

Liftcrane Boom Capacities

Boom No. 84
71,500 Lb. Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating

555 SERIES 1

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 (*). Capacities indicated by (b) require 10,000 Lb. minimum weight. *To maintain boom and mast stability at high boom angles, a minimum of 4 parts hoist line is required when using rear drum on 50 Ft. thru 70 Ft. boom lengths.*

Upper boom point capacity for liftcrane service with single part whip line is 30,000 Lbs. or 60,000 Lbs. with two part whip line. When boom butt mounted auxiliary drum equipped for 26 mm wire rope is used, capacity with single part whip line is 20,000 Lbs. or 40,000 Lbs. with two part whip line. In all cases, upper boom point capacities cannot exceed those listed for main boom capacity.

Weight of upper boom point, 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.

OPERATING CONDITIONS: Machine to operate on a firm uniformly supporting surface with machine list not to exceed degrees noted. Refer to boom rigging **No. A00952** and Wire Rope Specification chart **No. 8443-A**. 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. Boom angle is angle between horizontal and centerline of boom butt and inserts, and is an indication of operating radius. In all cases, operating radius shall govern capacity.

BOOM POINT ELEVATION: Boom point elevation is vertical distance from barge deck to centerline of boom point shaft.

MACHINE EQUIPMENT: Machine equipped with 23 Ft. 10 in. crawlers, 48 in. treads, 23 Ft. live mast, 16 part boom hoist reeving, boom support straps, rotating bed No. A01066¹ or No. A03188 (refer to I.D. plate at front of rotating bed) and 71,500 Lb. crane counterweight.

¹WARNING: 1,250 Lb. front counterweight is required for cranes with rotating bed No. A01066 that do not have free-fall option. Counterweight can be removed only if crane has free-fall option on both front and rear drums.

Maximum Boom Lengths Lifted Unassisted		
List	Over End of Blocked Crawlers	Over Side of Crawlers
	Boom Length	Boom Length
0 Degree	(a,b) 210 Ft.	180 Ft.
1 Degree	(b) 200 Ft.	170 Ft.
2 Degree	(b) 200 Ft.	170 Ft.
3 Degree	190 Ft.	170 Ft.
Load block, hook and weight ball on barge deck at start. (a) Upper boom point cannot be attached on 210 Ft. boom. (b) Upper wire rope guide (No. A04352) for third line cannot be attached on 200 Ft. and 210 Ft. booms. Jib cannot be attached on crawler machine while operating on a barge.		



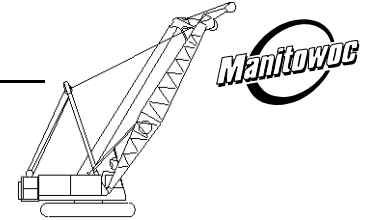
71,500 Lb. Crane Counterweight
4 Side Boxes

Upper Boom Point Deduct

Deduct 1,100 Lbs. from capacities when upper boom point is attached.

Wire Rope Guide Deduct (For Third Line)

Deduct 600 Lbs. from boom capacities when upper wire rope guide (No. A04352) for third line is attached.

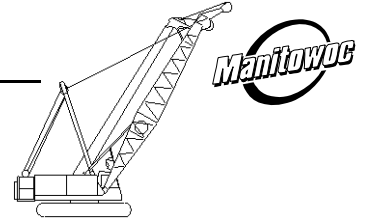


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50 Ft. Boom							
15	80.6	55.1	279,900 *b	240,900 *b	189,100 *b		15
16	79.4	54.9	263,300 *b	225,500 *b	176,800 *b	151,600 *b	16
17	78.2	54.6	246,700 b	211,900 *b	166,000 *b	142,200 *b	17
18	77.0	54.4	220,900 b	199,500 b	156,300 *b	133,800 *b	18
19	75.9	54.1	199,900 b	182,100 b	147,700 *b	126,300 *b	19
20	74.7	53.8	182,400 b	167,300 b	139,900 *b	119,600 *b	20
22	72.2	53.1	154,900 b	143,600 b	126,500 *b	107,900 *b	22
24	69.8	52.3	134,200 b	125,600 b	115,300 *b	98,200 *b	24
26	67.3	51.5	118,200	111,400	105,200	89,900 *	26
28	64.7	50.5	105,400	99,900	94,800	82,800 *	28
30	62.1	49.4	94,900	90,400	86,100	76,700 *	30
32	59.4	48.2	86,200	82,400	78,800	71,300 *	32
34	56.7	46.8	78,800	75,600	72,500	66,600 *	34
36	53.8	45.3	72,400	69,700	67,100	62,400 *	36
38	50.8	43.7	66,900	64,600	62,300	58,600 *	38
40	47.7	41.8	62,100	60,100	58,100	55,100 *	40
45	39.0	36.1	52,300	50,800	49,400	47,900 *	45
50	28.0	27.9	44,700	43,700	42,800	41,800	50
60 Ft. Boom							
15	82.2	65.2	279,800 *b				15
16	81.2	65.1	263,200 *b	225,500 *b			16
17	80.2	64.9	247,600 b	211,900 *b	166,000 *b		17
18	79.2	64.7	221,800 b	196,900 b	156,300 *b	133,900 *b	18
19	78.3	64.4	200,700 b	179,900 b	147,700 *b	126,400 *b	19
20	77.3	64.2	183,100 b	165,500 b	140,000 *b	119,600 *b	20
22	75.3	63.6	155,500 b	142,400 b	126,600 *b	108,000 *b	22
24	73.3	63.0	134,900 b	124,700 b	115,400 *b	98,200 *b	24
26	71.3	62.3	118,800	110,700	103,500	90,000 *	26
28	69.2	61.5	106,000	99,400	93,500	83,000 *	28
30	67.1	60.6	95,500	90,000	85,100	76,800 *	30
32	65.0	59.7	86,700	82,100	77,900	71,500 *	32
34	62.9	58.6	79,300	75,400	71,800	66,800 *	34
36	60.7	57.5	73,000	69,600	66,500	62,500 *	36
38	58.4	56.2	67,500	64,500	61,800	58,800 *	38
40	56.1	54.8	62,600	60,100	57,700	55,400 *	40
45	50.0	50.8	52,800	51,000	49,200	47,500	45
50	43.2	45.8	45,300	44,000	42,600	41,400	50
55	35.3	39.3	39,400	38,400	37,400	36,400	55
60	25.4	30.1	34,500	33,800	33,100	32,400	60

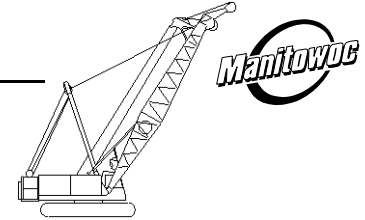


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Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds	2 Degree List Boom Capacity Pounds	3 Degree List Boom Capacity Pounds	Oper. Radius Feet
70 Ft. Boom							
16	82.5	75.2	262,800 *b				16
17	81.6	75.0	248,000 *b	211,800 *b			17
18	80.8	74.9	222,300 b	194,100 b	156,200 *b		18
19	80.0	74.7	201,200 b	177,600 b	147,600 *b	126,200 *b	19
20	79.1	74.5	183,500 b	163,500 b	139,800 *b	119,500 *b	20
22	77.4	74.0	155,900 b	140,900 b	126,500 *b	107,800 *b	22
24	75.8	73.5	135,200 b	123,600 b	113,600 b	98,100 *b	24
26	74.0	72.9	119,100	109,900	101,800	89,900 *	26
28	72.3	72.2	106,200	98,700	92,000	82,900 *	28
30	70.6	71.5	95,700	89,400	83,800	76,800 *	30
32	68.8	70.7	87,000	81,700	76,900	71,400 *	32
34	67.0	69.8	79,500	75,000	70,900	66,700 *	34
36	65.2	68.8	73,200	69,300	65,700	62,400	36
38	63.4	67.8	67,700	64,300	61,100	58,200	38
40	61.5	66.7	62,800	59,900	57,100	54,500	40
45	56.7	63.5	53,000	50,800	48,800	46,800	45
50	51.5	59.7	45,600	43,900	42,300	40,800	50
55	45.9	55.1	39,700	38,400	37,100	35,900	55
60	39.7	49.4	34,900	33,900	32,900	31,900	60
65	32.5	42.2	30,900	30,100	29,300	28,600	65
70	23.3	32.1	27,500	26,900	26,300	25,800	70
80 Ft. Boom							
17	82.7	85.2	247,800 *b				17
18	82.0	85.0	222,700 b	191,300 b			18
19	81.2	84.8	201,500 b	175,200 b			19
20	80.5	84.7	183,900 b	161,500 b	139,800 *b		20
22	79.0	84.3	156,200 b	139,500 b	125,700 b	107,800 *b	22
24	77.6	83.8	135,500 b	122,500 b	111,500 b	98,100 *b	24
26	76.1	83.3	119,300	109,000	100,000	89,900 *	26
28	74.6	82.7	106,500	98,000	90,600	82,900 *	28
30	73.1	82.1	95,900	88,900	82,600	76,800 *	30
32	71.6	81.4	87,200	81,200	75,900	71,000	32
34	70.1	80.6	79,700	74,600	70,000	65,800	34
36	68.5	79.8	73,400	69,000	64,900	61,300	36
38	67.0	79.0	67,900	64,000	60,500	57,200	38
40	65.4	78.0	63,000	59,600	56,500	53,600	40
45	61.3	75.4	53,200	50,700	48,300	46,100	45
50	57.1	72.2	45,800	43,800	42,000	40,200	50
55	52.6	68.5	39,900	38,300	36,900	35,500	55
60	47.9	64.2	35,100	33,900	32,700	31,600	60
65	42.7	59.0	31,100	30,200	29,200	28,300	65
70	37.0	52.7	27,800	27,000	26,300	25,500	70
75	30.3	44.8	24,900	24,300	23,700	23,100	75
80	21.7	34.0	22,400	22,000	21,500	21,000	80

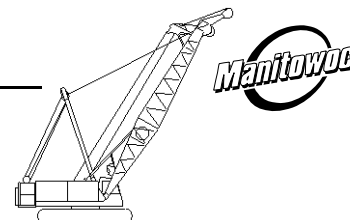


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90 Ft. Boom							
18	82.9	95.1	222,800 b				18
19	82.2	95.0	201,600 b				19
20	81.6	94.8	183,900 b	159,300 b			20
22	80.3	94.5	156,200 b	137,700 b	122,800 b		22
24	79.0	94.0	135,400 b	121,000 b	109,100 b	97,700 *b	24
26	77.7	93.6	119,300	107,800	98,100	89,500 *	26
28	76.4	93.1	106,400	97,000	88,900	81,800	28
30	75.0	92.5	95,800	88,000	81,100	75,100	30
32	73.7	91.9	87,000	80,400	74,600	69,400	32
34	72.4	91.3	79,600	73,900	68,900	64,300	34
36	71.0	90.6	73,200	68,300	63,900	59,900	36
38	69.7	89.8	67,700	63,400	59,500	56,000	38
40	68.3	89.0	62,900	59,100	55,600	52,500	40
45	64.8	86.7	53,100	50,200	47,600	45,200	45
50	61.2	84.0	45,600	43,400	41,400	39,400	50
55	57.4	80.9	39,700	38,000	36,300	34,800	55
60	53.5	77.3	35,000	33,600	32,200	30,900	60
65	49.4	73.2	31,000	29,900	28,800	27,700	65
70	44.9	68.3	27,700	26,800	25,800	25,000	70
75	40.1	62.7	24,900	24,100	23,300	22,600	75
80	34.7	55.8	22,400	21,800	21,100	20,500	80
85	28.5	47.3	20,200	19,700	19,200	18,700	85
90	20.4	35.7	18,300	17,900	17,500	17,100	90
100 Ft. Boom							
19	83.0	105.1	201,800 b				19
20	82.4	104.9	184,100 b				20
22	81.3	104.6	156,300 b	136,200 b			22
24	80.1	104.3	135,500 b	119,900 b	107,100 b		24
26	78.9	103.8	119,400	106,800	96,400	87,600	26
28	77.8	103.4	106,500	96,200	87,500	80,000	28
30	76.6	102.9	95,900	87,400	80,000	73,600	30
32	75.4	102.4	87,200	79,900	73,600	68,000	32
34	74.2	101.8	79,700	73,500	68,000	63,100	34
36	73.0	101.1	73,400	67,900	63,100	58,800	36
38	71.8	100.5	67,800	63,100	58,900	55,000	38
40	70.6	99.7	63,000	58,800	55,100	51,600	40
45	67.5	97.7	53,200	50,100	47,200	44,500	45
50	64.3	95.4	45,700	43,300	41,000	38,900	50
55	61.1	92.7	39,800	37,900	36,100	34,400	55
60	57.7	89.6	35,100	33,500	32,000	30,600	60
65	54.2	86.1	31,200	29,900	28,600	27,400	65
70	50.5	82.1	27,900	26,800	25,700	24,700	70
75	46.6	77.5	25,000	24,100	23,300	22,400	75
80	42.5	72.2	22,600	21,800	21,100	20,400	80
85	37.9	66.1	20,500	19,800	19,200	18,600	85
90	32.9	58.8	18,600	18,000	17,500	17,000	90
95	26.9	49.7	16,900	16,400	16,000	15,600	95
100	19.3	37.3	15,400	15,000	14,700	14,300	100

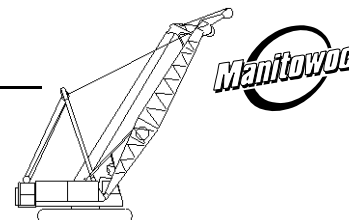


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110 Ft. Boom							
22	82.1	114.8	156,400				22
24	81.0	114.4	135,600	118,600	105,000		24
26	80.0	114.0	119,400	105,800	94,600	85,300	26
28	78.9	113.6	106,400	95,300	86,000	78,100	28
30	77.8	113.2	95,900	86,500	78,600	71,800	30
32	76.7	112.7	87,100	79,200	72,400	66,500	32
34	75.7	112.2	79,600	72,800	66,900	61,700	34
36	74.6	111.6	73,200	67,300	62,200	57,600	36
38	73.5	111.0	67,700	62,500	58,000	53,900	38
40	72.4	110.4	62,900	58,300	54,200	50,600	40
45	69.6	108.5	53,000	49,600	46,500	43,600	45
50	66.8	106.4	45,600	42,900	40,400	38,100	50
55	63.9	104.1	39,700	37,500	35,500	33,700	55
60	61.0	101.3	34,900	33,200	31,500	30,000	60
65	57.9	98.3	31,000	29,500	28,200	26,900	65
70	54.7	94.8	27,700	26,500	25,300	24,200	70
75	51.4	90.9	24,900	23,800	22,900	21,900	75
80	48.0	86.5	22,400	21,600	20,700	19,900	80
85	44.3	81.6	20,300	19,600	18,800	18,200	85
90	40.4	75.9	18,400	17,800	17,200	16,600	90
95	36.1	69.3	16,800	16,200	15,700	15,200	95
100	31.2	61.5	15,300	14,800	14,400	13,900	100
105	25.6	51.9	13,900	13,500	13,100	12,800	105
110	18.3	38.9	12,700	12,300	12,000	11,800	110
120 Ft. Boom							
22	82.7	124.9	156,400				22
24	81.8	124.6	135,500	117,300			24
26	80.8	124.2	119,300	104,700	92,900		26
28	79.8	123.8	106,400	94,400	84,500	76,200	28
30	78.9	123.4	95,800	85,700	77,300	70,200	30
32	77.9	123.0	87,000	78,500	71,200	65,000	32
34	76.9	122.5	79,500	72,200	65,900	60,400	34
36	75.9	122.0	73,100	66,800	61,200	56,400	36
38	74.9	121.4	67,600	62,000	57,100	52,800	38
40	73.9	120.9	62,800	57,800	53,500	49,600	40
45	71.4	119.2	52,900	49,200	45,900	42,800	45
50	68.9	117.3	45,400	42,500	39,900	37,500	50
55	66.3	115.2	39,600	37,200	35,100	33,100	55
60	63.6	112.7	34,800	32,900	31,100	29,400	60
65	60.9	110.0	30,900	29,300	27,800	26,400	65
70	58.1	106.9	27,600	26,200	25,000	23,800	70
75	55.2	103.5	24,700	23,600	22,500	21,500	75
80	52.2	99.7	22,300	21,300	20,400	19,500	80
85	49.1	95.5	20,200	19,400	18,600	17,800	85
90	45.8	90.8	18,300	17,600	16,900	16,200	90
95	42.3	85.5	16,700	16,000	15,400	14,900	95
100	38.5	79.4	15,200	14,600	14,100	13,600	100
105	34.4	72.4	13,800	13,400	12,900	12,500	105
110	29.8	64.2	12,600	12,200	11,800	11,500	110
115	24.4	54.1	11,500	11,200	10,800	10,500	115
120	17.5	40.4	10,500	10,200	9,900	9,700	120

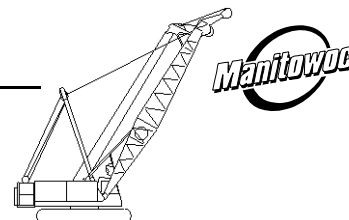


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130 Ft. Boom							
24	82.4	134.7	135,500				24
26	81.5	134.4	119,300	103,600			26
28	80.6	134.0	106,300	93,400	82,900		28
30	79.7	133.6	95,700	84,900	76,000	68,500	30
32	78.8	133.2	86,800	77,700	70,000	63,500	32
34	77.9	132.8	79,400	71,500	64,800	59,100	34
36	77.0	132.3	73,000	66,100	60,300	55,200	36
38	76.1	131.8	67,400	61,400	56,200	51,700	38
40	75.2	131.3	62,600	57,300	52,600	48,500	40
45	72.9	129.8	52,700	48,700	45,100	41,900	45
50	70.6	128.0	45,200	42,100	39,200	36,700	50
55	68.2	126.1	39,300	36,800	34,500	32,400	55
60	65.8	123.9	34,500	32,500	30,600	28,800	60
65	63.3	121.4	30,600	28,900	27,300	25,800	65
70	60.8	118.7	27,300	25,900	24,500	23,200	70
75	58.2	115.6	24,500	23,200	22,100	21,000	75
80	55.6	112.3	22,100	21,000	20,000	19,000	80
85	52.8	108.5	19,900	19,000	18,100	17,300	85
90	50.0	104.4	18,100	17,300	16,500	15,800	90
95	47.0	99.9	16,400	15,700	15,000	14,400	95
100	43.9	94.8	14,900	14,300	13,700	13,200	100
105	40.5	89.1	13,600	13,100	12,600	12,000	105
110	36.9	82.7	12,400	11,900	11,500	11,000	110
115	33.0	75.4	11,300	10,900	10,500	10,100	115
120	28.6	66.7	10,300	9,900	9,600	9,300	120
125	23.4	56.1	9,400	9,100	8,800	8,500	125
130	16.8	41.8	8,500	8,200	8,000	7,700	130

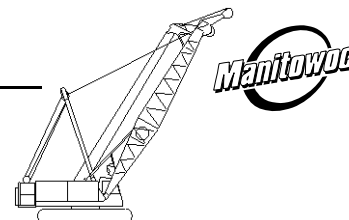


Liftcrane Boom Capacities

Boom No. 84
71,500 Lb. Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating

555 SERIES 1

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
140 Ft. Boom							
24	83.0	144.8	135,400				24
26	82.1	144.5	119,100				26
28	81.3	144.2	106,100	92,400			28
30	80.5	143.8	95,500	84,100	74,700		30
32	79.6	143.4	86,700	77,000	68,900	62,100	32
34	78.8	143.0	79,200	70,800	63,800	57,800	34
36	78.0	142.6	72,800	65,500	59,300	54,000	36
38	77.1	142.1	67,300	60,900	55,400	50,600	38
40	76.3	141.6	62,400	56,800	51,900	47,600	40
45	74.2	140.2	52,600	48,300	44,500	41,100	45
50	72.0	138.6	45,100	41,700	38,700	36,000	50
55	69.8	136.8	39,200	36,500	34,000	31,800	55
60	67.6	134.8	34,400	32,200	30,200	28,300	60
65	65.4	132.6	30,500	28,600	26,900	25,300	65
70	63.1	130.1	27,200	25,600	24,200	22,800	70
75	60.8	127.3	24,400	23,000	21,800	20,600	75
80	58.4	124.3	21,900	20,800	19,700	18,700	80
85	55.9	121.0	19,800	18,800	17,900	17,000	85
90	53.4	117.3	18,000	17,100	16,300	15,500	90
95	50.7	113.3	16,300	15,600	14,800	14,100	95
100	48.0	108.9	14,900	14,200	13,500	12,900	100
105	45.2	104.1	13,500	12,900	12,400	11,800	105
110	42.2	98.7	12,300	11,800	11,300	10,800	110
115	39.0	92.7	11,200	10,800	10,300	9,900	115
120	35.5	85.9	10,200	9,800	9,400	9,000	120
125	31.8	78.2	9,300	9,000	8,600	8,300	125
130	27.5	69.1	8,500	8,200	7,800	7,500	130
135	22.5	58.1	7,700	7,400	7,100	6,900	135
140	16.1	43.2	6,900	6,700	6,500	6,300	140

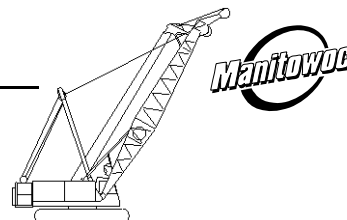


Liftcrane Boom Capacities

Boom No. 84
71,500 Lb. Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating

555 SERIES 1

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
150 Ft. Boom							
26	82.7	154.6	119,000				26
28	81.9	154.3	106,000	91,500			28
30	81.1	154.0	95,400	83,200			30
32	80.3	153.6	86,500	76,200	67,700		32
34	79.6	153.2	79,000	70,100	62,800	56,500	34
36	78.8	152.8	72,600	64,900	58,400	52,800	36
38	78.0	152.4	67,100	60,300	54,500	49,500	38
40	77.2	151.9	62,200	56,200	51,000	46,600	40
45	75.2	150.6	52,400	47,800	43,800	40,300	45
50	73.2	149.2	44,800	41,300	38,100	35,200	50
55	71.2	147.5	38,900	36,100	33,500	31,100	55
60	69.2	145.6	34,200	31,800	29,600	27,700	60
65	67.1	143.5	30,200	28,200	26,400	24,700	65
70	65.0	141.3	26,900	25,200	23,700	22,200	70
75	62.9	138.7	24,100	22,700	21,300	20,100	75
80	60.7	136.0	21,700	20,400	19,300	18,200	80
85	58.5	133.0	19,600	18,500	17,500	16,500	85
90	56.2	129.7	17,700	16,700	15,800	15,000	90
95	53.8	126.1	16,000	15,200	14,400	13,700	95
100	51.4	122.2	14,600	13,800	13,100	12,500	100
105	48.9	117.9	13,200	12,600	12,000	11,400	105
110	46.3	113.2	12,100	11,500	10,900	10,400	110
115	43.5	108.1	11,000	10,400	9,900	9,500	115
120	40.6	102.4	10,000	9,500	9,100	8,600	120
125	37.6	96.1	9,100	8,600	8,200	7,800	125
130	34.3	89.0	8,200	7,800	7,500	7,100	130
135	30.6	80.9	7,400	7,100	6,800	6,500	135
140	26.6	71.5	6,700	6,400	6,100	5,900	140
145	21.8	59.9	6,000	5,800	5,500	5,300	145
150	15.6	44.5	5,400	5,200	5,000	4,800	150

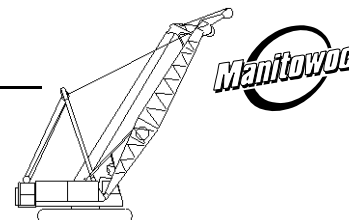


Liftcrane Boom Capacities

Boom No. 84
71,500 Lb. Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating

555 SERIES 1

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 Ft. Boom							
28	82.4	164.4	105,900				28
30	81.7	164.1	95,200	82,400			30
32	80.9	163.8	86,400	75,400	66,600		32
34	80.2	163.4	78,900	69,500	61,700		34
36	79.5	163.0	72,500	64,300	57,500	51,700	36
38	78.8	162.6	66,900	59,700	53,600	48,500	38
40	78.0	162.2	62,000	55,600	50,200	45,600	40
45	76.2	161.0	52,200	47,300	43,100	39,400	45
50	74.3	159.6	44,600	40,800	37,500	34,500	50
55	72.4	158.1	38,700	35,700	32,900	30,500	55
60	70.6	156.3	33,900	31,400	29,100	27,100	60
65	68.6	154.4	30,000	27,900	26,000	24,200	65
70	66.7	152.3	26,700	24,900	23,300	21,700	70
75	64.7	149.9	23,900	22,300	20,900	19,600	75
80	62.7	147.4	21,400	20,100	18,900	17,700	80
85	60.7	144.6	19,300	18,200	17,100	16,100	85
90	58.6	141.6	17,500	16,400	15,500	14,600	90
95	56.4	138.4	15,800	14,900	14,100	13,300	95
100	54.2	134.8	14,300	13,500	12,800	12,100	100
105	52.0	131.0	13,000	12,300	11,600	11,000	105
110	49.6	126.8	11,800	11,200	10,600	10,000	110
115	47.2	122.3	10,700	10,200	9,600	9,100	115
120	44.7	117.3	9,800	9,200	8,700	8,300	120
125	42.1	111.9	8,800	8,400	7,900	7,500	125
130	39.3	105.9	8,000	7,600	7,200	6,800	130
135	36.3	99.3	7,200	6,900	6,500	6,100	135
140	33.1	92.0	6,500	6,200	5,900	5,500	140
145	29.6	83.5	5,800	5,500	5,300	5,000	145
150	25.7	73.7	5,200	4,900	4,700	4,400	150
155	21.0	61.8	4,600	4,400	4,200		155
160	15.0	45.8	4,000				160

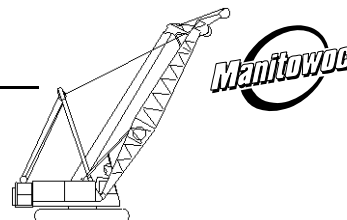


Liftcrane Boom Capacities

Boom No. 84
71,500 Lb. Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating

555 SERIES 1

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 Ft. Boom							
28	82.8	174.5	105,700				28
30	82.2	174.2	95,100				30
32	81.5	173.9	86,200	74,700			32
34	80.8	173.6	78,700	68,700	60,700		34
36	80.1	173.2	72,200	63,600	56,500		36
38	79.4	172.8	66,700	59,100	52,700	47,400	38
40	78.7	172.4	61,800	55,100	49,400	44,600	40
45	77.0	171.3	51,900	46,800	42,400	38,600	45
50	75.3	170.0	44,400	40,400	36,800	33,700	50
55	73.5	168.5	38,400	35,200	32,300	29,700	55
60	71.7	166.9	33,600	31,000	28,600	26,400	60
65	70.0	165.1	29,700	27,500	25,400	23,600	65
70	68.1	163.2	26,400	24,500	22,800	21,200	70
75	66.3	161.0	23,600	21,900	20,400	19,000	75
80	64.4	158.6	21,100	19,700	18,400	17,200	80
85	62.5	156.1	19,000	17,800	16,600	15,600	85
90	60.6	153.3	17,200	16,100	15,100	14,100	90
95	58.7	150.3	15,500	14,500	13,600	12,800	95
100	56.6	147.0	14,000	13,200	12,400	11,600	100
105	54.6	143.5	12,700	11,900	11,200	10,500	105
110	52.5	139.8	11,500	10,800	10,200	9,600	110
115	50.3	135.7	10,400	9,800	9,200	8,700	115
120	48.1	131.3	9,400	8,900	8,300	7,800	120
125	45.7	126.5	8,500	8,000	7,500	7,100	125
130	43.3	121.3	7,700	7,200	6,800	6,400	130
135	40.7	115.6	6,900	6,500	6,100	5,700	135
140	38.1	109.4	6,200	5,800	5,500	5,100	140
145	35.2	102.5	5,500	5,200	4,900	4,600	145
150	32.1	94.8	4,900	4,600	4,300	4,000	150
155	28.7	86.1	4,300	4,100			155

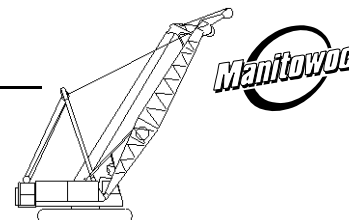


Liftcrane Boom Capacities

Boom No. 84
71,500 Lb. Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating

555 SERIES 1

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 Ft. Boom							
30	82.6	184.3	94,900				30
32	82.0	184.0	86,000	73,900			32
34	81.3	183.7	78,500	68,100			34
36	80.7	183.4	72,100	63,000	55,600		36
38	80.0	183.0	66,500	58,500	52,000	46,400	38
40	79.4	182.6	61,600	54,600	48,700	43,700	40
45	77.7	181.6	51,700	46,400	41,800	37,800	45
50	76.1	180.4	44,200	40,000	36,300	33,100	50
55	74.5	179.0	38,300	34,900	31,800	29,200	55
60	72.8	177.5	33,500	30,700	28,200	25,900	60
65	71.1	175.8	29,500	27,200	25,000	23,100	65
70	69.4	173.9	26,200	24,200	22,400	20,700	70
75	67.7	171.9	23,400	21,700	20,100	18,600	75
80	66.0	169.7	21,000	19,500	18,100	16,800	80
85	64.2	167.3	18,800	17,500	16,300	15,200	85
90	62.4	164.7	17,000	15,800	14,800	13,800	90
95	60.6	162.0	15,300	14,300	13,400	12,500	95
100	58.7	159.0	13,900	13,000	12,100	11,300	100
105	56.8	155.7	12,500	11,700	11,000	10,200	105
110	54.9	152.3	11,300	10,600	9,900	9,300	110
115	52.9	148.5	10,300	9,600	9,000	8,400	115
120	50.9	144.5	9,300	8,700	8,100	7,600	120
125	48.8	140.2	8,400	7,800	7,300	6,800	125
130	46.6	135.6	7,500	7,000	6,600	6,100	130
135	44.3	130.6	6,800	6,300	5,900	5,500	135
140	42.0	125.1	6,100	5,600	5,300	4,900	140
145	39.5	119.2	5,400	5,000	4,700	4,300	145
150	36.9	112.7	4,800	4,400	4,100		150
155	34.1	105.6	4,200				155

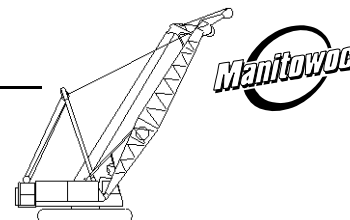


Liftcrane Boom Capacities

Boom No. 84
71,500 Lb. Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating

555 SERIES 1

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 Ft. Boom							
32	82.4	194.1	85,800				32
34	81.8	193.8	78,300				34
36	81.2	193.5	71,900	62,400			36
38	80.6	193.2	66,300	57,900			38
40	79.9	192.8	61,400	54,000	47,800		40
45	78.4	191.8	51,500	45,800	41,100	37,000	45
50	76.9	190.7	43,900	39,500	35,700	32,300	50
55	75.3	189.4	38,000	34,400	31,300	28,500	55
60	73.7	187.9	33,200	30,200	27,600	25,300	60
65	72.1	186.3	29,200	26,800	24,500	22,500	65
70	70.5	184.6	25,900	23,800	21,900	20,200	70
75	68.9	182.7	23,100	21,300	19,600	18,100	75
80	67.3	180.6	20,600	19,100	17,600	16,300	80
85	65.7	178.4	18,500	17,100	15,900	14,700	85
90	64.0	176.0	16,700	15,400	14,300	13,300	90
95	62.3	173.4	15,000	13,900	12,900	12,000	95
100	60.6	170.6	13,500	12,600	11,700	10,800	100
105	58.8	167.6	12,200	11,400	10,500	9,800	105
110	57.0	164.4	11,000	10,200	9,500	8,800	110
115	55.2	161.0	9,900	9,200	8,600	7,900	115
120	53.3	157.3	9,000	8,300	7,700	7,100	120
125	51.4	153.4	8,000	7,500	6,900	6,400	125
130	49.4	149.2	7,200	6,700	6,200	5,700	130
135	47.4	144.6	6,400	6,000	5,500	5,100	135
140	45.3	139.8	5,700	5,300	4,900	4,500	140
145	43.1	134.5	5,100	4,700	4,300		145
150	40.8	128.9	4,500	4,100			150

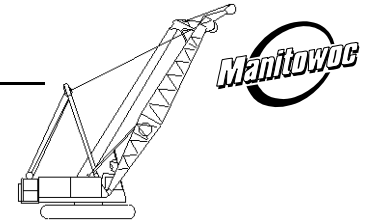


Liftcrane Boom Capacities

Boom No. 84
71,500 Lb. Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating

555 SERIES 1

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	Oper. Radius Feet
200 Ft. Boom						
34	82.2	204.0	78,100			34
36	81.6	203.6	71,600			36
38	81.0	203.3	66,000	57,300		38
40	80.4	203.0	61,200	53,400	47,100	40
45	79.0	202.0	51,200	45,300	40,400	45
50	77.5	200.9	43,700	39,000	35,000	50
55	76.0	199.7	37,700	34,000	30,700	55
60	74.6	198.4	32,900	29,800	27,100	60
65	73.1	196.9	29,000	26,400	24,000	65
70	71.6	195.2	25,600	23,400	21,400	70
75	70.0	193.4	22,800	20,900	19,200	75
80	68.5	191.5	20,400	18,700	17,200	80
85	66.9	189.4	18,300	16,800	15,500	85
90	65.4	187.1	16,400	15,100	13,900	90
95	63.8	184.7	14,700	13,600	12,500	95
100	62.2	182.1	13,300	12,200	11,300	100
105	60.5	179.3	11,900	11,000	10,200	105
110	58.9	176.3	10,700	9,900	9,100	110
115	57.2	173.1	9,700	8,900	8,200	115
120	55.4	169.7	8,700	8,000	7,400	120
125	53.7	166.1	7,800	7,200	6,600	125
130	51.8	162.2	6,900	6,400	5,800	130
135	50.0	158.1	6,200	5,700	5,200	135
140	48.1	153.6	5,500	5,000	4,500	140
145	46.1	148.9	4,800	4,400	4,000	145
150	44.1	143.8	4,200			150



Liftcrane Boom Capacities

Boom No. 84
71,500 Lb. Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating

555 SERIES 1

Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds
210 Ft. Boom			
36	82.0	213.8	71,400
38	81.5	213.5	65,800
40	80.9	213.1	60,900
45	79.5	212.2	51,000
50	78.1	211.2	43,400
55	76.7	210.0	37,400
60	75.3	208.7	32,600
65	73.9	207.3	28,700
70	72.5	205.8	25,300
75	71.0	204.1	22,500
80	69.6	202.2	20,000
85	68.1	200.2	17,900
90	66.6	198.1	16,100
95	65.1	195.8	14,400
100	63.6	193.3	12,900
105	62.1	190.7	11,600
110	60.5	187.9	10,400
115	58.9	185.0	9,300
120	57.3	181.8	8,300
125	55.7	178.4	7,400
130	54.0	174.8	6,600
135	52.3	171.0	5,800
140	50.5	166.9	5,100
145	48.7	162.6	4,500