

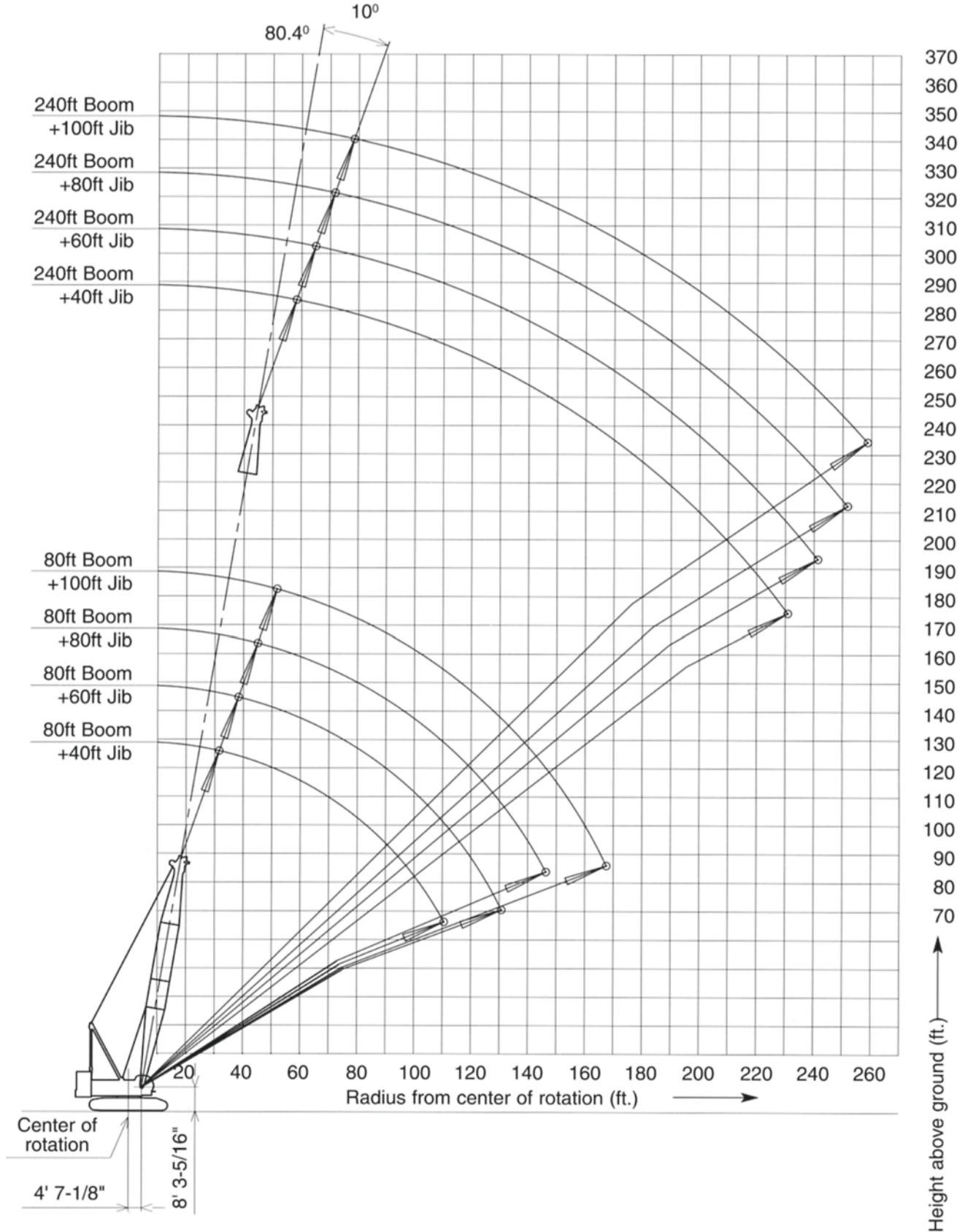


LIFTING CHARTS - Crawler Cranes

KOBELCO MODEL CK2000-II - 200 TON CAPACITY

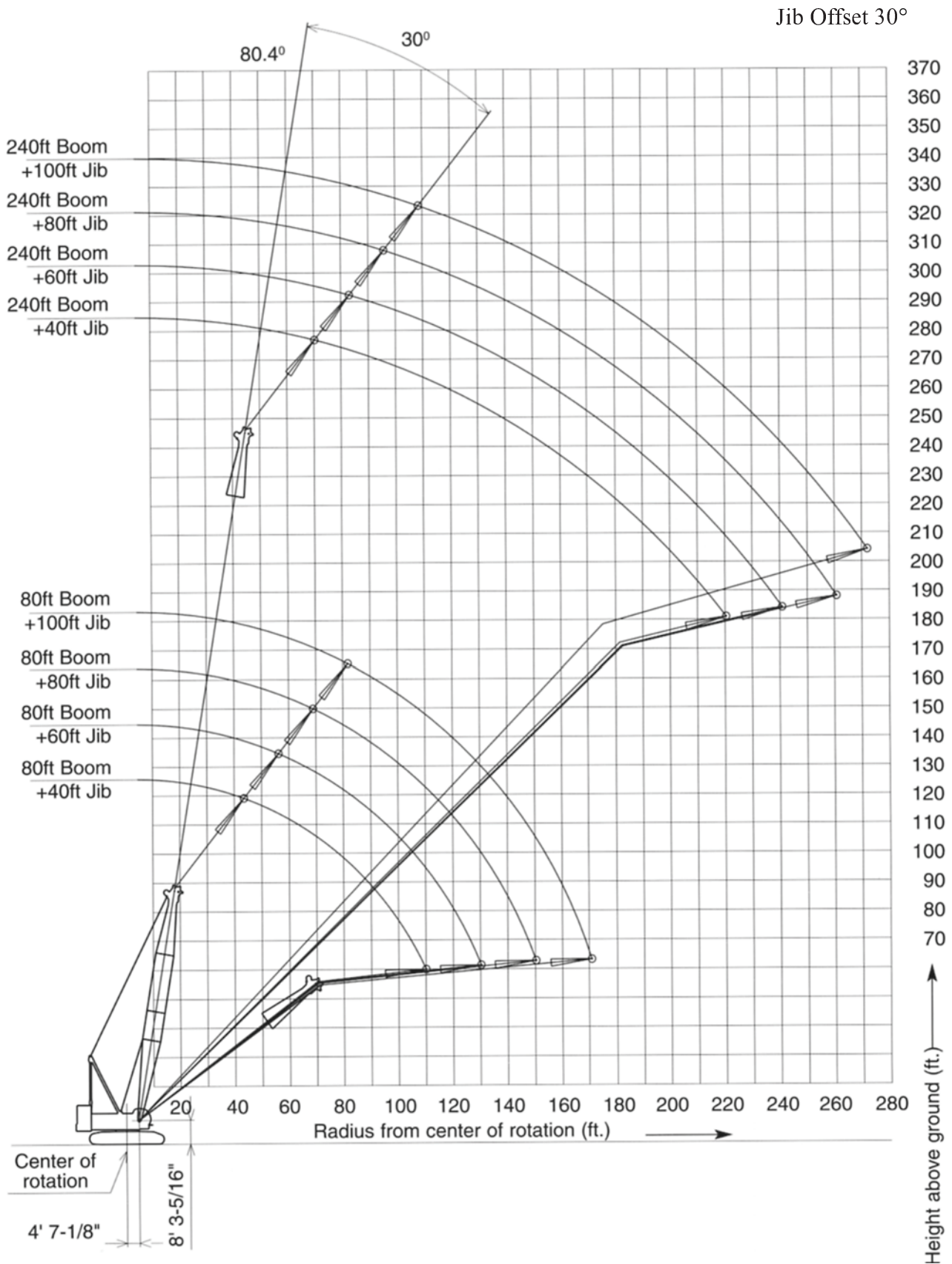
CK2000-II Jib Working Range

Jib Offset 10°



STERLING CRANE

CK2000-II Jib Working Range



STERLING CRANE

CK2000-II Jib Rated Loads in Pounds

Refer to notes page 11

11 Counterweights (132,280 lbs) + 2 Low Weights (22,050 lbs x 2)

80' Boom				60 ft Jib				80' Boom				100 ft Jib					
Load Radius (ft.)	40 ft Jib		30°		10°		30°		Load Radius (ft.)	80 ft Jib		30°		10°		30°	
	10°	Rated Load (lbs.)	Boom Angle (deg.)	Rated Load (lbs.)	Boom Angle (deg.)	Rated Load (lbs.)	Boom Angle (deg.)	Rated Load (lbs.)		10°	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.)		Boom Angle (deg.)	Rated Load (lbs.)	Boom Angle (deg.)	Rated Load (lbs.)	Boom Angle (deg.)	Rated Load (lbs.)	Boom Angle (deg.)	Rated Load (lbs.)
32	79.4	59,000 *							42	80.4	22,300 *						
34	78.5	59,000 *							44	79.7	22,100 *						
36	77.5	59,000 *			80.4	42,900 *			46	79.0	21,900 *			80.3	13,500 *		
38	76.5	59,000 *			79.6	42,600 *			48	78.3	21,800 *			79.6	13,400 *		
40	75.5	58,200 *			78.8	42,400 *			50	77.5	21,600 *			79.0	13,200 *		
42	74.6	56,400 *			77.9	42,100 *			55	75.6	21,200 *			77.3	12,900 *		
44	73.6	54,600 *	79.5	37,900	77.1	41,900 *			60	73.7	20,900 *			75.7	12,700 *		
46	72.6	51,000 *	78.5	37,900	76.3	41,600 *			65	71.8	20,500 *			74.0	12,400 *		
48	71.6	49,200 *	77.5	37,900	75.4	41,400 *			70	69.9	19,700 *	79.0	16,600 *	72.3	11,900 *		
50	70.6	47,000 *	76.4	36,200 *	74.6	40,500 *			75	67.9	19,000 *	76.8	16,200 *	70.5	11,400 *		
55	67.9	44,300 *	73.7	34,300 *	72.3	39,400 *	80.0	28,200 *	80	65.9	18,400 *	74.8	15,800 *	68.8	11,000 *	79.0	9,100 *
60	65.3	41,900 *	71.0	33,200 *	70.1	38,400 *	77.8	26,500 *	85	63.9	17,800 *	72.7	15,400 *	67.1	10,600 *	77.3	8,800 *
65	62.6	39,900 *	68.2	31,700 *	68.0	36,200 *	75.5	25,000 *	90	61.9	17,300 *	70.6	15,100 *	65.4	10,200 *	75.5	8,600 *
70	59.9	38,000 *	65.4	30,300 *	65.7	32,600 *	73.2	23,700 *	95	59.6	16,700 *	68.3	14,700 *	63.5	9,800 *	73.5	8,300 *
75	56.9	36,400 *	62.3	28,900 *	63.3	30,400 *	70.7	22,500 *	100	57.5	16,300 *	66.0	14,200 *	61.6	9,500 *	71.6	8,100 *
80	54.0	34,900 *	59.3	27,800 *	60.9	28,600 *	68.3	21,400 *	105	55.3	15,800 *	63.7	13,600 *	59.8	9,200 *	69.7	7,900 *
85	50.9	33,500 *	56.1	26,800 *	58.5	27,000 *	65.8	20,500 *	110	53.0	15,400 *	61.3	13,100 *	57.9	8,900 *	67.7	7,700 *
90	47.7	32,200 *	52.7	25,900 *	56.1	25,500 *	63.2	19,600 *	115	50.4	15,000 *	58.7	12,700 *	55.8	8,600 *	65.6	7,500 *
95	44.1	31,000 *	48.9	25,000 *	53.3	24,200 *	60.3	18,800 *	120	48.0	14,700 *	56.1	12,200 *	53.8	8,400 *	63.5	7,400 *
100	40.4	29,900 *	45.0	24,400 *	50.7	23,000 *	57.5	18,200 *	125	45.4	14,400 *	53.3	11,900 *	51.8	8,100 *	61.3	7,200 *
105	36.4	28,900 *	40.8	23,800 *	47.9	21,900 *	54.6	17,500 *	130	42.7	14,100 *	50.4	11,500 *	49.6	7,900 *	59.1	7,100 *
110	32.0	28,000 *	35.9	23,400 *	44.9	20,900 *	51.5	17,000 *	135	39.8	13,800 *	47.3	11,200 *	47.4	7,700 *	56.8	6,900 *
115					41.6	20,100 *	47.9	16,500 *	140	36.5	13,600 *	43.7	11,000 *	45.0	7,500 *	54.2	6,800 *
120					38.2	19,300 *	44.3	16,000 *	145	33.0	13,400 *	39.9	10,700 *	42.6	7,300 *	51.7	6,700 *
125					34.6	18,500 *	40.3	15,700 *	150			35.4	10,500 *	40.0	7,100 *	48.9	6,600 *
130					30.5	18,000 *	35.6	15,400 *	155					37.3	7,000 *	46.0	6,600 *
									160					34.2	6,900 *	42.6	6,500 *
									165					31.0	6,700 *	39.0	6,500 *
									170					34.9	6,500 *		

90' Boom				60 ft Jib				90' Boom				100 ft Jib					
Load Radius (ft.)	40 ft Jib		30°		10°		30°		Load Radius (ft.)	80 ft Jib		30°		10°		30°	
	10°	Rated Load (lbs.)	Boom Angle (deg.)	Rated Load (lbs.)	Boom Angle (deg.)	Rated Load (lbs.)	Boom Angle (deg.)	Rated Load (lbs.)		10°	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.)		Boom Angle (deg.)	Rated Load (lbs.)	Boom Angle (deg.)	Rated Load (lbs.)	Boom Angle (deg.)	Rated Load (lbs.)	Boom Angle (deg.)	Rated Load (lbs.)
32	80.2	59,000 *							44	80.3	22,200 *						
34	79.4	59,000 *							46	79.7	22,100 *						
36	78.5	59,000 *							48	79.0	21,900 *			80.2	13,500 *		
38	77.6	59,000 *			80.3	42,800 *			50	78.3	21,800 *			79.6	13,400 *		
40	76.7	55,000 *			79.5	42,600 *			55	76.5	21,400 *			78.0	13,100 *		
42	75.8	54,000 *			78.8	42,400 *			60	74.7	21,000 *			76.4	12,800 *		
44	74.9	53,000 *	80.4	37,900	78.0	42,200 *			65	73.0	20,700 *			74.9	12,500 *		
46	74.0	51,000 *	79.4	37,900	77.2	41,600 *			70	71.2	20,200 *	79.7	16,800 *	73.3	12,200 *		
48	73.1	50,000 *	78.5	37,900	76.4	41,300 *			75	69.3	19,500 *	77.7	16,400 *	71.6	11,700 *		
50	72.2	48,600 *	77.6	36,600 *	75.6	40,900 *			80	67.4	18,800 *	75.8	16,000 *	70.0	11,300 *	79.7	9,200 *
55	69.7	45,900 *	75.0	35,300 *	73.5	39,900 *			85	65.6	18,300 *	73.9	15,600 *	68.4	10,900 *	78.0	8,900 *
60	67.3	43,500 *	72.6	34,200 *	71.5	39,000 *	78.7	27,200 *	90	63.7	17,700 *	71.9	15,300 *	66.8	10,500 *	76.3	8,700 *
65	64.9	41,500 *	70.1	32,800 *	69.5	37,200 *	76.6	25,700 *	95	61.6	17,200 *	69.8	15,000 *	65.0	10,100 *	74.5	8,400 *
70	62.5	39,600 *	67.6	31,300 *	67.5	34,600 *	74.5	24,400 *	100	59.7	16,700 *	67.8	14,600 *	63.3	9,800 *	72.7	8,200 *
75	59.8	38,000 *	64.8	30,000 *	65.2	32,400 *	72.2	23,200 *	105	57.7	16,300 *	65.7	14,000 *	61.6	9,500 *	71.0	8,000 *
80	57.2	36,500 *	62.2	28,800 *	63.1	30,400 *	70.0	22,100 *	110	55.6	15,900 *	63.5	13,600 *	59.8	9,200 *	69.2	7,800 *
85	54.5	35,100 *	59.4	27,800 *	60.9	28,700 *	67.7	21,200 *	115	53.3	15,500 *	61.1	13,100 *	57.9	8,900 *	67.2	7,600 *
90	51.7	33,800 *	56.5	26,900 *	58.7	27,100 *	65.4	20,300 *	120	51.1	15,100 *	58.8	12,700 *	56.1	8,600 *	65.3	7,500 *
95	48.6	32,600 *	53.3	25,900 *	56.2	25,800 *	62.8	19,500 *	125	48.8	14,800 *	56.4	12,300 *	54.2	8,400 *	63.3	7,300 *
100	45.6	31,500 *	50.0	25,200 *	53.8	24,500 *	60.3	18,800 *	130	46.4	14,500 *	53.9	11,900 *	52.3	8,200 *	61.3	7,200 *
105	42.3	30,500 *	46.6	24,600 *	51.4	23,400 *	57.8	18,200 *	135	44.0	14,200 *	51.2	11,600 *	50.3	7,900 *	59.2	7,100 *
110	38.8	29,600 *	42.9	24,000 *	48.8	22,300 *	55.1	17,600 *	140	41.2	13,900 *	48.2	11,300 *	48.1	7,700 *	56.9	6,900 *
115	34.8	28,500 *			46.0	21,400 *	52.1	17,100 *	145	38.3	13,700 *	45.2	11,000 *	46.0	7,600 *	54.7	6,800 *
120	30.5	27,500 *			43.1	20,600 *	49.1	16,600 *	150	35.3	13,500 *	41.9	10,800 *	43.7	7,400 *	52.3	6,700 *
125					40.1	19,800 *	45.9	16,200 *	155					41.4	7,200 *	49.8	6,700 *
130					36.9	19,100 *	42.4	15,900 *	160					38.8	7,100 *	47.0	6,600 *
135					33.4	18,500 *			165					36.1	6,900 *	44.1	6,500 *
140					29.2	17,900 *			170					33.3	6,800 *	41.0	6,500 *

STERLING CRANE

CK2000-II Jib Rated Loads in Pounds

Refer to notes page 11

11 Counterweights (132,280 lbs) + 2 Low Weights (22,050 lbs x 2)

100' Boom					60 ft Jib				100' 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.)
34	80.1	59,000 *							46	80.2	22,200 *						
36	79.3	58,200							48	79.6	22,000 *						
38	78.5	57,400							50	79.0	21,900 *			80.1	13,400 *		
40	77.7	56,600			80.2	42,800 *			55	77.2	21,500 *			78.6	13,100 *		
42	76.8	55,500			79.5	42,600 *			60	75.6	21,200 *			77.1	12,900 *		
44	76.0	54,400 *			78.7	42,400 *			65	74.0	20,900 *			75.7	12,600 *		
46	75.2	52,200 *	80.2	37,900	78.0	42,100 *			70	72.3	20,600 *	80.3	16,900 *	74.2	12,400 *		
48	74.3	51,200 *	79.4	37,900	77.3	41,900 *			75	70.5	19,900 *	78.5	16,500 *	72.6	12,000 *		
50	73.5	50,200 *	78.5	37,100	76.6	41,300 *			80	68.8	19,300 *	76.7	16,100 *	71.1	11,600 *	80.3	9,300 *
55	71.2	47,600 *	76.2	35,900 *	74.6	40,300 *			85	67.1	18,700 *	74.9	15,800 *	69.6	11,200 *	78.7	9,000 *
60	69.0	45,200 *	74.0	34,800 *	72.8	39,400 *	79.5	27,800 *	90	65.3	18,200 *	73.1	15,500 *	68.0	10,800 *	77.1	8,800 *
65	66.9	43,100 *	71.7	33,800 *	70.9	38,600 *	77.5	26,300 *	95	63.4	17,600 *	71.1	15,100 *	66.4	10,400 *	75.4	8,600 *
70	64.6	41,200 *	69.4	32,300 *	69.0	36,300 *	75.6	25,000 *	100	61.6	17,200 *	69.2	14,900 *	64.8	10,100 *	73.7	8,300 *
75	62.2	39,500 *	66.9	31,000 *	66.9	34,000 *	73.4	23,800 *	105	59.7	16,700 *	67.3	14,400 *	63.2	9,700 *	72.1	8,100 *
80	59.8	37,900 *	64.5	29,800 *	64.9	31,900 *	71.4	22,800 *	110	57.8	16,300 *	65.3	14,000 *	61.5	9,400 *	70.4	8,000 *
85	57.4	36,600 *	62.0	28,700 *	62.9	30,200 *	69.3	21,800 *	115	55.8	15,900 *	63.2	13,500 *	59.8	9,100 *	68.6	7,800 *
90	55.0	35,300 *	59.5	27,800 *	60.9	28,500 *	67.2	21,000 *	120	53.8	15,500 *	61.1	13,100 *	58.1	8,900 *	66.8	7,600 *
95	52.2	34,100 *	56.6	26,900 *	58.6	27,100 *	64.9	20,200 *	125	51.7	15,200 *	58.9	12,700 *	56.3	8,600 *	65.0	7,500 *
100	49.6	33,000 *	53.9	26,100 *	56.5	25,800 *	62.7	19,500 *	130	49.6	14,900 *	56.7	12,300 *	54.5	8,400 *	63.1	7,300 *
105	46.8	31,900 *	51.0	25,400 *	54.3	24,600 *	60.4	18,800 *	135	47.4	14,600 *	54.4	12,000 *	52.7	8,200 *	61.3	7,200 *
110	43.8	30,900	47.9	24,800 *	52.0	23,500 *	58.0	18,200 *	140	44.9	14,300 *	51.8	11,700 *	50.7	8,000 *	59.2	7,100 *
115	40.5	30,000	44.4	24,200 *	49.5	22,500 *	55.3	17,700 *	145	42.5	14,000 *	49.2	11,400 *	48.8	7,800 *	57.1	6,900 *
120	37.2	29,100	40.8	23,700 *	47.0	21,700 *	52.7	17,200 *	150	39.9	13,800 *	46.4	11,100 *	46.8	7,600 *	55.0	6,800 *
125	33.5	28,000			44.4	20,900 *	50.0	16,700 *	155	37.2	13,600 *	43.5	10,900 *	44.7	7,500 *	52.8	6,700 *
130	29.4	27,000			41.7	20,100 *	47.1	16,300 *	160	34.1	13,400 *	40.0	10,700 *	42.4	7,300 *	50.4	6,700 *
135					38.8	19,400 *	44.0	16,000 *	165					40.1	7,100 *	48.0	6,600 *
140					35.5	18,800 *	40.4	15,700 *	170					37.7	7,000 *	45.4	6,500 *
									175					35.2	6,900 *	42.6	6,500 *
									180					32.2	6,700 *	39.3	6,400 *

110' Boom					60 ft Jib				110' 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.)
36	80.0	59,000 *							48	80.2	22,200 *						
38	79.3	58,400							50	79.6	22,000 *						
40	78.5	57,800							55	77.9	21,600 *			79.1	13,200 *		
42	77.7	56,700			80.1	42,700 *			60	76.4	21,300 *			77.8	13,000 *		
44	77.0	55,600			79.4	42,500 *			65	74.8	21,000 *			76.4	12,700 *		
46	76.2	53,600			78.7	42,100 *			70	73.3	20,700 *			75.0	12,500 *		
48	75.4	52,600 *	80.1	37,900	78.1	41,800 *			75	71.6	20,300 *	79.1	16,600	73.5	12,300 *		
50	74.6	51,600 *	79.3	37,500	77.4	41,600 *			80	70.0	19,700 *	77.5	16,300 *	72.0	11,800 *		
55	72.5	49,000 *	77.2	36,400	75.5	40,700 *			85	68.4	19,100 *	75.8	15,900 *	70.6	11,400 *	79.3	9,100 *
60	70.5	46,700 *	75.1	35,300 *	73.8	39,900 *	80.1	28,300 *	90	66.7	18,600 *	74.1	15,600 *	69.1	11,000 *	77.8	8,900 *
65	68.5	44,600 *	73.1	34,400 *	72.1	39,000 *	78.3	26,900 *	95	64.9	18,000 *	72.3	15,300 *	67.6	10,600 *	76.2	8,600 *
70	66.4	42,700 *	71.0	33,200 *	70.3	37,900 *	76.5	25,600 *	100	63.2	17,600 *	70.5	15,000 *	66.1	10,300 *	74.6	8,400 *
75	64.2	41,000 *	68.7	31,900 *	68.4	35,600 *	74.5	24,400 *	105	61.5	17,100 *	68.7	14,800 *	64.6	10,000 *	73.1	8,200 *
80	62.1	39,400 *	66.5	30,700 *	66.5	33,500 *	72.6	23,400 *	110	59.8	16,700 *	66.9	14,300 *	63.0	9,700 *	71.5	8,100 *
85	59.9	37,900	64.2	29,600 *	64.7	31,600 *	70.7	22,400 *	115	57.9	16,300 *	64.9	13,800 *	61.4	9,400 *	69.8	7,900 *
90	57.7	36,600	61.9	28,700 *	62.8	29,900 *	68.8	21,600 *	120	56.0	15,900 *	63.0	13,400 *	59.8	9,100 *	68.1	7,700 *
95	55.2	35,400	59.4	27,700 *	60.7	28,500 *	66.7	20,800 *	125	54.1	15,600 *	61.1	13,000 *	58.2	8,900 *	66.5	7,600 *
100	52.8	34,300	56.9	26,900 *	58.8	27,100 *	64.6	20,100 *	130	52.2	15,300 *	59.0	12,700 *	56.5	8,700 *	64.8	7,400 *
105	50.4	33,300	54.4	26,200 *	56.7	25,900 *	62.5	19,400 *	135	50.2	15,000 *	56.9	12,300 *	54.9	8,400 *	63.0	7,300 *
110	47.8	32,300	51.7	25,500 *	54.7	24,700 *	60.4	18,800 *	140	48.0	14,700 *	54.6	12,000 *	53.0	8,200 *	61.1	7,200 *
115	45.0	30,900	48.8	24,900 *	52.4	23,700 *	58.0	18,200 *	145	45.9	14,400 *	52.4	11,700 *	51.2	8,000 *	59.2	7,100 *
120	42.1	29,500	45.8	24,400 *	50.2	22,800 *	55.7	17,700 *	150	43.6	14,200 *	50.0	11,400 *	49.4	7,800 *	57.3	6,900 *
125	39.1	27,900			47.9	21,900 *	53.3	17,300 *	155	41.3	13,900 *	47.5	11,200 *	47.6	7,700 *	55.4	6,800 *
130	35.9	26,500			45.5	21,100 *	50.8	16,800 *	160	38.7	13,700 *	44.6	11,000 *	45.5	7,500 *	53.2	6,700 *
135					43.1	20,400 *	48.2	16,500 *	165	36.0	13,500 *			43.5	7,300 *	51.0	6,700 *
140					40.3	19,700 *	45.2	16,100 *	170	33.2	13,400 *			41.4	7,200 *	48.8	6,600 *
145					37.5	19,100 *			175					39.1	7,100 *	46.4	6,500 *
150					34.4	18,600 *			180					36.6	6,900 *	43.7	6,500 *
									185					34.2	6,800 *		
									190					31.5	6,700 *		

STERLING CRANE

CK2000-II Jib Rated Loads in Pounds

Refer to notes page 11

11 Counterweights (132,280 lbs) + 2 Low Weights (22,050 lbs x 2)

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.)
38	79.9	59,000 *						50	80.1	22,100 *							
40	79.2	59,000 *						55	78.5	21,800 *				79.6	13,300 *		
42	78.5	59,000 *						60	77.1	21,500 *				78.3	13,100 *		
44	77.8	59,000 *						65	75.6	21,200 *				77.0	12,800 *		
46	77.1	55,000 *						70	74.1	20,900 *				75.7	12,600 *		
48	76.3	54,100 *						75	72.5	20,600 *			79.7	16,800 *	74.2	12,400 *	
50	75.6	53,100 *						80	71.0	20,100 *			78.2	16,400 *	72.9	12,100 *	
55	73.6	50,400 *						85	69.5	19,500 *			76.6	16,100 *	71.5	11,700 *	
60	71.8	48,000 *						90	68.0	19,000 *			75.0	15,800 *	70.1	11,300 *	
65	69.9	45,900 *						95	66.3	18,400 *			73.3	15,500 *	68.7	10,900 *	
70	68.0	44,000 *						100	64.7	18,000 *			71.7	15,200 *	67.3	10,600 *	
75	65.9	42,200 *						105	63.1	17,500 *			70.0	14,900 *	65.8	10,200 *	
80	64.0	40,700 *						110	61.5	17,100 *			68.3	14,700 *	64.4	9,900 *	
85	62.0	39,200 *						115	59.7	16,700 *			66.5	14,200 *	62.8	9,600 *	
90	59.9	37,900 *						120	58.0	16,300 *			64.7	13,800 *	61.3	9,400 *	
95	57.7	36,750 *						125	56.3	16,000 *			62.9	13,400 *	59.8	9,100 *	
100	55.5	35,600 *						130	54.5	15,600 *			61.0	13,000 *	58.3	8,900 *	
105	53.3	34,250 *						135	52.7	15,300 *			59.1	12,700 *	56.7	8,700 *	
110	51.1	32,900 *						140	50.7	15,000 *			57.0	12,300 *	55.0	8,400 *	
115	48.5	30,800 *						145	48.7	14,700 *			55.0	12,000 *	53.4	8,200 *	
120	46.1	29,100 *						150	46.7	14,500 *			52.9	11,800 *	51.7	8,100 *	
125	43.5	27,600 *						155	44.6	14,200 *			50.7	11,500 *	50.0	7,900 *	
130	40.8	26,100 *						160	42.3	14,000 *			48.2	11,300 *	48.1	7,700 *	
135	37.9	24,800 *						165	40.1	13,800 *			45.8	11,000 *	46.3	7,500 *	
140	34.6	23,500 *						170	37.7	13,600 *			43.2	10,900 *	44.4	7,400 *	
145								175	35.1	13,400 *					42.4	7,300 *	
150								180	32.1	13,300 *					40.2	7,100 *	
155								185							38.1	7,000 *	
160								190							35.8	6,900 *	
								195							33.4	6,800 *	
								200							30.6	6,700 *	

130' Boom									130' 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	79.9	59,000 *						55	79.1	21,900 *				80.1	13,400 *		
42	79.2	58,400 *						60	77.7	21,600 *				78.8	13,100 *		
44	78.5	57,800 *						65	76.3	21,300 *				77.6	12,900 *		
46	77.8	56,200 *						70	74.9	21,000 *				76.3	12,700 *		
48	77.2	55,300 *						75	73.4	20,700 *			80.3	16,900 *	74.9	12,500 *	
50	76.5	54,300 *						80	72.0	20,400 *			78.8	16,500 *	73.7	12,300 *	
55	74.6	51,800 *						85	70.5	19,900 *			77.3	16,200 *	72.4	11,900 *	
60	72.9	49,400 *						90	69.1	19,300 *			75.8	15,900 *	71.1	11,500 *	
65	71.1	47,200 *						95	67.5	18,800 *			74.2	15,600 *	69.6	11,100 *	
70	69.4	45,300 *						100	66.0	18,300 *			72.6	15,300 *	68.3	10,800 *	
75	67.5	43,500 *						105	64.5	17,900 *			71.1	15,100 *	67.0	10,500 *	
80	65.6	42,000 *						110	63.0	17,500 *			69.5	14,900 *	65.6	10,200 *	
85	63.8	40,500 *						115	61.3	17,000 *			67.8	14,500 *	64.1	9,900 *	
90	61.9	39,200 *						120	59.7	16,700 *			66.1	14,100 *	62.7	9,600 *	
95	59.8	37,900 *						125	58.1	16,300 *			64.5	13,700 *	61.3	9,300 *	
100	57.9	36,700 *						130	56.5	16,000 *			62.8	13,300 *	59.9	9,100 *	
105	55.8	34,600 *						135	54.8	15,700 *			61.0	13,000 *	58.4	8,900 *	
110	53.8	32,500 *						140	52.9	15,400 *			59.1	12,600 *	56.8	8,700 *	
115	51.5	30,500 *						145	51.2	15,100 *			57.2	12,300 *	55.3	8,500 *	
120	49.3	28,700 *						150	49.4	14,800 *			55.3	12,100 *	53.7	8,300 *	
125	47.0	27,200 *						155	47.5	14,600 *			53.3	11,800 *	52.1	8,100 *	
130	44.7	25,700 *						160	45.4	14,300 *			51.2	11,500 *	50.4	7,900 *	
135	42.2	24,400 *						165	43.4	14,100 *			49.0	11,300 *	48.7	7,700 *	
140	39.4	23,100 *						170	41.3	13,900 *			46.8	11,100 *	47.0	7,600 *	
145	36.6	21,900 *						175	39.0	13,700 *			44.4	10,900 *	45.2	7,500 *	
150	33.6	20,900 *						180	36.5	13,500 *			41.7	10,800 *	43.2	7,300 *	
155								185	34.0	13,400 *					41.3	7,200 *	
160								190	31.3	13,200 *					39.3	7,100 *	
165								195							37.2	6,900 *	
170								200							34.8	6,800 *	
								205							32.5	6,700 *	
								210							29.9	6,700 *	

STERLING CRANE

CK2000-II Jib Rated Loads in Pounds

Refer to notes page 11

11 Counterweights (132,280 lbs) + 2 Low Weights (22,050 lbs x 2)

140' Boom									140' 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	80.4	59,000 *							55	79.6	22,000 *						
42	79.8	58,800							60	78.3	21,700 *			79.3	13,200 *		
44	79.2	58,600							65	77.0	21,400 *			78.1	13,000 *		
46	78.5	57,400							70	75.6	21,100 *			76.9	12,800 *		
48	77.9	56,400							75	74.2	20,900 *			75.6	12,600 *		
50	77.2	55,400							80	72.8	20,600 *	79.3	16,600 *	74.4	12,400 *		
55	75.5	53,000 *	79.4	37,600	77.8	41,600 *			85	71.5	20,200 *	77.9	16,300 *	73.1	12,100 *		
60	73.9	50,600 *	77.8	36,600	76.3	40,900 *			90	70.1	19,700 *	76.5	16,000 *	71.9	11,700 *	79.5	9,100 *
65	72.2	48,500 *	76.1	35,700 *	74.8	40,100 *	80.2	28,300 *	95	68.6	19,200 *	75.0	15,700 *	70.5	11,400 *	78.1	8,900 *
70	70.6	46,600 *	74.4	34,900 *	73.4	39,400 *	78.7	27,100 *	100	67.2	18,700 *	73.5	15,500 *	69.3	11,000 *	76.8	8,700 *
75	68.8	44,800	72.6	34,100 *	71.8	38,700 *	77.0	25,900 *	105	65.8	18,200 *	72.1	15,200 *	68.0	10,700 *	75.4	8,500 *
80	67.1	43,200	70.8	33,100 *	70.3	37,700 *	75.5	24,900 *	110	64.3	17,800 *	70.6	15,000 *	66.7	10,400 *	74.1	8,300 *
85	65.3	41,700	69.1	32,000 *	68.7	35,700 *	73.9	24,000 *	115	62.8	17,400 *	69.0	14,800 *	65.3	10,100 *	72.7	8,200 *
90	63.6	40,300	67.3	31,000 *	67.2	33,900 *	72.3	23,200 *	120	61.3	17,000 *	67.4	14,400 *	64.0	9,800 *	71.3	8,000 *
95	61.7	38,400	65.3	30,000 *	65.5	32,300 *	70.6	22,400 *	125	59.8	16,700 *	65.9	14,000 *	62.6	9,600 *	69.9	7,800 *
100	59.9	36,500	63.4	29,200 *	63.9	30,700 *	69.0	21,600 *	130	58.2	16,300 *	64.3	13,600 *	61.3	9,300 *	68.5	7,700 *
105	58.0	34,100	61.5	28,400 *	62.3	29,400 *	67.3	21,000 *	135	56.7	16,000 *	62.6	13,300 *	59.9	9,100 *	67.1	7,600 *
110	56.1	32,000	59.6	27,700 *	60.7	28,100 *	65.7	20,300 *	140	55.0	15,700 *	60.9	12,900 *	58.4	8,900 *	65.5	7,500 *
115	54.0	30,000	57.5	27,000 *	58.9	27,000 *	63.8	19,800 *	145	53.3	15,400 *	59.2	12,600 *	57.0	8,700 *	64.1	7,300 *
120	52.0	28,300	55.4	26,400 *	57.2	26,000 *	62.1	19,200 *	150	51.6	15,100 *	57.4	12,300 *	55.5	8,500 *	62.5	7,200 *
125	50.0	26,700	53.3	25,800 *	55.5	25,000 *	60.3	18,700 *	155	49.9	14,900 *	55.6	12,100 *	54.0	8,300 *	61.0	7,100 *
130	47.9	25,200	51.1	25,300 *	53.7	24,100 *	58.4	18,300 *	160	48.0	14,600 *	53.6	11,800 *	52.4	8,100 *	59.3	7,000 *
135	45.7	23,900	48.8	24,300	51.9	23,300	56.5	17,900 *	165	46.2	14,400 *	51.7	11,600 *	50.9	7,900 *	57.7	6,900 *
140	43.2	22,600	46.2	22,900	49.9	22,500	54.5	17,400 *	170	44.3	14,200 *	49.7	11,400 *	49.3	7,800 *	56.0	6,800 *
145	40.8	21,500	43.7	21,800	48.0	21,700	52.4	17,100 *	175	42.3	14,000 *	47.6	11,200 *	47.6	7,600 *	54.3	6,700 *
150	38.3	20,400	41.0	20,700	46.0	20,900	50.3	16,700 *	180	40.1	13,800 *	45.3	11,000 *	45.8	7,500 *	52.4	6,700 *
155	35.5	19,400			43.9	19,900	48.2	16,400 *	185	38.0	13,600 *	42.9	10,800 *	44.1	7,300 *	50.6	6,600 *
160	32.4	18,500			41.6	18,900	45.7	16,100 *	190	35.7	13,500 *	40.4	10,700 *	42.3	7,200 *	48.7	6,500 *
165					39.3	18,000	43.3	15,900 *	195	33.3	13,300 *			40.4	7,100 *	46.7	6,500 *
170					36.9	17,200	40.7	15,700 *	200	30.5	13,200 *			38.3	7,000 *	44.5	6,500 *
175					34.3	16,400			205					36.3	6,900 *	42.2	6,400 *
180					31.4	15,700			210					34.1	6,800 *	39.9	6,400 *
									215					31.8	6,700 *		
									220					29.1	6,600 *		

150' Boom									150' 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.)
42	80.3	59,000 *							55	80.1	22,100 *						
44	79.7	59,000 *							60	78.8	21,800 *			79.8	13,300 *		
46	79.1	58,200							65	77.5	21,500 *			78.6	13,100 *		
48	78.5	57,400							70	76.3	21,200 *			77.4	12,900 *		
50	77.9	56,600							75	74.9	21,000 *			76.2	12,700 *		
55	76.3	54,000 *	80.0	37,900	78.4	41,900 *			80	73.6	20,700 *	79.8	16,700 *	75.0	12,500 *		
60	74.8	51,800 *	78.4	37,000	77.0	41,100 *			85	72.3	20,500 *	78.5	16,400 *	73.8	12,300 *		
65	73.2	49,600 *	76.9	36,100 *	75.6	40,400 *			90	71.0	20,000 *	77.2	16,200 *	72.6	11,900 *	79.9	9,100 *
70	71.6	47,700 *	75.3	35,300 *	74.2	39,700 *	79.3	27,500 *	95	69.6	19,500 *	75.7	15,900 *	71.4	11,600 *	78.6	8,900 *
75	70.0	45,900	73.6	34,500 *	72.7	39,000 *	77.7	26,300 *	100	68.3	19,000 *	74.3	15,600 *	70.1	11,200 *	77.3	8,700 *
80	68.4	44,300	71.9	33,800 *	71.2	38,400 *	76.2	25,400 *	105	66.9	18,600 *	72.9	15,400 *	68.9	10,900 *	76.1	8,600 *
85	66.7	42,800	70.3	32,700 *	69.8	37,000 *	74.8	24,500 *	110	65.5	18,200 *	71.5	15,100 *	67.7	10,600 *	74.8	8,400 *
90	65.1	41,400	68.6	31,700 *	68.4	35,100 *	73.3	23,600 *	115	64.1	17,700 *	70.0	14,900 *	66.4	10,300 *	73.5	8,200 *
95	63.3	38,700	66.8	30,700 *	66.8	33,500 *	71.7	22,800 *	120	62.7	17,400 *	68.6	14,700 *	65.1	10,000 *	72.2	8,100 *
100	61.6	36,100	65.0	29,900 *	65.3	31,900 *	70.1	22,100 *	125	61.2	17,000 *	67.1	14,300 *	63.8	9,800 *	70.8	7,900 *
105	59.9	33,800	63.3	29,100 *	63.8	30,550 *	68.6	21,400 *	130	59.8	16,700 *	65.6	13,900 *	62.5	9,500 *	69.5	7,800 *
110	58.2	31,700	61.5	28,400 *	62.2	29,200 *	67.0	20,800 *	135	58.3	16,300 *	64.1	13,600 *	61.2	9,300 *	68.2	7,700 *
115	56.2	29,600	59.5	27,600 *	60.6	28,100 *	65.3	20,200 *	140	56.7	16,000 *	62.4	13,200 *	59.8	9,100 *	66.7	7,500 *
120	54.4	27,900	57.6	27,000 *	59.0	27,000	63.7	19,700 *	145	55.2	15,700 *	60.8	12,900 *	58.5	8,900 *	65.3	7,400 *
125	52.5	26,300	55.7	26,400 *	57.4	26,000	62.0	19,200 *	150	53.7	15,500 *	59.2	12,600 *	57.1	8,700 *	63.9	7,300 *
130	50.6	24,900	53.7	25,400	55.7	25,100	60.3	18,700 *	155	52.1	15,200 *	57.6	12,300 *	55.7	8,500 *	62.5	7,200 *
135	48.6	23,500	51.7	24,000	54.1	23,900	58.5	18,300 *	160	50.3	14,900 *	55.7	12,100 *	54.2	8,300 *	60.9	7,100 *
140	46.4	22,200	49.4	22,600	52.2	22,700	56.6	17,900 *	165	48.6	14,700 *	54.0	11,800 *	52.8	8,100 *	59.4	7,000 *
145	44.3	21,100	47.2	21,500	50.4	21,600	54.8	17,500 *	170	46.9	14,500 *	52.2	11,600 *	51.3	8,000 *	57.8	6,900 *
150	42.0	20,000	44.8	20,300	48.6	20,500	52.9	17,100 *	175	45.1	14,300 *	50.3	11,400 *	49.8	7,800 *	56.3	6,800 *
155	39.7	19,000	42.4	19,300	46.8	19,500	50.9	16,800 *	180	43.2	14,100 *	48.2	11,200 *	48.1	7,700 *	54.5	6,700 *
160	37.1	18,100	39.6	18,300	44.7	18,500	48.8	16,500 *	185	41.2	13,900 *	46.2	11,000 *	46.5	7,500 *	52.9	6,700 *
165	34.4	17,200			42.7	17,700	46.6	16,200 *	190	39.2	13,700 *	44.0	10,900 *	44.9	7,400 *	51.1	6,600 *
170	31.6	16,400			40.5	16,800	44.4	16,000 *	195	37.1	13,600 *			43.2	7,300 *	49.3	6,600 *
175					38.3	16,100	42.1	15,800 *	200	34.8	13,300 *			41.3	7,100 *	47.3	6,500 *
180					35.8	15,300	39.4	15,500 *	205	32.4	12,800			39.5	7,000 *	45.4	6,500 *
185					33.3	14,700			210	29.8	12,300			37.5	6,900 *	43.3	6,400 *
190					30.6	14,000			215					35.5	6,800 *		
									220					33.3	6,700 *		

STERLING CRANE

CK2000-II Jib Rated Loads in Pounds

Refer to notes page 11

11 Counterweights (132,280 lbs) + 2 Low Weights (22,050 lbs x 2)

180' Boom				60 ft Jib				180' 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.)						
48	80.1	59,000 *			60	80.1	22,000 *								
50	79.6	59,000 *			65	79.0	21,800 *			79.8	13,200 *				
55	78.2	57,100			70	77.9	21,500 *			78.8	13,100 *				
60	76.9	54,800	80.1	37,900	75	76.7	21,300 *			77.7	12,900 *				
65	75.6	52,800 *	78.7	37,100	80	75.6	21,100 *			76.7	12,700 *				
70	74.2	50,800 *	77.4	36,400	85	74.4	20,800 *	79.9	16,700 *	75.6	12,500 *				
75	72.8	49,100 *	75.9	35,600 *	90	73.3	20,600 *	78.8	16,400 *	74.6	12,300 *				
80	71.4	47,400	74.6	35,000 *	95	72.1	20,400 *	77.5	16,200 *	73.4	12,100 *	79.9	9,100 *		
85	70.1	44,000	73.2	34,300 *	100	70.9	19,900 *	76.3	15,900 *	72.4	11,800 *	78.8	8,900 *		
90	68.7	40,700	71.8	33,600 *	105	69.7	19,500 *	75.1	15,700 *	71.3	11,500 *	77.7	8,800 *		
95	67.2	37,500	70.3	32,600 *	110	68.6	19,100 *	73.9	15,500 *	70.2	11,200 *	76.6	8,600 *		
100	65.8	34,900	68.8	31,700 *	115	67.3	18,700 *	72.6	15,300 *	69.1	10,900 *	75.4	8,400 *		
105	64.4	32,600	67.4	30,900 *	120	66.1	18,300 *	71.4	15,100 *	68.0	10,600 *	74.3	8,300 *		
110	62.9	30,400	65.9	30,200 *	125	64.9	17,900 *	70.1	14,900 *	66.9	10,400 *	73.2	8,100 *		
115	61.4	28,400	64.3	29,300	130	63.7	17,600 *	68.9	14,700 *	65.7	10,100 *	72.0	8,000 *		
120	59.9	26,700	62.8	27,500	135	62.4	17,300 *	67.6	14,400 *	64.6	9,900 *	70.8	7,900 *		
125	58.4	25,100	61.2	25,800	140	61.1	16,900 *	66.2	14,000 *	63.4	9,700 *	69.6	7,800 *		
130	56.8	23,600	59.7	24,300	145	59.8	16,600 *	64.9	13,700 *	62.2	9,500 *	68.4	7,600 *		
135	55.3	22,300	58.1	22,900	150	58.5	16,300 *	63.5	13,400 *	61.1	9,200 *	67.2	7,500 *		
140	53.6	21,000	56.3	21,500	155	57.2	16,100 *	62.2	13,100 *	59.9	9,100 *	66.0	7,400 *		
145	51.9	19,800	54.6	20,400	160	55.8	15,800 *	60.7	12,800 *	58.6	8,900 *	64.7	7,300 *		
150	50.3	18,800	52.9	19,300	165	54.4	15,500 *	59.3	12,600 *	57.4	8,700 *	63.4	7,200 *		
155	48.5	17,800	51.1	18,200	170	53.0	15,300 *	57.9	12,300 *	56.2	8,500 *	62.1	7,100 *		
160	46.7	16,800	49.2	17,200	175	51.6	15,100 *	56.4	12,100 *	54.9	8,400 *	60.8	7,100 *		
165	44.8	15,900	47.3	16,300	180	50.1	14,700	54.8	11,900 *	53.6	8,200 *	59.4	7,000 *		
170	42.9	15,100	45.4	15,500	185	48.6	14,000	53.2	11,700 *	52.3	8,000 *	58.1	6,900 *		
175	41.0	14,400	43.3	14,700	190	47.1	13,400	51.6	11,500 *	50.9	7,900 *	56.7	6,800 *		
180	38.8	13,600	41.0	13,900	195	45.5	12,800	50.0	11,400 *	49.6	7,800 *	55.3	6,700 *		
185	36.6	12,900			200	43.8	12,100	48.2	11,200 *	48.1	7,600 *	53.8	6,700 *		
190	34.3	12,300			205	42.1	11,600	46.4	11,000 *	46.7	7,500 *	52.3	6,600 *		
195					210	40.4	11,100	44.6	10,900 *	45.2	7,400 *	50.7	6,600 *		
200					215	38.6	10,600	42.7	10,800 *	43.7	7,300 *	49.2	6,500 *		
205					220	36.6	10,100	40.6	10,500	42.1	7,200 *	47.4	6,500 *		
210					225	34.6	9,600			40.5	7,100 *	45.8	6,400 *		
					230	32.5	9,200			38.9	7,000 *	44.0	6,400 *		
					235					37.1	6,900 *	42.2	6,400 *		
					240					35.2	6,800 *	40.1	6,400 *		
					245					33.3	6,700 *				
					250					31.3	6,700 *				

STERLING CRANE

CK2000-II Jib Rated Loads in Pounds

Refer to notes page 11

11 Counterweights (132,280 lbs) + 2 Low Weights (22,050 lbs x 2)

190' Boom				60 ft Jib				190' Boom				100 ft Jib					
Load Radius (ft.)	40 ft Jib		30°		10°		30°		Load Radius (ft.)	80 ft Jib		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	80.0	59,000 *								65	79.4	21,800 *			80.2	13,300 *
55	78.7	58,000			80.2	42,500			70	78.4	21,600 *			79.2	13,100 *		
60	77.5	55,800			79.1	42,000 *			75	77.2	21,400 *			78.1	12,900 *		
65	76.2	53,700	79.3	37,400	77.9	41,400 *			80	76.1	21,100 *			77.1	12,700 *		
70	74.9	51,800	78.0	36,600	76.8	40,800 *			85	75.0	20,900 *	80.3	16,800 *	76.1	12,600 *		
75	73.6	50,000	76.6	35,900 *	75.5	40,200 *	79.8	27,800 *	90	73.9	20,700 *	79.2	16,500 *	75.1	12,400 *		
80	72.3	47,500	75.3	35,300 *	74.4	39,600 *	78.6	26,900 *	95	72.8	20,500 *	78.0	16,300 *	74.0	12,200 *	80.3	9,100 *
85	71.0	43,700	74.0	34,600 *	73.2	39,000 *	77.4	26,100 *	100	71.7	20,200 *	76.9	16,000 *	73.0	12,000 *	79.2	9,000 *
90	69.7	40,300	72.6	34,000 *	72.0	38,500 *	76.2	25,200 *	105	70.5	19,800 *	75.7	15,800 *	72.0	11,700 *	78.2	8,800 *
95	68.3	37,200	71.2	33,100 *	70.7	36,800	74.9	24,400 *	110	69.4	19,400 *	74.6	15,600 *	70.9	11,400 *	77.1	8,600 *
100	66.9	34,500	69.8	32,300 *	69.5	35,200	73.6	23,700 *	115	68.2	18,900 *	73.3	15,400 *	69.8	11,100 *	76.0	8,500 *
105	65.6	32,200	68.5	31,500 *	68.3	32,800	72.4	23,100 *	120	67.1	18,600 *	72.1	15,200 *	68.8	10,800 *	74.9	8,300 *
110	64.2	30,100	67.1	30,700 *	67.0	30,700	71.1	22,500 *	125	65.9	18,200 *	71.0	15,000 *	67.7	10,600 *	73.8	8,200 *
115	62.7	28,000	65.6	28,900	65.7	28,600	69.7	21,900 *	130	64.7	17,900 *	69.7	14,800 *	66.6	10,300 *	72.7	8,100 *
120	61.3	26,300	64.1	27,100	64.4	26,900	68.5	21,300 *	135	63.5	17,500 *	68.5	14,600 *	65.6	10,100 *	71.6	7,900 *
125	59.9	24,700	62.7	25,500	63.2	25,300	67.1	20,800 *	140	62.3	17,200 *	67.2	14,300 *	64.4	9,800 *	70.4	7,800 *
130	58.5	23,200	61.2	24,000	61.9	23,800	65.8	20,300 *	145	61.1	16,900 *	66.0	13,900 *	63.3	9,600 *	69.3	7,700 *
135	57.0	21,900	59.7	22,600	60.6	22,400	64.5	19,900 *	150	59.8	16,600 *	64.7	13,600 *	62.2	9,400 *	68.1	7,600 *
140	55.4	20,600	58.1	21,200	59.2	21,100	63.0	19,400 *	155	58.6	16,300 *	63.4	13,400 *	61.1	9,200 *	67.0	7,500 *
145	53.9	19,400	56.5	20,000	57.8	20,000	61.6	19,000 *	160	57.2	16,100 *	62.0	13,100 *	59.8	9,000 *	65.7	7,400 *
150	52.3	18,300	54.9	18,900	56.4	18,900	60.2	18,600 *	165	56.0	15,800 *	60.7	12,800 *	58.7	8,900 *	64.5	7,300 *
155	50.7	17,400	53.3	17,900	55.1	17,900	58.8	18,300 *	170	54.7	15,600 *	59.4	12,600 *	57.5	8,700 *	63.3	7,200 *
160	49.0	16,400	51.5	16,800	53.5	16,900	57.2	17,900	175	53.3	15,100	58.0	12,300 *	56.3	8,500 *	62.1	7,100 *
165	47.3	15,500	49.8	15,900	52.1	16,000	55.7	17,000	180	51.9	14,300	56.5	12,100 *	55.0	8,400 *	60.7	7,000 *
170	45.6	14,700	48.0	15,100	50.6	15,200	54.2	16,100	185	50.5	13,600	55.0	11,900 *	53.8	8,200 *	59.5	6,900 *
175	43.8	14,000	46.2	14,300	49.1	14,400	52.6	15,300	190	49.1	13,000	53.6	11,700 *	52.6	8,100 *	58.2	6,900 *
180	41.9	13,200	44.1	13,500	47.4	13,700	50.9	14,500	195	47.6	12,400	52.0	11,600 *	51.3	7,900 *	56.9	6,800 *
185	39.9	12,500	42.1	12,800	45.8	13,000	49.3	13,800	200	46.0	11,800	50.4	11,400 *	49.9	7,800 *	55.4	6,700 *
190	37.9	11,900	40.0	12,100	44.2	12,300	47.5	13,100	205	44.5	11,200	48.8	11,200 *	48.6	7,600 *	54.0	6,700 *
195	35.8	11,300			42.5	11,800	45.8	12,400	210	42.9	10,700	47.1	11,100 *	47.2	7,500 *	52.6	6,600 *
200	33.5	10,700			40.6	11,100	43.8	11,800	215	41.3	10,200	45.4	10,700	45.8	7,400 *	51.2	6,600 *
205					38.8	10,600	41.9	11,200	220	39.5	9,700	43.5	10,200	44.3	7,300 *	49.6	6,500 *
210					36.9	10,100	39.8	10,600	225	37.8	9,200	41.6	9,700	42.9	7,200 *	48.0	6,500 *
215					34.9	9,600			230	35.9	8,800	39.6	9,200	41.4	7,100 *	46.4	6,400 *
220					32.6	9,000			235	34.0	8,200			39.8	7,000 *	44.8	6,400 *
									240	31.8	7,800			38.1	6,900 *	42.9	6,400 *
									245					36.4	6,800 *		
									250					34.6	6,800 *		
									255					32.8	6,700 *		
									260					30.8	6,400 *		

STERLING CRANE

CK2000-II Jib Rated Loads in Pounds

Refer to notes page 11

11 Counterweights (132,280 lbs) + 2 Low Weights (22,050 lbs x 2)

200' Boom				60 ft Jib				200' Boom				100 ft Jib					
Load Radius (ft.)	40 ft Jib		30°		10°		30°		Load Radius (ft.)	80 ft Jib		30°		10°		30°	
	10°	Rated Load (lbs.)	Boom Angle (deg.)	Rated Load (lbs.)	Boom Angle (deg.)	Rated Load (lbs.)	Boom Angle (deg.)	Rated Load (lbs.)		10°	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.)		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	79.2	58,700							65	79.8	21,900 *						
60	78.0	56,600			79.5	42,200 *			70	78.8	21,700 *			79.6	13,200 *		
65	76.8	54,600		37,600	78.4	41,600 *			75	77.7	21,500 *			78.5	13,000 *		
70	75.6	52,800		36,900	77.3	41,000 *			80	76.6	21,200 *			77.6	12,800 *		
75	74.3	51,000		36,300 *	76.1	40,400 *	80.2	28,200 *	85	75.6	21,000 *			76.6	12,600 *		
80	73.0	47,100		35,600 *	75.0	39,800 *	79.1	27,200 *	90	74.5	20,800 *	79.6	16,600 *	75.6	12,500 *		
85	71.8	43,300		35,000 *	73.8	39,300 *	77.9	26,400 *	95	73.4	20,600 *	78.5	16,300 *	74.6	12,300 *		
90	70.6	39,900		34,400 *	72.7	38,700 *	76.7	25,600 *	100	72.3	20,400 *	77.4	16,100 *	73.6	12,100 *	79.6	9,000 *
95	69.2	36,800		33,600 *	71.5	37,400 *	75.5	24,800 *	105	71.3	20,000 *	76.3	15,900 *	72.6	11,900 *	78.6	8,800 *
100	67.9	34,100		32,800 *	70.3	34,800 *	74.3	24,100 *	110	70.2	19,600 *	75.2	15,700 *	71.6	11,600 *	77.6	8,700 *
105	66.7	31,700		32,000 *	69.2	32,400 *	73.1	23,500 *	115	69.0	19,200 *	74.0	15,500 *	70.5	11,300 *	76.5	8,500 *
110	65.4	29,600		30,700	68.0	30,200 *	71.9	22,800 *	120	67.9	18,800 *	72.8	15,300 *	69.5	11,000 *	75.4	8,400 *
115	64.0	27,600		28,500	66.7	28,200 *	70.6	22,200 *	125	66.8	18,500 *	71.7	15,100 *	68.5	10,700 *	74.4	8,300 *
120	62.6	25,800		26,700	65.5	26,400 *	69.4	21,700 *	130	65.7	18,100 *	70.6	14,900 *	67.5	10,500 *	73.3	8,100 *
125	61.3	24,300		25,100	64.3	24,800 *	68.1	21,200 *	135	64.6	17,800 *	69.4	14,700 *	66.4	10,300 *	72.3	8,000 *
130	59.9	22,800		23,600	63.1	23,400 *	66.9	20,700 *	140	63.4	17,500 *	68.2	14,500 *	65.3	10,000 *	71.1	7,900 *
135	58.6	21,400		22,200	61.8	22,000 *	65.6	20,200 *	145	62.2	17,200 *	67.0	14,200 *	64.3	9,800 *	70.1	7,800 *
140	57.1	20,100		20,800	60.5	20,700 *	64.2	19,800 *	150	61.0	16,900 *	65.8	13,900 *	63.2	9,600 *	69.0	7,600 *
145	55.6	19,000		19,600	59.2	19,500 *	62.9	19,400 *	155	59.9	16,600 *	64.5	13,600 *	62.1	9,400 *	67.8	7,600 *
150	54.2	17,900		18,500	57.9	18,400 *	61.6	19,000 *	160	58.6	16,300 *	63.2	13,300 *	61.0	9,200 *	66.7	7,500 *
155	52.7	16,900		17,500	56.6	17,400 *	60.2	18,600 *	165	57.4	16,100 *	62.0	13,100 *	59.9	9,000 *	65.5	7,400 *
160	51.1	15,900		16,400	55.2	16,400 *	58.8	17,600 *	170	56.1	15,500 *	60.7	12,800 *	58.8	8,800 *	64.4	7,300 *
165	49.5	15,100		15,500	53.8	15,600 *	57.4	16,600 *	175	54.9	14,700 *	59.4	12,600 *	57.6	8,700 *	63.2	7,200 *
170	47.9	14,300		14,700	52.4	14,700 *	56.0	15,800 *	180	53.5	13,900 *	58.0	12,300 *	56.4	8,500 *	61.9	7,100 *
175	46.3	13,500		13,900	51.0	14,000 *	54.5	14,900 *	185	52.2	13,200 *	56.6	12,100 *	55.2	8,400 *	60.7	7,000 *
180	44.5	12,700		13,100	49.5	13,200 *	52.9	14,100 *	190	50.9	12,600 *	55.3	11,900 *	54.1	8,200 *	59.5	6,900 *
185	42.8	12,100		12,400	48.0	12,500 *	51.4	13,400 *	195	49.5	11,900 *	53.9	11,800 *	52.9	8,100 *	58.3	6,900 *
190	41.0	11,400	43.1	11,700	46.5	11,900 *	49.8	12,700 *	200	48.1	11,300 *	52.3	11,600 *	51.6	7,900 *	56.9	6,800 *
195	39.1	10,800			44.9	11,300 *	48.2	12,100 *	205	46.6	10,800 *	50.8	11,400 *	50.3	7,800 *	55.6	6,700 *
200	37.0	10,200			43.2	10,700 *	46.4	11,400 *	210	45.2	10,300 *	49.3	10,900 *	49.0	7,700 *	54.3	6,700 *
205	35.0	9,600			41.5	10,100 *	44.6	10,800 *	215	43.7	9,800 *	47.7	10,400 *	47.7	7,600 *	52.9	6,600 *
210	32.8	9,000			39.8	9,600 *	42.8	10,300 *	220	42.0	9,200 *	46.0	9,800 *	46.3	7,500 *	51.5	6,600 *
215					38.0	9,000 *			225	40.4	8,700 *	44.3	9,300 *	45.0	7,300 *	50.0	6,500 *
220					36.0	8,400 *			230	38.8	8,200 *	42.6	8,800 *	43.6	7,300 *	48.6	6,500 *
225					34.1	7,900 *			235	37.1	7,700 *			42.1	7,100 *	47.1	6,400 *
230					32.0	7,400 *			240	35.2	7,200 *			40.5	7,100 *	45.4	6,400 *
									245	33.3	6,700 *			39.0	7,000 *	43.8	6,400 *
									250	31.2	6,300 *			37.4	6,600 *	42.1	6,400 *
									255					35.8	6,200 *		
									260					34.0	5,800 *		
									265					32.1	5,400 *		
									270					30.2	5,000 *		

STERLING CRANE

CK2000-II Jib Rated Loads in Pounds

Refer to notes page 11

11 Counterweights (132,280 lbs) + 2 Low Weights (22,050 lbs x 2)

210' Boom				60 ft Jib				210' Boom				100 ft Jib					
Load Radius (ft.)	40 ft Jib		30°		10°		30°		Load Radius (ft.)	80 ft Jib		30°		10°		30°	
	10°	Rated Load (lbs.)	Boom Angle (deg.)	Rated Load (lbs.)	Boom Angle (deg.)	Rated Load (lbs.)	Boom Angle (deg.)	Rated Load (lbs.)		10°	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.)		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	79.6	59,000 *							65	80.2	22,000 *						
60	78.5	57,500 *			79.9	42,300 *			70	79.2	21,700 *			79.9	13,200 *		
65	77.3	55,400 *	80.1	37,900	78.9	41,800 *			75	78.1	21,500 *			78.9	13,000 *		
70	76.2	53,600	78.9	37,200	77.8	41,200 *			80	77.1	21,300 *			78.0	12,900 *		
75	74.9	51,300	77.7	36,500	76.7	40,600 *			85	76.1	21,100 *			77.1	12,700 *		
80	73.8	46,900	76.5	35,900	75.6	40,000 *	79.4	28,400 *	90	75.1	20,900 *	79.9	16,700 *	76.1	12,500 *		
85	72.6	43,100	75.3	35,300 *	74.5	39,500 *	78.3	27,600 *	95	74.0	20,700 *	78.8	16,500 *	75.1	12,400 *		
90	71.4	39,700	74.1	34,700 *	73.4	39,000 *	77.2	26,700 *	100	73.0	20,500 *	77.8	16,200 *	74.2	12,200 *	79.9	9,100 *
95	70.1	36,500	72.8	34,100 *	72.2	37,200	76.0	25,900 *	105	72.0	20,300 *	76.7	16,000 *	73.2	12,000 *	78.9	8,900 *
100	68.9	33,900	71.5	33,600 *	71.1	34,500	74.9	25,200 *	110	70.9	19,900 *	75.7	15,800 *	72.3	11,700 *	77.9	8,800 *
105	67.7	31,500	70.3	32,700	70.0	32,200	73.7	24,500 *	115	69.8	19,400 *	74.5	15,600 *	71.2	11,400 *	76.9	8,600 *
110	66.4	29,400	69.0	30,500	68.9	30,000	72.6	23,900 *	120	68.8	19,100 *	73.4	15,400 *	70.2	11,100 *	75.9	8,500 *
115	65.1	27,400	67.7	28,400	67.6	28,000	71.4	23,300 *	125	67.7	18,700 *	72.4	15,200 *	69.3	10,900 *	74.9	8,300 *
120	63.9	25,600	66.4	26,500	66.5	26,200	70.2	22,700 *	130	66.6	18,400 *	71.3	15,000 *	68.3	10,600 *	73.9	8,200 *
125	62.6	24,000	65.1	24,900	65.3	24,600	69.0	22,200 *	135	65.6	18,000 *	70.2	14,900 *	67.3	10,400 *	72.9	8,100 *
130	61.3	22,600	63.8	23,400	64.2	23,100	67.8	21,700 *	140	64.4	17,700 *	69.0	14,700 *	66.2	10,200 *	71.8	8,000 *
135	60.0	21,200	62.5	22,000	63.0	21,800	66.6	21,200 *	145	63.3	17,400 *	67.8	14,500 *	65.2	9,900 *	70.7	7,800 *
140	58.6	19,900	61.0	20,600	61.7	20,400	65.3	20,700 *	150	62.2	17,100 *	66.7	14,400 *	64.2	9,700 *	69.7	7,700 *
145	57.2	18,700	59.7	19,400	60.5	19,300	64.0	20,300 *	155	61.0	16,800 *	65.5	14,200 *	63.1	9,500 *	68.6	7,600 *
150	55.9	17,700	58.3	18,300	59.3	18,200	62.8	19,500	160	59.8	16,600 *	64.3	13,900 *	62.0	9,300 *	67.5	7,500 *
155	54.5	16,700	56.8	17,300	58.0	17,200	61.5	18,400	165	58.7	16,100	63.1	13,700 *	61.0	9,200 *	66.4	7,400 *
160	53.0	15,700	55.3	16,200	56.7	16,200	60.1	17,400	170	57.5	15,200	61.9	13,400 *	59.9	9,000 *	65.3	7,300 *
165	51.5	14,800	53.8	15,300	55.4	15,300	58.8	16,400	175	56.3	14,500	60.6	13,200 *	58.8	8,800 *	64.2	7,300 *
170	50.0	14,000	52.3	14,500	54.1	14,500	57.5	15,600	180	55.0	13,700	59.3	12,900 *	57.7	8,700 *	63.0	7,200 *
175	48.5	13,200	50.8	13,700	52.8	13,700	56.1	14,700	185	53.8	13,000	58.0	12,700 *	56.6	8,500 *	61.8	7,100 *
180	46.9	12,500	49.1	12,900	51.3	13,000	54.6	13,900	190	52.5	12,300	56.8	12,500 *	55.4	8,400 *	60.7	7,000 *
185	45.3	11,800	47.4	12,200	50.0	12,300	53.2	13,200	195	51.3	11,700	55.4	12,300 *	54.3	8,200 *	59.5	6,900 *
190	43.6	11,200	45.7	11,500	48.5	11,600	51.7	12,500	200	49.9	11,100	54.0	11,900	53.1	8,100 *	58.2	6,900 *
195	41.9	10,600	44.0	10,900	47.1	11,000	50.2	11,900	205	48.6	10,500	52.6	11,300	51.9	8,000 *	57.0	6,800 *
200	40.0	9,900	42.0	10,200	45.5	10,400	48.6	11,200	210	47.2	10,000	51.2	10,700	50.7	7,800 *	55.8	6,700 *
205	38.2	9,200			44.0	9,800	47.0	10,600	215	45.8	9,500	49.8	10,200	49.5	7,700 *	54.5	6,700 *
210	36.3	8,600			42.4	9,200	45.4	10,100	220	44.3	8,900	48.2	9,600	48.1	7,600 *	53.1	6,600 *
215	34.3	8,000			40.8	8,600	43.7	9,500	225	42.8	8,300	46.6	9,100	46.9	7,500 *	51.8	6,600 *
220	32.0	7,500			39.0	8,000	41.8	8,800	230	41.3	7,800	45.0	8,500	45.6	7,400 *	50.4	6,500 *
225					37.2	7,500			235	39.8	7,300	43.4	8,000	44.2	7,300 *	49.0	6,500 *
230					35.4	7,000			240	38.0	6,800	41.5	7,400	42.8	7,200	47.5	6,400 *
235					33.5	6,500			245	36.3	6,400			41.4	6,700	46.0	6,400 *
240					31.3	6,100			250	34.6	6,000			39.9	6,300	44.5	6,400 *
									255	32.7	5,500			38.4	5,900	42.9	6,400 *
									260	30.7	5,100			36.8	5,500	41.2	6,200
									265					35.1	5,100		
									270					33.4	4,700		
									275					31.6	4,300		

STERLING CRANE

CK2000-II Jib Rated Loads in Pounds

Refer to notes page 11

11 Counterweights (132,280 lbs) + 2 Low Weights (22,050 lbs x 2)

220' Boom				60 ft Jib				220' Boom				100 ft Jib					
Load Radius (ft.)	40 ft Jib		60 ft Jib		10°		30°		Load Radius (ft.)	80 ft Jib		30°		10°		30°	
	10°	30°	10°	30°	10°	30°	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	80.0	53,300 *							70	79.6	21,800 *			80.3	13,200 *		
60	78.9	52,600 *			80.3	42,400 *			75	78.5	21,600 *			79.3	13,100 *		
65	77.8	51,900 *			79.3	41,900 *			80	77.6	21,400 *			78.4	12,900 *		
70	76.7	51,200 *	79.4	37,400	78.2	41,400 *			85	76.6	21,200 *			77.5	12,700 *		
75	75.5	50,400 *	78.2	36,800	77.1	40,800 *			90	75.6	21,000 *	80.3	16,800 *	76.6	12,600 *		
80	74.4	46,500	77.0	36,100 *	76.1	40,300 *	79.8	28,700 *	95	74.6	20,800 *	79.2	16,500 *	75.6	12,400 *		
85	73.3	42,700	75.9	35,500 *	75.1	39,700 *	78.8	27,900 *	100	73.6	20,600 *	78.2	16,300 *	74.7	12,300 *	80.2	9,100 *
90	72.1	39,300	74.7	35,000 *	74.0	39,200 *	77.7	27,100 *	105	72.6	20,400 *	77.2	16,100 *	73.8	12,100 *	79.3	9,000 *
95	70.9	36,200	73.5	34,400 *	72.9	36,900	76.5	26,300 *	110	71.6	20,100 *	76.2	15,900 *	72.8	11,900 *	78.4	8,800 *
100	69.7	33,500	72.3	33,900 *	71.8	34,200	75.5	25,600 *	115	70.5	19,700 *	75.1	15,700 *	71.8	11,600 *	77.3	8,700 *
105	68.6	31,200	71.1	32,400	70.7	31,800	74.4	24,900 *	120	69.5	19,300 *	74.1	15,500 *	70.9	11,300 *	76.4	8,500 *
110	67.4	29,000	69.9	30,200	69.7	29,700	73.3	24,300 *	125	68.5	19,000 *	73.0	15,300 *	70.0	11,000 *	75.4	8,400 *
115	66.1	27,000	68.6	28,000	68.5	27,600	72.1	23,600 *	130	67.5	18,600 *	72.0	15,100 *	69.0	10,800 *	74.4	8,300 *
120	64.9	25,200	67.4	26,200	67.4	25,800	71.0	23,000 *	135	66.4	18,300 *	70.9	15,000 *	68.0	10,600 *	73.4	8,100 *
125	63.7	23,700	66.2	24,600	66.3	24,200	69.8	22,500 *	140	65.3	18,000 *	69.7	14,800 *	67.0	10,300 *	72.4	8,000 *
130	62.5	22,200	64.9	23,000	65.2	22,800	68.7	22,000 *	145	64.3	17,700 *	68.7	14,600 *	66.0	10,100 *	71.4	7,900 *
135	61.3	20,800	63.7	21,600	64.0	21,400	67.5	21,500 *	150	63.2	17,400 *	67.6	14,500 *	65.1	9,900 *	70.4	7,800 *
140	59.9	19,500	62.3	20,300	62.8	20,100	66.3	21,100 *	155	62.1	17,100 *	66.5	14,400 *	64.1	9,700 *	69.4	7,700 *
145	58.6	18,400	61.0	19,100	61.7	18,900	65.1	20,300	160	61.0	16,600	65.3	14,200 *	63.0	9,500 *	68.3	7,600 *
150	57.4	17,300	59.7	17,900	60.5	17,800	63.9	19,200	165	59.9	15,700	64.1	13,900 *	62.0	9,300 *	67.2	7,500 *
155	56.0	16,300	58.4	16,900	59.3	16,800	62.7	18,100	170	58.7	14,900	63.0	13,600 *	61.0	9,100 *	66.2	7,400 *
160	54.6	15,300	56.9	15,900	58.1	15,800	61.4	17,100	175	57.6	14,100	61.8	13,400 *	59.9	9,000 *	65.1	7,300 *
165	53.3	14,400	55.5	15,000	56.8	14,900	60.1	16,100	180	56.4	13,300	60.6	13,100 *	58.8	8,800 *	64.0	7,200 *
170	51.9	13,600	54.1	14,100	55.6	14,100	58.9	15,300	185	55.2	12,600	59.4	12,900 *	57.8	8,700 *	62.9	7,100 *
175	50.5	12,900	52.7	13,300	54.4	13,400	57.6	14,400	190	54.0	12,000	58.1	12,700 *	56.7	8,500 *	61.8	7,100 *
180	48.9	12,100	51.1	12,500	53.0	12,600	56.2	13,600	195	52.8	11,400	56.9	12,200	55.6	8,400 *	60.7	7,000 *
185	47.4	11,400	49.6	11,800	51.7	11,900	54.9	12,900	200	51.5	10,700	55.5	11,600	54.4	8,200 *	59.5	6,900 *
190	45.9	10,800	48.0	11,200	50.4	11,300	53.5	12,200	205	50.3	10,200	54.3	11,000	53.3	8,100 *	58.3	6,900 *
195	44.4	10,000	46.4	10,500	49.0	10,600	52.1	11,600	210	49.0	9,600	52.9	10,400	52.2	8,000 *	57.1	6,800 *
200	42.7	9,300	44.6	9,700	47.5	9,900	50.6	10,900	215	47.7	9,000	51.6	9,900	51.0	7,800 *	55.9	6,700 *
205	41.0	8,700	42.9	9,100	46.1	9,300	49.1	10,300	220	46.3	8,400	50.1	9,300	49.8	7,700 *	54.6	6,700 *
210	39.3	8,100	41.1	8,400	44.7	8,700	47.6	9,700	225	44.9	7,800	48.7	8,700	48.6	7,600 *	53.4	6,600 *
215	37.5	7,500			43.2	8,100	46.0	9,100	230	43.5	7,300	47.2	8,100	47.4	7,500 *	52.1	6,600 *
220	35.5	6,900			41.5	7,500	44.3	8,400	235	42.1	6,800	45.7	7,600	46.1	7,200	50.8	6,500 *
225	33.5	6,400			39.9	7,000	42.7	7,800	240	40.5	6,300	44.0	7,000	44.7	6,700	49.4	6,500 *
230	31.4	5,900			38.3	6,500	40.9	7,300	245	39.0	5,900	42.4	6,500	43.4	6,200	48.0	6,400 *
235					36.6	6,000			250	37.4	5,400	40.7	6,000	42.1	5,800	46.6	6,400 *
240					34.6	5,500			255	35.7	5,000			40.7	5,400	45.1	6,200
245					32.7	5,100			260	34.0	4,600			39.3	5,000	43.6	5,700
250					30.7	4,700			265	32.0	4,200			37.7	4,600	41.9	5,300
									270	30.1	3,900			36.2	4,200	40.3	4,900
									275					34.6	3,800		

STERLING CRANE

CK2000-II Jib Rated Loads in Pounds

Refer to notes page 11

11 Counterweights (132,280 lbs) + 2 Low Weights (22,050 lbs x 2)

230' Boom				60 ft Jib				230' 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.)						
55	80.4	47,800 *			70	79.9	21,900 *								
60	79.4	47,100 *			75	78.9	21,600 *			79.6	13,100 *				
65	78.3	46,400 *			80	78.0	21,500 *			78.8	12,900 *				
70	77.2	45,700 *	79.8	37,600	85	77.0	21,300 *			77.9	12,800 *				
75	76.1	45,000 *	78.6	37,000	90	76.1	21,100 *			77.0	12,600 *				
80	75.0	44,300 *	77.5	36,400	95	75.1	20,900 *	79.6	16,600 *	76.1	12,500 *				
85	73.9	42,400	76.4	35,800	100	74.1	20,700 *	78.6	16,400 *	75.2	12,300 *				
90	72.8	39,000	75.3	35,300 *	105	73.2	20,500 *	77.6	16,200 *	74.3	12,200 *	79.6	9,000 *		
95	71.6	35,800	74.1	34,700 *	110	72.2	20,300 *	76.7	16,000 *	73.4	12,000 *	78.7	8,900 *		
100	70.5	33,200	73.0	34,200	115	71.2	19,900 *	75.6	15,800 *	72.4	11,700 *	77.7	8,700 *		
105	69.4	30,800	71.9	32,000	120	70.2	19,600 *	74.6	15,600 *	71.5	11,400 *	76.8	8,600 *		
110	68.3	28,700	70.7	29,900	125	69.2	19,200 *	73.6	15,400 *	70.6	11,200 *	75.9	8,400 *		
115	67.1	26,600	69.5	27,700	130	68.2	18,800 *	72.6	15,200 *	69.7	11,000 *	74.9	8,300 *		
120	65.9	24,900	68.3	25,900	135	67.2	18,500 *	71.6	15,100 *	68.7	10,700 *	74.0	8,200 *		
125	64.8	23,300	67.2	24,300	140	66.2	18,200 *	70.5	14,900 *	67.8	10,500 *	73.0	8,100 *		
130	63.6	21,800	66.0	22,700	145	65.2	17,900 *	69.4	14,700 *	66.8	10,300 *	72.0	8,000 *		
135	62.4	20,500	64.8	21,300	150	64.1	17,600 *	68.4	14,600 *	65.9	10,100 *	71.0	7,800 *		
140	61.1	19,100	63.5	19,900	155	63.1	17,300	67.3	14,400 *	64.9	9,900 *	70.1	7,800 *		
145	59.9	18,000	62.2	18,700	160	62.0	16,200	66.2	14,300 *	63.9	9,700 *	69.0	7,600 *		
150	58.7	16,900	61.0	17,600	165	60.9	15,400	65.1	14,100 *	62.9	9,500 *	68.0	7,500 *		
155	57.5	15,900	59.7	16,600	170	59.9	14,500	64.0	13,800 *	61.9	9,300 *	67.0	7,500 *		
160	56.1	14,900	58.4	15,500	175	58.8	13,800	62.9	13,600 *	61.0	9,100 *	66.0	7,400 *		
165	54.8	14,100	57.0	14,600	180	57.6	13,000	61.7	13,400 *	59.9	9,000 *	64.9	7,300 *		
170	53.5	13,200	55.7	13,800	185	56.5	12,300	60.6	13,100 *	58.9	8,800 *	63.9	7,200 *		
175	52.2	12,500	54.4	13,000	190	55.4	11,600	59.4	12,600	57.9	8,700 *	62.8	7,100 *		
180	50.8	11,700	52.9	12,200	195	54.3	11,000	58.2	11,900	56.8	8,500 *	61.7	7,100 *		
185	49.4	11,000	51.5	11,500	200	53.0	10,400	56.9	11,300	55.7	8,400 *	60.6	7,000 *		
190	48.0	10,200	50.0	10,800	205	51.8	9,700	55.7	10,700	54.6	8,200 *	59.5	6,900 *		
195	46.5	9,500	48.5	10,000	210	50.6	9,100	54.5	10,100	53.6	8,100 *	58.4	6,800 *		
200	44.9	8,800	46.9	9,300	215	49.4	8,500	53.2	9,500	52.5	8,000 *	57.2	6,800 *		
205	43.4	8,200	45.3	8,600	220	48.1	7,900	51.8	8,900	51.3	7,900 *	56.0	6,700 *		
210	41.8	7,500	43.7	8,000	225	46.8	7,300	50.5	8,200	50.1	7,700	54.8	6,700 *		
215	40.2	7,000	42.1	7,300	230	45.5	6,800	49.1	7,700	49.0	7,200	53.6	6,600 *		
220	38.4	6,400	40.2	6,700	235	44.2	6,300	47.8	7,100	47.8	6,700	52.4	6,600 *		
225	36.7	5,900			240	42.7	5,800	46.2	6,600	46.5	6,200	51.1	6,500 *		
230	34.8	5,400			245	41.3	5,400	44.7	6,100	45.3	5,700	49.8	6,500		
235	32.9	4,900			250	39.8	4,900	43.2	5,600	44.0	5,300	48.5	6,200		
240	30.7	4,400			255	38.3	4,500	41.6	5,100	42.7	4,900	47.1	5,800		
245					260	36.8	4,100	39.9	4,700	41.4	4,500	45.7	5,300		
250					265					40.0	4,100	44.2	4,900		
					270							42.7	4,400		
					275							41.2	4,000		

STERLING CRANE

CK2000-II Jib Rated Loads in Pounds

Refer to notes page 11

11 Counterweights (132,280 lbs) + 2 Low Weights (22,050 lbs x 2)

240' Boom				60 ft Jib				240' 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.)								
60	79.7	42,200 *															
65	78.7	41,500 *			80.0	41,300 *											
70	77.7	40,800 *	80.2	37,900 *	79.0	40,600 *											
75	76.6	40,100 *	79.0	37,200 *	78.0	39,800 *											
80	75.5	39,500 *	78.0	36,700 *	77.0	39,200 *											
85	74.5	38,800 *	76.9	36,100 *	76.1	38,500 *	79.6	28,500 *									
90	73.4	38,200 *	75.9	35,500 *	75.1	37,900 *	78.6	27,700 *									
95	72.3	35,400	74.7	34,800 *	74.1	36,100	77.5	26,900 *									
100	71.3	32,700	73.6	34,100	73.1	33,400	76.5	26,200 *									
105	70.2	30,400	72.6	31,700	72.1	31,000	75.5	25,500 *									
110	69.1	28,200	71.5	29,500	71.1	28,900	74.5	24,900 *									
115	67.9	26,200	70.3	27,300	70.0	26,800	73.4	24,300 *									
120	66.8	24,400	69.2	25,500	69.0	25,000	72.3	23,700 *									
125	65.7	22,800	68.0	23,900	68.0	23,400	71.3	23,200 *									
130	64.6	21,400	66.9	22,300	66.9	22,000	70.3	22,700 *									
135	63.5	20,000	65.8	20,900	65.9	20,600	69.2	22,200 *									
140	62.3	18,700	64.5	19,500	64.8	19,200	68.1	20,900									
145	61.1	17,500	63.4	18,300	63.7	18,100	67.0	19,700									
150	60.0	16,400	62.2	17,200	62.7	17,000	65.9	18,500									
155	58.8	15,500	61.0	16,200	61.6	16,000	64.8	17,500									
160	57.5	14,500	59.7	15,100	60.4	15,000	63.6	16,400									
165	56.3	13,600	58.4	14,200	59.3	14,100	62.5	15,500									
170	55.1	12,800	57.2	13,400	58.2	13,300	61.3	14,600									
175	53.8	12,000	55.9	12,600	57.1	12,500	60.2	13,800									
180	52.4	11,100	54.5	11,800	55.9	11,800	58.9	12,900									
185	51.1	10,300	53.2	11,000	54.7	11,000	57.7	12,200									
190	49.8	9,600	51.8	10,200	53.5	10,200	56.5	11,500									
195	48.5	8,800	50.5	9,400	52.3	9,500	55.3	10,800									
200	47.0	8,100	48.9	8,700	51.0	8,800	53.9	10,100									
205	45.6	7,500	47.5	8,000	49.8	8,100	52.7	9,400									
210	44.1	6,900	46.0	7,300	48.5	7,500	51.3	8,700									
215	42.6	6,300	44.5	6,700	47.2	6,900	50.0	8,100									
220	41.0	5,700	42.8	6,100	45.8	6,300	48.5	7,400									
225	39.4	5,200			44.4	5,800	47.1	6,800									
230	37.7	4,700			43.0	5,300	45.7	6,300									
235					41.6	4,800	44.2	5,700									
240					40.0	4,300	42.5	5,200									
									70	80.2	21,900 *						
									75	79.3	21,700 *			79.9	13,200 *		
									80	78.4	21,500 *			79.1	13,000 *		
									85	77.5	21,300 *			78.2	12,800 *		
									90	76.5	21,100 *			77.4	12,700 *		
									95	75.6	20,900 *	79.9	16,700 *	76.5	12,500 *		
									100	74.6	20,800 *	79.0	16,400 *	75.6	12,400 *		
									105	73.7	20,600 *	78.1	16,200 *	74.7	12,300 *	80.0	9,000 *
									110	72.8	20,400 *	77.1	16,000 *	73.9	12,100 *	79.1	8,900 *
									115	71.8	20,100 *	76.1	15,900 *	72.9	11,900 *	78.1	8,800 *
									120	70.9	19,800 *	75.1	15,700 *	72.1	11,600 *	77.2	8,600 *
									125	69.9	19,400 *	74.2	15,500 *	71.2	11,400 *	76.3	8,500 *
									130	69.0	19,100 *	73.2	15,300 *	70.3	11,100 *	75.4	8,400 *
									135	68.0	18,800 *	72.2	15,100 *	69.4	10,900 *	74.5	8,200 *
									140	67.0	18,400 *	71.2	15,000 *	68.5	10,600 *	73.5	8,100 *
									145	66.0	18,100 *	70.2	14,800 *	67.5	10,400 *	72.6	8,000 *
									150	65.0	17,800 *	69.1	14,700 *	66.6	10,200 *	71.7	7,900 *
									155	64.0	16,800	68.1	14,500 *	65.7	10,000 *	70.7	7,800 *
									160	63.0	15,800	67.0	14,400 *	64.7	9,800 *	69.7	7,700 *
									165	61.9	14,900	66.0	14,300 *	63.8	9,600 *	68.8	7,600 *
									170	60.9	14,100	65.0	14,000 *	62.9	9,500 *	67.8	7,500 *
									175	59.9	13,300	63.9	13,800 *	61.9	9,300 *	66.8	7,400 *
									180	58.8	12,500	62.7	13,600 *	60.9	9,100 *	65.8	7,300 *
									185	57.7	11,800	61.7	13,000	59.9	9,000 *	64.8	7,300 *
									190	56.6	11,200	60.6	12,300	58.9	8,800 *	63.8	7,200 *
									195	55.6	10,500	59.4	11,600	57.9	8,700 *	62.7	7,100 *
									200	54.4	9,800	58.2	10,900	56.9	8,500 *	61.6	7,000 *
									205	53.3	9,100	57.1	10,300	55.8	8,400 *	60.6	7,000 *
									210	52.1	8,500	55.9	9,700	54.8	8,200 *	59.5	6,900 *
									215	51.0	7,900	54.7	9,000	53.8	8,100 *	58.4	6,800 *
									220	49.7	7,300	53.4	8,300	52.6	7,600	57.3	6,800 *
									225	48.5	6,700	52.2	7,700	51.6	7,100	56.2	6,700 *
									230	47.3	6,200	50.9	7,200	50.5	6,500	55.0	6,700 *
									235	46.0	5,700	49.6	6,600	49.4	6,100	53.9	6,600 *
									240	44.7	5,200	48.2	6,000	48.1	5,600	52.6	6,600 *
									245	43.4	4,800	46.8	5,500	47.0	5,100	51.4	6,200
									250	42.0	4,300	45.4	5,000	45.8	4,700	50.2	5,700
									255			43.9	4,600	44.6	4,300	48.9	5,300
									260			42.4	4,100			47.6	4,800
									265							46.2	4,300
									270							44.9	3,900