					33.0	9,100	35.0	9,800	260	34.2	8,500	37.0	9,000	39.7	7,600 *	43.8	7,000 *	
250					30.9	8,600	32.8	9,200	265	32.3	8,000	35.0	8,500	38.2	7,400 *	42.2	7,000 *	
255							30.4	8,600	270	30.3	7,500	32.8	7,900	36.6	7,400 *	40.5	7,000 *	
									275			30.4	7,400	35.0	7,200 *	38.7	6,800 *	
									280					33.3	6,900 *	36.8	6,600 *	
									285					31.5	6,700 *	34.9	6,500	
									290							32.7	6,300	
									295							30.0	6,100	

STERLING CRANE

Jib Rated Loads in Pounds

15 Counterweights + 2 Low Weights

230' Boom									230' Boom								
Load Radius (ft.)	40 ft Jib				60 ft Jib				Load Radius (ft.)	80 ft Jib				100 ft Jib			
	10°		30°		10°		30°			10°		30°		10°		30°	
	Boom Angle (deg.)	Rated Load (lbs.)	Boom Angle (deg.)	Rated Load (lbs.)	Boom Angle (deg.)	Rated Load (lbs.)	Boom Angle (deg.)	Rated Load (lbs.)		Boom Angle (deg.)	Rated Load (lbs.)	Boom Angle (deg.)	Rated Load (lbs.)	Boom Angle (deg.)	Rated Load (lbs.)	Boom Angle (deg.)	Rated Load (lbs.)
60	79.4	57,900 *							75	79.3	26,100 *						
65	78.3	56,800 *							80	78.4	25,600 *			79.2	14,600 *		
70	77.3	55,800 *							85	77.4	25,100 *			78.3	14,300 *		
75	76.2	54,800 *	78.7	41,700 *	78.0	44,500 *			90	76.5	24,600 *			77.4	14,000 *		
80	75.1	53,800 *	77.6	41,200 *	77.0	43,500 *			95	75.5	24,200 *			76.5	13,600 *		
85	74.0	52,900 *	76.5	40,800 *	76.0	42,600 *	79.5	29,500 *	100	74.5	23,700 *	79.0	17,500 *	75.6	13,300 *		
90	72.9	52,000 *	75.3	40,100 *	75.0	41,800 *	78.5	29,500 *	105	73.6	23,300 *	78.0	17,300 *	74.7	13,000 *		
95	71.7	51,100 *	74.2	39,300 *	74.0	41,000 *	77.4	29,400 *	110	72.6	22,900 *	77.0	17,000 *	73.8	12,600 *	79.2	9,400 *
100	70.6	49,500	73.0	38,400 *	72.9	40,200 *	76.4	29,200 *	115	71.6	22,500 *	76.0	16,800 *	72.9	12,400 *	78.2	9,300 *
105	69.5	46,000	71.9	37,600 *	71.9	39,400 *	75.3	28,900 *	120	70.6	22,100 *	75.0	16,600 *	72.0	12,200 *	77.3	9,100 *
110	68.3	43,200	70.7	36,800 *	70.8	38,700 *	74.2	28,600 *	125	69.6	21,700 *	74.0	16,400 *	71.1	11,800 *	76.3	9,000 *
115	67.2	40,300	69.6	36,100 *	69.8	38,000 *	73.2	28,200 *	130	68.6	21,300 *	72.9	16,200 *	70.1	11,700 *	75.4	8,800 *
120	66.0	37,600	68.4	35,400 *	68.7	37,200 *	72.1	27,700 *	135	67.6	20,900 *	71.9	16,000 *	69.2	11,400 *	74.4	8,800 *
125	64.8	35,100	67.2	34,700	67.6	36,200 *	70.9	27,200 *	140	66.6	20,500 *	70.8	15,800 *	68.3	11,100 *	73.4	8,700 *
130	63.6	32,900	66.0	33,900	66.5	34,000 *	69.8	26,600 *	145	65.6	20,200 *	69.8	15,600 *	67.3	11,000 *	72.5	8,500 *
135	62.4	30,800	64.7	32,000	65.4	31,900	68.7	26,100 *	150	64.5	19,900 *	68.7	15,400 *	66.3	10,800 *	71.5	8,400 *
140	61.2	28,900	63.5	30,000	64.3	29,900	67.6	25,600 *	155	63.5	19,500 *	67.6	15,300 *	65.4	10,600 *	70.5	8,300 *
145	60.0	27,100	62.2	28,200	63.2	28,100	66.4	25,100 *	160	62.4	19,200 *	66.5	15,100 *	64.4	10,400 *	69.5	8,200 *
150	58.7	25,400	60.9	26,500	62.0	26,500	65.2	24,700 *	165	61.4	18,900 *	65.4	14,900 *	63.4	10,100 *	68.4	8,100 *
155	57.4	23,900	59.7	25,000	60.9	24,900	64.1	24,300 *	170	60.3	18,600 *	64.3	14,800 *	62.4	9,900 *	67.4	8,100 *
160	56.2	22,500	58.3	23,400	59.7	23,500	62.9	23,900 *	175	59.2	18,300 *	63.2	14,600 *	61.4	9,700 *	66.4	8,000 *
165	54.9	21,100	57.0	22,000	58.5	22,100	61.7	23,400 *	180	58.1	18,000 *	62.0	14,500 *	60.4	9,600 *	65.3	7,900 *
170	53.5	19,900	55.6	20,600	57.3	20,800	60.4	22,600 *	185	57.0	17,800 *	60.9	14,400 *	59.4	9,400 *	64.3	7,800 *
175	52.2	18,700	54.3	19,400	56.1	19,700	59.2	21,400 *	190	55.8	17,500 *	59.7	14,200 *	58.3	9,200 *	63.2	7,700 *
180	50.8	17,600	52.8	18,200	54.8	18,500	57.9	20,200 *	195	54.6	16,800 *	58.5	14,100 *	57.3	9,200 *	62.1	7,700 *
185	49.4	16,500	51.4	17,100	53.6	17,500	56.6	19,100 *	200	53.5	15,900 *	57.3	14,000 *	56.2	9,100 *	61.0	7,600 *
190	47.9	15,600	49.9	16,100	52.3	16,500	55.3	18,000 *	205	52.2	15,100 *	56.0	13,900 *	55.1	8,900 *	59.9	7,500 *
195	46.5	14,600	48.4	15,100	51.0	15,600	53.9	17,000	210	51.0	14,200 *	54.7	13,800 *	54.0	8,800 *	58.7	7,400 *
200	44.9	13,800	46.9	14,200	49.7	14,700	52.5	16,000	215	49.8	13,500 *	53.4	13,700 *	52.9	8,600 *	57.6	7,400 *
205	43.4	12,900	45.3	13,400	48.3	13,800	51.1	15,100	220	48.5	12,700	52.1	13,500 *	51.8	8,500 *	56.4	7,300 *
210	41.8	12,100	43.6	12,500	46.9	13,000	49.7	14,300	225	47.2	12,000	50.7	13,100 *	50.6	8,400 *	55.2	7,200 *
215	40.1	11,400	41.9	11,800	45.5	12,300	48.2	13,400	230	45.8	11,300	49.3	12,300	49.5	8,300 *	54.0	7,200 *
220	38.4	10,700	40.1	11,100	44.1	11,500	46.7	12,700	235	44.4	10,700	47.9	11,600	48.3	8,200 *	52.7	7,200 *
225	36.6	10,000	38.3	10,300	42.6	10,800	45.1	11,900	240	43.0	10,100	46.4	10,900	47.1	8,100 *	51.4	7,200 *
230	34.8	9,300	36.3	9,600	41.0	10,200	43.5	11,200	245	41.6	9,500	44.9	10,300	45.8	8,000 *	50.1	7,200 *
235	32.8	8,700	34.3	8,900	39.4	9,600	41.8	10,500	250	40.1	8,900	43.3	9,600	44.5	7,900 *	48.8	7,100 *
240	30.7	8,100	32.1	8,400	37.8	9,000	40.1	9,800	255	38.5	8,400	41.6	9,000	43.2	7,700 *	47.4	7,000 *
245					36.0	8,400	38.2	9,200	260	36.9	7,900	39.9	8,500	41.9	7,500 *	46.0	7,000 *
250					34.2	7,800	36.3	8,600	265	35.3	7,400	38.1	7,900	40.5	7,400 *	44.5	7,000 *
255					32.3	7,300	34.3	8,000	270	33.5	6,900	36.2	7,400	39.0	7,200 *	43.0	7,000 *
260					30.3	6,800	32.1	7,400	275	31.7	6,400	34.2	6,800	37.5	6,800 *	41.4	7,000 *
									280			32.1	6,300	36.0	6,500 *	39.7	6,700 *
									285					34.4	6,200 *	37.9	6,400
									290					32.7	5,800	36.1	6,100
									295					30.9	5,500	34.1	5,900
									300							32.0	5,400

STERLING CRANE

Jib Rated Loads in Pounds

15 Counterweights + 2 Low Weights

240' Boom									240' Boom								
Load Radius (ft.)	40 ft Jib				60 ft Jib				Load Radius (ft.)	80 ft Jib				100 ft Jib			
	10°		30°		10°		30°			10°		30°		10°		30°	
	Boom Angle (deg.)	Rated Load (lbs.)	Boom Angle (deg.)	Rated Load (lbs.)	Boom Angle (deg.)	Rated Load (lbs.)	Boom Angle (deg.)	Rated Load (lbs.)		Boom Angle (deg.)	Rated Load (lbs.)	Boom Angle (deg.)	Rated Load (lbs.)	Boom Angle (deg.)	Rated Load (lbs.)	Boom Angle (deg.)	Rated Load (lbs.)
65	78.8	57,200 *							75	79.6	26,400 *						
70	77.7	56,200 *			79.4	45,800 *			80	78.7	25,900 *						
75	76.7	55,200 *	79.1	41,900 *	78.4	44,900 *			85	77.8	25,400 *			78.7	14,300 *		
80	75.6	54,200 *	78.0	41,400 *	77.5	43,900 *			90	76.9	24,900 *			77.8	14,000 *		
85	74.6	53,300 *	77.0	41,000 *	76.5	43,000 *			95	76.0	24,500 *			76.9	13,700 *		
90	73.5	52,400 *	75.9	40,500 *	75.5	42,200 *	78.9	29,500 *	100	75.0	24,000 *	79.4	17,600 *	76.1	13,500 *		
95	72.4	51,000 *	74.8	39,800 *	74.5	41,400 *	77.9	29,500 *	105	74.1	23,600 *	78.4	17,400 *	75.2	13,200 *		
100	71.3	48,600	73.7	38,900 *	73.5	40,600 *	76.9	29,300 *	110	73.2	23,200 *	77.4	17,100 *	74.3	12,800 *		
105	70.2	45,100	72.6	38,000 *	72.5	39,900 *	75.8	29,000 *	115	72.2	22,800 *	76.5	16,900 *	73.4	12,500 *	78.6	9,300 *
110	69.1	42,400	71.5	37,300 *	71.5	39,100 *	74.8	28,700 *	120	71.3	22,400 *	75.5	16,700 *	72.5	12,200 *	77.7	9,200 *
115	68.0	39,800	70.3	36,500 *	70.5	38,500 *	73.8	28,400 *	125	70.3	22,000 *	74.5	16,500 *	71.7	12,100 *	76.8	9,100 *
120	66.9	37,200	69.2	35,800 *	69.4	37,400 *	72.7	28,000 *	130	69.3	21,600 *	73.5	16,300 *	70.7	11,700 *	75.8	9,000 *
125	65.8	34,700	68.1	35,100	68.4	35,800 *	71.6	27,500 *	135	68.4	21,300 *	72.5	16,100 *	69.8	11,500 *	74.9	8,900 *
130	64.6	32,500	66.9	33,600	67.3	33,600 *	70.6	26,900 *	140	67.4	20,900 *	71.5	15,900 *	68.9	11,300 *	74.0	8,700 *
135	63.5	30,400	65.7	31,700	66.3	31,500	69.5	26,400 *	145	66.4	20,500 *	70.5	15,700 *	68.0	11,100 *	73.0	8,600 *
140	62.3	28,500	64.5	29,800	65.2	29,500	68.4	25,900 *	150	65.4	20,200 *	69.5	15,500 *	67.1	10,900 *	72.1	8,500 *
145	61.1	26,700	63.3	27,900	64.1	27,700	67.3	25,500 *	155	64.4	19,900 *	68.4	15,400 *	66.2	10,700 *	71.1	8,400 *
150	60.0	25,000	62.1	26,100	63.0	26,000	66.2	25,000 *	160	63.4	19,500 *	67.4	15,200 *	65.2	10,500 *	70.2	8,300 *
155	58.8	23,500	60.9	24,500	61.9	24,500	65.1	24,600 *	165	62.4	19,200 *	66.3	15,000 *	64.3	10,300 *	69.2	8,200 *
160	57.5	22,100	59.7	23,100	60.8	23,100	63.9	24,200 *	170	61.3	18,900 *	65.3	14,900 *	63.3	10,100 *	68.2	8,100 *
165	56.3	20,700	58.4	21,700	59.7	21,700	62.8	23,600 *	175	60.3	18,600 *	64.2	14,800 *	62.4	10,000 *	67.2	8,000 *
170	55.0	19,400	57.1	20,400	58.5	20,400	61.6	22,300 *	180	59.2	18,400 *	63.1	14,600 *	61.4	9,800 *	66.2	7,900 *
175	53.8	18,300	55.8	19,200	57.4	19,200	60.4	21,100 *	185	58.1	18,000 *	62.0	14,500 *	60.4	9,600 *	65.2	7,800 *
180	52.5	17,200	54.5	18,000	56.2	18,100	59.2	19,900 *	190	57.0	17,200 *	60.8	14,400 *	59.4	9,400 *	64.1	7,700 *
185	51.1	16,100	53.1	16,900	55.0	17,100	57.9	18,700	195	55.9	16,400 *	59.7	14,200 *	58.4	9,300 *	63.1	7,700 *
190	49.8	15,100	51.7	15,900	53.8	16,100	56.7	17,700	200	54.8	15,500 *	58.5	14,100 *	57.4	9,100 *	62.0	7,600 *
195	48.4	14,200	50.3	14,900	52.6	15,100	55.4	16,700	205	53.6	14,700 *	57.4	14,000 *	56.3	9,000 *	61.0	7,500 *
200	47.0	13,300	48.9	14,000	51.3	14,200	54.1	15,700	210	52.5	13,800	56.2	13,900 *	55.3	8,900 *	59.9	7,400 *
205	45.6	12,500	47.4	13,100	50.0	13,400	52.8	14,800	215	51.3	13,100	54.9	13,800 *	54.2	8,800 *	58.8	7,400 *
210	44.1	11,700	45.9	12,300	48.7	12,600	51.5	13,900	220	50.1	12,300	53.7	13,400 *	53.2	8,700 *	57.7	7,300 *
215	42.5	10,900	44.3	11,500	47.4	11,800	50.1	13,100	225	48.8	11,600	52.4	12,700 *	52.1	8,500 *	56.5	7,200 *
220	41.0	10,200	42.7	10,700	46.1	11,100	48.7	12,300	230	47.6	10,900	51.1	12,000	50.9	8,300 *	55.4	7,200 *
225	39.4	9,500	41.0	10,000	44.7	10,400	47.2	11,600	235	46.3	10,300	49.7	11,300	49.8	8,300 *	54.2	7,200 *
230	37.7	8,900	39.3	9,200	43.2	9,700	45.7	10,800	240	45.0	9,700	48.4	10,600	48.7	8,200 *	53.0	7,200 *
235	35.9	8,300	37.5	8,500	41.8	9,100	44.2	10,100	245	43.6	9,100	46.9	9,900	47.5	8,000 *	51.7	7,200 *
240	34.1	7,700	35.6	7,800	40.2	8,500	42.6	9,500	250	42.3	8,500	45.5	9,300	46.3	7,900 *	50.5	7,100 *
245	32.2	7,100	33.5	7,200	38.7	8,000	41.0	8,900	255	40.8	8,000	44.0	8,700	45.1	7,900 *	49.2	7,000 *
250	30.1	6,600	31.4	6,700	37.0	7,400	39.2	8,200	260	39.4	7,500	42.4	8,100	43.8	7,600 *	47.9	7,000 *
255					35.4	6,900	37.4	7,700	265	37.9	7,000	40.8	7,600	42.5	7,400 *	46.5	7,000 *
260					33.6	6,400	35.6	7,100	270	36.3	6,500	39.1	7,000	41.2	7,100 *	45.1	7,000 *
265					31.7	5,900	33.6	6,500	275	34.6	6,000	37.4	6,500	39.8	6,600 *	43.6	6,800 *
270							31.4	6,000	280	32.9	5,600	35.5	6,000	38.4	6,100 *	42.1	6,500 *
									285	31.1	5,100	33.5	5,500	36.9	5,600	40.6	6,200
									290			31.4	5,100	35.3	5,100	38.9	5,800
									295					33.7	4,600	37.2	5,500
									300					32.1	4,300	35.4	5,100
									305					30.3	4,000	33.4	4,700
									310							31.0	4,200

STERLING CRANE

Jib Rated Loads in Pounds

15 Counterweights + 2 Low Weights

250' Boom				60 ft Jib				250' Boom				100 ft Jib				
Load Radius (ft.)	40 ft Jib		60 ft Jib		Load Radius (ft.)	80 ft Jib		100 ft Jib								
	10°		30°			10°		30°								
	Boom Angle (deg.)	Rated Load (lbs.)	Boom Angle (deg.)	Rated Load (lbs.)		Boom Angle (deg.)	Rated Load (lbs.)	Boom Angle (deg.)	Rated Load (lbs.)	Boom Angle (deg.)	Rated Load (lbs.)	Boom Angle (deg.)	Rated Load (lbs.)			
65	79.2	57,600 *			80	79.1	26,100 *			80	79.1	26,100 *				
70	78.1	56,600 *			85	78.2	25,600 *			85	78.2	25,600 *	79.0	14,500 *		
75	77.1	55,600 *	79.5	42,000 *	90	77.3	25,100 *			90	77.3	25,100 *	78.2	14,200 *		
80	76.1	54,700 *	78.5	41,500 *	95	76.4	24,700 *			95	76.4	24,700 *	77.3	13,800 *		
85	75.1	53,800 *	77.4	41,100 *	100	75.5	24,200 *	79.7	17,700 *	100	75.5	24,200 *	76.5	13,500 *		
90	74.1	52,900 *	76.4	40,700 *	105	74.6	23,800 *	78.8	17,400 *	105	74.6	23,800 *	75.6	13,200 *		
95	73.0	50,300 *	75.3	40,100 *	110	73.7	23,400 *	77.9	17,200 *	110	73.7	23,400 *	74.8	13,000 *		
100	72.0	46,900	74.3	39,300 *	115	72.8	23,000 *	76.9	17,000 *	115	72.8	23,000 *	73.9	12,700 *	78.9	9,300 *
105	70.9	43,900	73.2	38,500 *	120	71.9	22,600 *	76.0	16,800 *	120	71.9	22,600 *	73.1	12,500 *	78.1	9,300 *
110	69.9	41,200	72.2	37,700 *	125	70.9	22,300 *	75.0	16,600 *	125	70.9	22,300 *	72.2	12,300 *	77.2	9,200 *
115	68.8	38,700	71.1	37,000 *	130	70.0	21,900 *	74.1	16,400 *	130	70.0	21,900 *	71.3	11,900 *	76.3	9,000 *
120	67.8	36,300	70.0	36,300 *	135	69.1	21,500 *	73.1	16,200 *	135	69.1	21,500 *	70.5	11,700 *	75.4	8,900 *
125	66.7	34,000	68.9	35,500	140	68.1	21,100 *	72.1	16,000 *	140	68.1	21,100 *	69.6	11,500 *	74.5	8,800 *
130	65.6	31,800	67.8	33,300	145	67.2	20,800 *	71.2	15,800 *	145	67.2	20,800 *	68.7	11,200 *	73.6	8,600 *
135	64.5	29,700	66.7	31,200	150	66.2	20,400 *	70.2	15,600 *	150	66.2	20,400 *	67.8	11,000 *	72.6	8,500 *
140	63.4	27,800	65.5	29,100	155	65.2	20,100 *	69.2	15,500 *	155	65.2	20,100 *	66.9	10,800 *	71.7	8,400 *
145	62.2	26,000	64.4	27,300	160	64.3	19,800 *	68.2	15,300 *	160	64.3	19,800 *	66.0	10,700 *	70.8	8,300 *
150	61.1	24,300	63.2	25,600	165	63.3	19,500 *	67.1	15,100 *	165	63.3	19,500 *	65.1	10,500 *	69.9	8,300 *
155	60.0	22,800	62.0	23,900	170	62.3	19,200 *	66.1	15,000 *	170	62.3	19,200 *	64.2	10,300 *	68.9	8,200 *
160	58.8	21,400	60.9	22,400	175	61.3	18,900 *	65.1	14,900 *	175	61.3	18,900 *	63.2	10,100 *	67.9	8,100 *
165	57.6	20,000	59.7	21,100	180	60.3	18,500 *	64.0	14,700 *	180	60.3	18,500 *	62.3	9,900 *	67.0	8,000 *
170	56.4	18,700	58.4	19,700	185	59.2	17,800 *	63.0	14,600 *	185	59.2	17,800 *	61.3	9,800 *	66.0	7,800 *
175	55.2	17,600	57.2	18,500	190	58.2	16,700 *	61.9	14,500 *	190	58.2	16,700 *	60.4	9,700 *	65.0	7,800 *
180	54.0	16,500	56.0	17,400	195	57.1	15,800 *	60.8	14,300 *	195	57.1	15,800 *	59.4	9,500 *	64.0	7,700 *
185	52.7	15,400	54.7	16,200	200	56.0	14,900 *	59.7	14,200 *	200	56.0	14,900 *	58.4	9,300 *	63.0	7,700 *
190	51.5	14,400	53.4	15,200	205	54.9	14,000	58.6	14,100 *	205	54.9	14,000	57.5	9,200 *	62.0	7,600 *
195	50.2	13,500	52.1	14,200	210	53.8	13,200	57.4	14,000 *	210	53.8	13,200	56.4	9,000 *	60.9	7,600 *
200	48.8	12,600	50.7	13,300	215	52.7	12,400	56.3	13,500 *	215	52.7	12,400	55.4	8,900 *	59.9	7,500 *
205	47.5	11,800	49.3	12,500	220	51.6	11,700	55.1	12,900 *	220	51.6	11,700	54.4	8,700 *	58.8	7,400 *
210	46.1	11,000	47.9	11,600	225	50.4	11,000	53.9	12,100	225	50.4	11,000	53.4	8,600 *	57.7	7,300 *
215	44.7	10,200	46.5	10,800	230	49.2	10,300	52.6	11,400	230	49.2	10,300	52.3	8,500 *	56.6	7,200 *
220	43.2	9,500	45.0	10,000	235	48.0	9,600	51.4	10,700	235	48.0	9,600	51.2	8,400 *	55.5	7,200 *
225	41.7	8,800	43.4	9,200	240	46.8	9,000	50.1	10,000	240	46.8	9,000	50.1	8,200 *	54.4	7,200 *
230	40.2	8,200	41.8	8,500	245	45.5	8,400	48.8	9,400	245	45.5	8,400	49.0	8,100 *	53.2	7,200 *
235	38.6	7,500	40.2	7,800	250	44.2	7,900	47.4	8,700	250	44.2	7,900	47.9	8,100 *	52.0	7,200 *
240	37.0	7,000	38.5	7,300	255	42.9	7,300	46.0	8,100	255	42.9	7,300	46.7	7,700 *	50.8	7,100 *
245	35.2	6,400	36.7	6,700	260	41.5	6,800	44.6	7,600	260	41.5	6,800	45.5	7,400 *	49.6	7,000 *
250	33.4	5,900	34.8	6,100	265	40.1	6,300	43.1	7,000	265	40.1	6,300	44.3	7,000 *	48.3	7,000 *
255	31.6	5,300	32.9	5,600	270	38.7	5,800	41.6	6,500	270	38.7	5,800	43.1	6,500 *	47.0	6,900 *
260			30.8	5,000	275	37.2	5,300	40.0	6,000	275	37.2	5,300	41.8	6,000 *	45.7	6,600 *
265					280	35.6	4,900	38.4	5,500	280	35.6	4,900	40.5	5,600	44.3	6,300 *
270					285	34.0	4,500	36.6	5,000	285	34.0	4,500	39.1	5,200	42.8	5,900 *
275					290	32.3	4,100	34.8	4,500	290	32.3	4,100	37.7	4,700	41.3	5,600
280					295	30.5	3,700	32.8	4,000	295	30.5	3,700	36.3	4,400	39.8	5,000
					300			30.8	3,600	300			34.7	3,900	38.2	4,700
					305					305			33.2	3,600	36.5	4,300
					310					310			31.5	3,400	34.7	3,800
					315					315					33.0	3,500