

Liftcrane Boom Capacities

**Boom No. 8 with Open Throat Top
74,000 lb Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating**

LIFTING CAPACITIES: Lifting capacities are for a crawler machine when operating on a barge. Machine shall be positively secured to prevent shifting. Lifting capacities for various boom lengths and operating radii are for freely suspended loads and do not exceed 75% of a static tipping load. Capacities based on structural competence are denoted by an asterisk (*).

Upper boom point capacity (whip line) for single part line is 22,500 lbs (20,000 lbs when rear auxiliary drum is used.) In all cases, upper boom point capacities cannot exceed those listed for main boom capacity.

Weight of all load blocks, hooks, weight ball, slings, hoist lines, etc., beneath boom point sheaves, is considered part of main boom load. Boom is not to be lowered beyond radii where combined weights are greater than rated capacity. Where no capacity is shown, operation is not intended or approved. See boom raising capability chart.

OPERATING CONDITIONS: Machine to operate with gantry up and machine list not to exceed degrees noted. Refer to rigging **Nos. 42925, 43258, 48029, 48237, or 49990**, Load Line Specification chart **No. 4899**, and Range Chart **No. 4779**. Crane operator judgment must be used to allow for dynamic load effects of swinging, hoisting or lowering, wind conditions, as well as adverse operating conditions and physical machine depreciation. Refer to operators manual for operating guidelines.

OPERATING RADIUS: Operating radius is horizontal distance from axis of rotation at barge deck to center of vertical hoist line or load block.

MACHINE EQUIPMENT: Machine equipped with 20 ft 4 in. crawlers, 38 in. treads, 15 ft retractable gantry, 10 or 12 part (**No. 42925, 43258, or 48029**), or 10 part (**No. 48237**) boom hoist reeving, two 1-1/2 in. or two 1-5/8 in. boom pendants, 1st counterweight = 32,000 lbs, 2nd counterweight = 26,500 lbs, 3rd counterweight = 15,500 lbs.

Maximum Boom Lengths Lifted Unassisted		
List	Over End of Blocked Crawlers	Over Side of Extended Crawlers
	Boom Length	Boom Length
0 Degree	210 ft	190 ft
1 Degree	200 ft	190 ft
2 Degree	200 ft	190 ft
3 Degree	200 ft	190 ft

Load block, hook and weight ball on barge deck at start.
Jib is not to be used on crawler machine while operating on a barge.



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60.0 ft							
16	78.1	65.4	200,000 *	175,700	150,100 *	128,300 *	16
17	77.1	65.1	180,200	159,500	141,800 *	122,100 *	17
18	76.1	64.9	163,400	146,000	131,900	116,500 *	18
19	75.2	64.7	149,400	134,500	122,400	111,300 *	19
20	74.2	64.4	137,500	124,700	114,100	105,000	20
22	72.2	63.8	118,600	108,600	100,400	93,200	22
24	70.1	63.1	104,100	96,200	89,600	83,700	24
26	68.1	62.3	92,700	86,200	80,800	75,900	26
28	66.0	61.5	83,400	78,000	73,500	69,400	28
30	63.9	60.5	75,800	71,100	67,300	63,800	30
32	61.8	59.5	69,400	65,300	62,100	59,100	32
34	59.6	58.4	63,900	60,400	57,600	55,000	34
36	57.3	57.2	59,200	56,100	53,600	51,300	36
38	55.0	55.8	55,100	52,300	50,200	48,200	38
40	52.7	54.4	51,500	49,000	47,100	45,300	40
45	46.4	50.1	44,200	42,200	40,800	39,400	45
50	39.4	44.7	38,500	36,900	35,900	34,800	50
55	31.1	37.6	34,100	32,700	31,900	31,200	55
60	20.0	27.2	30,500	29,400	28,800	28,200	60
70.0 ft							
16	79.8	75.6	200,000 *	172,300			16
17	79.0	75.4	179,900	156,600	134,300 *		17
18	78.1	75.2	163,100	143,500	127,500 *	108,800 *	18
19	77.3	74.9	149,100	132,300	119,000	104,200 *	19
20	76.5	74.7	137,200	122,700	111,000	100,000 *	20
22	74.8	74.2	118,200	107,100	97,900	90,000	22
24	73.1	73.6	103,700	94,800	87,500	81,000	24
26	71.4	73.0	92,300	85,000	79,000	73,600	26
28	69.6	72.3	83,000	76,900	71,900	67,400	28
30	67.9	71.5	75,400	70,200	65,900	62,000	30
32	66.1	70.6	69,000	64,500	60,800	57,500	32
34	64.3	69.7	63,500	59,600	56,400	53,500	34
36	62.5	68.7	58,800	55,300	52,500	50,000	36
38	60.6	67.6	54,700	51,600	49,100	46,900	38
40	58.7	66.5	51,100	48,300	46,100	44,100	40
45	53.8	63.1	43,800	41,600	39,900	38,300	45
50	48.5	59.1	38,100	36,300	35,000	33,800	50
55	42.8	54.2	33,700	32,200	31,100	30,200	55
60	36.4	48.2	30,000	28,800	28,000	27,200	60
65	28.7	40.3	27,100	25,900	25,300	24,700	65
70	18.5	28.9	24,500	23,600	23,100	22,700	70



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80.0 ft							
16	81.1	85.7	200,000 *				16
17	80.4	85.5	179,700				17
18	79.6	85.3	162,900	141,100			18
19	78.9	85.2	148,800	130,300	115,700 *		19
20	78.2	85.0	137,000	120,900	108,200	94,100 *	20
22	76.7	84.5	118,000	105,600	95,600	87,100	22
24	75.2	84.0	103,500	93,600	85,500	78,600	24
26	73.8	83.5	92,000	83,900	77,300	71,500	26
28	72.3	82.8	82,800	76,000	70,400	65,500	28
30	70.8	82.2	75,100	69,400	64,600	60,400	30
32	69.2	81.4	68,700	63,700	59,600	56,000	32
34	67.7	80.7	63,200	58,900	55,300	52,100	34
36	66.1	79.8	58,500	54,700	51,600	48,700	36
38	64.6	78.9	54,400	51,000	48,200	45,700	38
40	63.0	77.9	50,800	47,700	45,300	43,000	40
45	58.9	75.1	43,500	41,000	39,100	37,400	45
50	54.6	71.8	37,800	35,800	34,300	33,000	50
55	50.0	68.0	33,300	31,700	30,500	29,400	55
60	45.2	63.4	29,700	28,300	27,300	26,400	60
65	39.9	58.0	26,700	25,500	24,700	24,000	65
70	33.9	51.3	24,200	23,100	22,500	21,900	70
75	26.9	42.8	22,100	21,100	20,600	20,100	75
80	17.3	30.5	20,200	19,400	19,000	18,600	80
90.0 ft							
18	80.8	95.5	162,600				18
19	80.2	95.3	148,500	128,400			19
20	79.5	95.2	136,600	119,200			20
22	78.2	94.8	117,600	104,300	93,500	82,700 *	22
24	76.9	94.3	103,100	92,500	83,800	76,300	24
26	75.6	93.8	91,700	83,000	75,800	69,600	26
28	74.3	93.3	82,400	75,200	69,100	63,800	28
30	73.0	92.7	74,700	68,600	63,500	58,900	30
32	71.6	92.1	68,300	63,100	58,600	54,600	32
34	70.3	91.4	62,800	58,300	54,400	50,900	34
36	68.9	90.6	58,100	54,100	50,700	47,600	36
38	67.5	89.8	54,000	50,500	47,500	44,700	38
40	66.2	89.0	50,400	47,200	44,600	42,100	40
45	62.6	86.6	43,000	40,600	38,500	36,600	45
50	59.0	83.8	37,400	35,400	33,800	32,300	50
55	55.2	80.6	32,900	31,300	30,000	28,800	55
60	51.2	76.8	29,300	28,000	26,900	25,900	60
65	47.0	72.5	26,300	25,200	24,300	23,400	65
70	42.5	67.4	23,800	22,800	22,100	21,300	70
75	37.5	61.5	21,600	20,800	20,200	19,600	75
80	31.9	54.3	19,800	19,000	18,500	18,000	80
85	25.3	45.1	18,200	17,500	17,100	16,700	85
90	16.3	31.9	16,700	16,200	15,900	15,600	90



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100.0 ft							
19	81.2	105.5	148,400				19
20	80.6	105.3	136,500				20
22	79.4	104.9	117,500	102,800			22
24	78.2	104.6	103,000	91,200	81,900	73,200 *	24
26	77.1	104.1	91,500	81,900	74,200	67,600	26
28	75.9	103.6	82,300	74,200	67,700	62,100	28
30	74.7	103.1	74,600	67,800	62,200	57,300	30
32	73.5	102.5	68,200	62,300	57,500	53,200	32
34	72.3	101.9	62,700	57,500	53,300	49,600	34
36	71.1	101.3	58,000	53,400	49,700	46,400	36
38	69.9	100.6	53,900	49,800	46,500	43,600	38
40	68.7	99.8	50,200	46,600	43,700	41,000	40
45	65.6	97.7	42,900	40,000	37,800	35,700	45
50	62.4	95.2	37,200	34,900	33,100	31,400	50
55	59.1	92.4	32,800	30,800	29,400	28,000	55
60	55.7	89.2	29,100	27,500	26,300	25,100	60
65	52.1	85.6	26,100	24,700	23,700	22,700	65
70	48.4	81.4	23,600	22,300	21,500	20,700	70
75	44.5	76.7	21,500	20,300	19,600	18,900	75
80	40.2	71.2	19,600	18,600	18,000	17,400	80
85	35.5	64.8	18,000	17,100	16,500	16,000	85
90	30.3	57.0	16,600	15,700	15,300	14,900	90
95	24.0	47.3	15,300	14,500	14,200	13,800	95
100	15.5	33.3	14,200	13,500	13,200	12,900	100
110.0 ft							
22	80.4	115.1	117,200				22
24	79.3	114.7	102,700	90,000			24
26	78.3	114.3	91,200	80,900	72,600		26
28	77.2	113.9	82,000	73,300	66,300	60,400	28
30	76.1	113.4	74,300	66,900	61,000	55,800	30
32	75.1	112.9	67,900	61,500	56,400	51,900	32
34	74.0	112.4	62,400	56,800	52,300	48,400	34
36	72.9	111.8	57,700	52,800	48,800	45,300	36
38	71.8	111.1	53,500	49,200	45,700	42,500	38
40	70.7	110.5	49,900	46,000	42,900	40,000	40
45	67.9	108.6	42,600	39,500	37,000	34,800	45
50	65.1	106.4	36,900	34,400	32,500	30,700	50
55	62.2	103.9	32,400	30,300	28,800	27,300	55
60	59.2	101.1	28,800	27,000	25,700	24,500	60
65	56.1	97.9	25,800	24,300	23,200	22,100	65
70	52.9	94.4	23,300	21,900	21,000	20,100	70
75	49.5	90.3	21,100	19,900	19,100	18,300	75
80	46.0	85.8	19,300	18,200	17,500	16,800	80
85	42.3	80.7	17,600	16,600	16,100	15,500	85
90	38.3	74.8	16,200	15,300	14,800	14,300	90
95	33.8	67.9	15,000	14,100	13,700	13,300	95
100	28.8	59.7	13,800	13,100	12,700	12,300	100
105	22.8	49.3	12,800	12,100	11,800	11,500	105



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120.0 ft							
22	81.2	125.2	112,500 *				22
24	80.2	124.9	102,400	89,000			24
26	79.3	124.6	90,900	79,900			26
28	78.3	124.2	81,600	72,500	65,100		28
30	77.3	123.7	73,900	66,200	59,900	54,500	30
32	76.3	123.2	67,500	60,900	55,400	50,600	32
34	75.3	122.7	62,000	56,200	51,400	47,300	34
36	74.3	122.2	57,300	52,200	48,000	44,200	36
38	73.4	121.6	53,200	48,700	44,900	41,600	38
40	72.4	121.0	49,500	45,500	42,200	39,200	40
45	69.8	119.3	42,200	39,100	36,400	34,100	45
50	67.3	117.3	36,500	34,000	31,900	30,000	50
55	64.7	115.1	32,000	30,000	28,300	26,700	55
60	62.0	112.6	28,400	26,700	25,300	23,900	60
65	59.2	109.8	25,400	23,900	22,700	21,600	65
70	56.4	106.6	22,900	21,600	20,600	19,600	70
75	53.5	103.1	20,700	19,600	18,700	17,900	75
80	50.5	99.2	18,900	17,900	17,100	16,400	80
85	47.3	94.8	17,200	16,400	15,700	15,100	85
90	44.0	89.9	15,800	15,000	14,400	13,900	90
95	40.4	84.4	14,500	13,800	13,300	12,800	95
100	36.6	78.2	13,400	12,800	12,300	11,900	100
105	32.4	70.9	12,400	11,800	11,400	11,100	105
110	27.6	62.2	11,500	11,000	10,600	10,300	110
115	21.9	51.3	10,700	10,200	9,900	9,600	115



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130.0 ft							
24	81.0	135.0	102,200				24
26	80.1	134.7	90,700	78,800			26
28	79.2	134.4	81,400	71,400	63,600		28
30	78.3	133.9	73,700	65,200	58,600		30
32	77.4	133.5	67,300	59,900	54,100	49,200	32
34	76.5	133.1	61,800	55,400	50,300	45,900	34
36	75.6	132.6	57,100	51,400	46,900	43,000	36
38	74.7	132.0	53,000	47,900	43,900	40,400	38
40	73.8	131.5	49,300	44,800	41,200	38,000	40
45	71.4	129.9	42,000	38,400	35,600	33,100	45
50	69.1	128.1	36,300	33,400	31,100	29,100	50
55	66.7	126.1	31,800	29,300	27,500	25,800	55
60	64.3	123.8	28,200	26,100	24,500	23,100	60
65	61.8	121.2	25,200	23,300	22,000	20,800	65
70	59.3	118.4	22,700	21,000	19,900	18,900	70
75	56.7	115.3	20,500	19,000	18,100	17,200	75
80	54.0	111.8	18,600	17,300	16,500	15,700	80
85	51.2	108.0	17,000	15,800	15,100	14,400	85
90	48.4	103.8	15,600	14,400	13,800	13,200	90
95	45.3	99.1	14,300	13,300	12,700	12,200	95
100	42.2	93.9	13,200	12,200	11,700	11,200	100
105	38.8	88.0	12,200	11,200	10,800	10,400	105
110	35.1	81.4	11,300	10,400	10,000	9,600	110
115	31.0	73.7	10,400	9,600	9,300	8,900	115
120	26.5	64.6	9,700	8,900	8,600	8,300	120
125	21.0	53.2	9,000	8,200	8,000	7,800	125



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140.0 ft							
26	80.8	144.9	90,400				26
28	80.0	144.5	81,100	70,500			28
30	79.1	144.1	73,400	64,400	57,400		30
32	78.3	143.7	67,000	59,200	53,100		32
34	77.5	143.3	61,500	54,700	49,300	44,800	34
36	76.6	142.9	56,800	50,700	46,000	41,900	36
38	75.8	142.4	52,600	47,300	43,100	39,400	38
40	74.9	141.8	49,000	44,200	40,400	37,100	40
45	72.8	140.4	41,600	37,800	34,900	32,300	45
50	70.7	138.7	36,000	32,900	30,500	28,400	50
55	68.5	136.9	31,500	28,900	26,900	25,200	55
60	66.3	134.8	27,800	25,600	24,000	22,500	60
65	64.0	132.5	24,800	22,900	21,500	20,300	65
70	61.7	129.9	22,300	20,600	19,400	18,300	70
75	59.3	127.1	20,200	18,600	17,600	16,600	75
80	56.9	124.0	18,300	16,900	16,000	15,200	80
85	54.5	120.6	16,700	15,400	14,600	13,900	85
90	51.9	116.8	15,200	14,000	13,400	12,700	90
95	49.3	112.7	14,000	12,900	12,300	11,700	95
100	46.5	108.2	12,800	11,800	11,300	10,800	100
105	43.6	103.2	11,800	10,900	10,400	9,900	105
110	40.6	97.7	10,900	10,000	9,600	9,200	110
115	37.3	91.5	10,100	9,200	8,800	8,500	115
120	33.8	84.5	9,300	8,500	8,200	7,800	120
125	29.9	76.4	8,600	7,800	7,600	7,300	125
130	25.5	66.9	8,000	7,200	7,000	6,700	130
135	20.2	55.0	7,400	6,700	6,500	6,300	135



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150.0 ft							
28	80.6	154.7	80,800				28
30	79.9	154.3	73,100	63,700			30
32	79.1	153.9	66,600	58,500	52,100		32
34	78.3	153.5	61,100	54,100	48,500		34
36	77.5	153.1	56,400	50,200	45,200	41,000	36
38	76.8	152.7	52,300	46,700	42,300	38,500	38
40	76.0	152.2	48,600	43,700	39,700	36,300	40
45	74.0	150.8	41,300	37,400	34,300	31,500	45
50	72.0	149.3	35,600	32,500	30,000	27,700	50
55	70.0	147.6	31,100	28,500	26,400	24,600	55
60	67.9	145.6	27,500	25,200	23,500	22,000	60
65	65.8	143.5	24,400	22,500	21,100	19,800	65
70	63.7	141.2	21,900	20,200	19,000	17,800	70
75	61.6	138.6	19,800	18,300	17,200	16,200	75
80	59.4	135.7	17,900	16,600	15,600	14,700	80
85	57.1	132.7	16,300	15,100	14,200	13,500	85
90	54.8	129.3	14,800	13,700	13,000	12,300	90
95	52.5	125.6	13,600	12,600	11,900	11,300	95
100	50.0	121.6	12,400	11,500	10,900	10,400	100
105	47.5	117.2	11,400	10,600	10,000	9,500	105
110	44.8	112.4	10,500	9,700	9,200	8,800	110
115	42.1	107.1	9,700	8,900	8,500	8,100	115
120	39.1	101.3	8,900	8,200	7,800	7,500	120
125	36.0	94.8	8,200	7,500	7,200	6,900	125
130	32.6	87.5	7,600	6,900	6,600	6,400	130
135	28.9	79.0	7,000	6,400	6,100	5,900	135
140	24.6	69.1	6,500	5,900	5,700	5,400	140
145	19.5	56.8	6,000	5,400	5,200	5,000	145



Liftcrane Boom Capacities

**Boom No. 8 with Open Throat Top
74,000 lb Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating**

Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds	2 Degree List Boom Capacity Pounds	3 Degree List Boom Capacity Pounds	Oper. Radius Feet
160.0 ft							
30	80.5	164.5	72,800				30
32	79.8	164.1	66,400	57,800			32
34	79.1	163.7	60,900	53,400	47,500		34
36	78.3	163.3	56,200	49,500	44,300		36
38	77.6	162.9	52,000	46,100	41,500	37,500	38
40	76.9	162.5	48,400	43,100	38,900	35,300	40
45	75.0	161.2	41,000	36,800	33,600	30,700	45
50	73.2	159.8	35,300	31,900	29,300	27,000	50
55	71.3	158.2	30,900	28,000	25,900	23,900	55
60	69.4	156.4	27,200	24,800	23,000	21,300	60
65	67.4	154.4	24,200	22,100	20,600	19,200	65
70	65.5	152.2	21,700	19,800	18,500	17,300	70
75	63.5	149.9	19,500	17,800	16,700	15,600	75
80	61.5	147.2	17,600	16,100	15,100	14,200	80
85	59.4	144.4	16,000	14,600	13,800	12,900	85
90	57.3	141.3	14,600	13,300	12,500	11,800	90
95	55.2	138.0	13,300	12,100	11,400	10,800	95
100	53.0	134.4	12,200	11,100	10,500	9,900	100
105	50.7	130.4	11,200	10,100	9,600	9,100	105
110	48.3	126.2	10,300	9,300	8,800	8,300	110
115	45.9	121.5	9,400	8,500	8,100	7,600	115
120	43.3	116.4	8,700	7,800	7,400	7,000	120
125	40.7	110.9	8,000	7,100	6,800	6,400	125
130	37.8	104.8	7,300	6,500	6,200	5,900	130
135	34.8	98.0	6,700	6,000	5,700	5,400	135
140	31.5	90.3	6,200	5,500	5,200	4,900	140
145	27.9	81.6	5,700	5,000	4,800	4,500	145
150	23.8	71.3	5,200	4,600	4,300	4,100	150
155	18.9	58.5	4,800	4,200	4,000	3,800	155



3900

Liftcrane Boom Capacities

Boom No. 8 with Open Throat Top
 74,000 lb Counterweight
 Crawler Machine on a Barge
 0 Degree thru 3 Degree Machine List
 No Travel - 360 Degree Rating

Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds	2 Degree List Boom Capacity Pounds	3 Degree List Boom Capacity Pounds	Oper. Radius Feet
170.0 ft							
30	81.1	174.6	67,500 *				30
32	80.4	174.3	66,100				32
34	79.7	173.9	60,600	52,700			34
36	79.0	173.5	55,800	48,900	43,500		36
38	78.3	173.1	51,700	45,500	40,700		38
40	77.6	172.7	48,100	42,500	38,200	34,500	40
45	75.9	171.5	40,700	36,300	32,900	29,900	45
50	74.2	170.2	35,000	31,500	28,700	26,300	50
55	72.4	168.7	30,500	27,600	25,300	23,300	55
60	70.6	167.0	26,900	24,300	22,500	20,700	60
65	68.8	165.2	23,900	21,700	20,100	18,600	65
70	67.0	163.2	21,300	19,400	18,000	16,700	70
75	65.2	160.9	19,200	17,400	16,200	15,100	75
80	63.3	158.5	17,300	15,700	14,700	13,700	80
85	61.4	155.9	15,700	14,200	13,300	12,400	85
90	59.5	153.1	14,200	12,900	12,100	11,300	90
95	57.5	150.0	13,000	11,800	11,000	10,300	95
100	55.5	146.7	11,800	10,700	10,000	9,400	100
105	53.4	143.1	10,800	9,800	9,200	8,600	105
110	51.3	139.3	9,900	8,900	8,400	7,900	110
115	49.1	135.1	9,100	8,100	7,600	7,200	115
120	46.8	130.6	8,300	7,400	7,000	6,600	120
125	44.4	125.7	7,600	6,800	6,400	6,000	125
130	42.0	120.4	7,000	6,200	5,800	5,500	130
135	39.4	114.5	6,400	5,600	5,300	5,000	135
140	36.7	108.2	5,800	5,100	4,800	4,500	140
145	33.7	101.1	5,300	4,600	4,400	4,100	145
150	30.6	93.1	4,900	4,200	3,900	3,700	150
155	27.1	84.0	4,400	3,800	3,600	3,300	155
160	23.1	73.3	4,000	3,400	3,200	3,000	160
165	18.3	60.1	3,600	3,000 *			165



Liftcrane Boom Capacities

**Boom No. 8 with Open Throat Top
74,000 lb Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating**

Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds	2 Degree List Boom Capacity Pounds	3 Degree List Boom Capacity Pounds	Oper. Radius Feet
180.0 ft							
32	80.9	184.4	65,700				32
34	80.3	184.1	60,200				34
36	79.6	183.7	55,500	48,300			36
38	79.0	183.3	51,300	45,000	40,000		38
40	78.3	182.9	47,700	42,000	37,500		40
45	76.7	181.8	40,300	35,900	32,300	29,300	45
50	75.1	180.6	34,600	31,100	28,200	25,700	50
55	73.4	179.2	30,100	27,200	24,800	22,700	55
60	71.7	177.6	26,500	24,000	22,000	20,200	60
65	70.1	175.9	23,500	21,300	19,700	18,100	65
70	68.4	174.0	20,900	19,100	17,600	16,300	70
75	66.6	171.9	18,800	17,100	15,900	14,700	75
80	64.9	169.6	16,900	15,400	14,300	13,300	80
85	63.1	167.2	15,300	14,000	13,000	12,100	85
90	61.3	164.6	13,800	12,600	11,800	11,000	90
95	59.5	161.7	12,600	11,500	10,700	10,000	95
100	57.6	158.7	11,400	10,400	9,700	9,100	100
105	55.7	155.4	10,400	9,500	8,900	8,300	105
110	53.8	151.9	9,500	8,600	8,100	7,500	110
115	51.8	148.1	8,700	7,900	7,300	6,900	115
120	49.7	144.0	7,900	7,200	6,700	6,200	120
125	47.6	139.6	7,200	6,500	6,100	5,700	125
130	45.4	134.8	6,600	5,900	5,500	5,100	130
135	43.1	129.7	6,000	5,400	5,000	4,700	135
140	40.7	124.1	5,400	4,800	4,500	4,200	140
145	38.2	118.1	4,900	4,400	4,100	3,800	145
150	35.6	111.4	4,500	3,900	3,700	3,400	150
155	32.8	104.1	4,000	3,500	3,300	3,000	155
160	29.7	95.8	3,600	3,100			160
165	26.3	86.4	3,200				165



3900

Liftcrane Boom Capacities

Boom No. 8 with Open Throat Top
 74,000 lb Counterweight
 Crawler Machine on a Barge
 0 Degree thru 3 Degree Machine List
 No Travel - 360 Degree Rating

Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds	2 Degree List Boom Capacity Pounds	3 Degree List Boom Capacity Pounds	Oper. Radius Feet
190.0 ft							
34	80.8	194.2	60,000				34
36	80.2	193.9	55,200	47,700			36
38	79.6	193.5	51,100	44,400			38
40	79.0	193.1	47,500	41,500	36,800		40
45	77.4	192.1	40,100	35,400	31,700	28,500	45
50	75.9	190.9	34,400	30,600	27,600	25,000	50
55	74.3	189.6	29,900	26,700	24,300	22,100	55
60	72.7	188.1	26,200	23,500	21,500	19,600	60
65	71.2	186.5	23,200	20,900	19,100	17,600	65
70	69.6	184.7	20,700	18,600	17,100	15,700	70
75	67.9	182.7	18,500	16,700	15,400	14,200	75
80	66.3	180.6	16,600	15,000	13,900	12,800	80
85	64.6	178.3	15,000	13,500	12,500	11,600	85
90	63.0	175.9	13,600	12,200	11,300	10,500	90
95	61.3	173.2	12,300	11,100	10,300	9,500	95
100	59.5	170.4	11,200	10,000	9,300	8,600	100
105	57.8	167.4	10,200	9,100	8,400	7,800	105
110	56.0	164.1	9,200	8,200	7,600	7,100	110
115	54.1	160.6	8,400	7,500	6,900	6,400	115
120	52.2	156.8	7,600	6,800	6,300	5,800	120
125	50.3	152.8	6,900	6,100	5,700	5,200	125
130	48.3	148.5	6,300	5,500	5,100	4,700	130
135	46.3	143.9	5,700	5,000	4,600	4,200	135
140	44.1	138.9	5,200	4,400	4,100	3,800	140
145	41.9	133.6	4,700	4,000	3,600	3,300	145
150	39.6	127.8	4,200	3,500	3,200		150
155	37.2	121.5	3,800	3,100			155
160	34.6	114.6	3,400				160
165	31.9	106.9	3,000				165



Liftcrane Boom Capacities

**Boom No. 8 with Open Throat Top
74,000 lb Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating**

Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds	2 Degree List Boom Capacity Pounds	3 Degree List Boom Capacity Pounds	Oper. Radius Feet
200.0 ft							
36	80.7	204.0	54,900				36
38	80.1	203.7	50,800	43,800			38
40	79.5	203.3	47,100	40,900			40
45	78.1	202.3	39,700	34,800	31,000	27,700 *	45
50	76.6	201.2	34,000	30,100	27,000	24,300	50
55	75.1	199.9	29,500	26,300	23,700	21,500	55
60	73.6	198.5	25,900	23,100	21,000	19,100	60
65	72.1	197.0	22,900	20,500	18,600	17,000	65
70	70.6	195.3	20,300	18,200	16,700	15,200	70
75	69.1	193.5	18,200	16,300	14,900	13,700	75
80	67.6	191.5	16,300	14,600	13,400	12,300	80
85	66.0	189.4	14,700	13,100	12,100	11,100	85
90	64.4	187.0	13,200	11,800	10,900	10,000	90
95	62.8	184.6	12,000	10,700	9,800	9,000	95
100	61.2	181.9	10,800	9,600	8,900	8,200	100
105	59.5	179.1	9,800	8,700	8,000	7,400	105
110	57.9	176.0	8,900	7,900	7,200	6,600	110
115	56.2	172.8	8,000	7,100	6,500	6,000	115
120	54.4	169.3	7,300	6,400	5,900	5,400	120
125	52.6	165.6	6,600	5,700	5,300	4,800	125
130	50.8	161.7	6,000	5,100	4,700	4,300	130
135	48.9	157.4	5,400	4,600	4,200	3,800	135
140	47.0	152.9	4,800	4,100	3,700	3,300	140
145	45.0	148.1	4,300	3,600	3,300		145
150	43.0	142.9	3,800	3,200			150
155	40.8	137.4	3,400				155
160	38.6	131.3	3,000				160



3900

Liftcrane Boom Capacities

Boom No. 8 with Open Throat Top
 74,000 lb Counterweight
 Crawler Machine on a Barge
 0 Degree thru 3 Degree Machine List
 No Travel - 360 Degree Rating

Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds
210.0 ft			
36	81.1	214.1	54,600
38	80.6	213.8	50,400
40	80.0	213.5	46,800
45	78.6	212.5	39,400
50	77.2	211.5	33,700
55	75.8	210.3	29,200
60	74.4	208.9	25,500
65	73.0	207.5	22,500
70	71.6	205.9	19,900
75	70.1	204.1	17,800
80	68.7	202.3	15,900
85	67.2	200.2	14,300
90	65.7	198.1	12,800
95	64.2	195.7	11,600
100	62.7	193.2	10,400
105	61.1	190.6	9,400
110	59.6	187.7	8,500
115	58.0	184.7	7,700
120	56.3	181.5	6,900
125	54.7	178.0	6,200
130	53.0	174.4	5,600
135	51.3	170.5	5,000
140	49.5	166.3	4,400
145	47.7	161.9	3,900
150	45.8	157.2	3,500
155	43.9	152.2	3,000