

Liftcrane Boom Capacities

Boom No. 84
98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating

555 SERIES 2

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

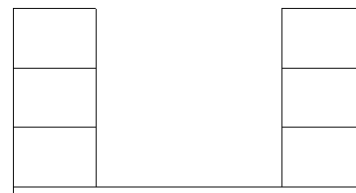
judgment must be used to allow for dynamic load effects of swinging, hoisting or lowering, wind conditions, as well as adverse operating conditions and physical machine depreciation. Refer to operators manual for operating guidelines.

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), 98,500 Lb. crane counterweight and two 22,000 Lb. carbody counterweights.

¹**WARNING:** 570 kg 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.

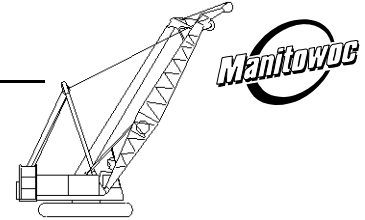


98,500 Lb. Crane Counterweight
6 Side Boxes

Maximum Boom Lengths Lifted Unassisted		
List	Over End of Blocked Crawlers	Over Side of Crawlers
	Boom Length	Boom Length
0 Degree	(a,b) 250 Ft.	(b) 220 Ft.
1 Degree	230 Ft.	210 Ft.
2 Degree	210 Ft.	210 Ft.
3 Degree	190 Ft.	190 Ft.
Load block, hook and weight ball on barge deck at start. (a) Upper boom point cannot be used on 250 Ft. boom. (b) Upper wire rope guide (No. A04352) for third line cannot be attached on 240 Ft. and 250 Ft. booms and cannot be lifted over side of crawlers on 220 Ft. boom. Jib cannot be attached on crawler machine while operating on a barge.		

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.

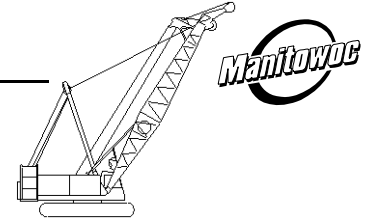


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Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds	2 Degree List Boom Capacity Pounds	3 Degree List Boom Capacity Pounds	Oper. Radius Feet
50 Ft. Boom							
15	80.6	55.1	300,000 *b	253,200 *b	205,900 *b		15
16	79.4	54.9	282,200 *b	237,000 *b	192,500 *b	169,500 *b	16
17	78.2	54.6	266,500 *b	222,800 *b	180,800 *b	159,000 *b	17
18	77.0	54.4	252,300 *b	210,100 *b	170,300 *b	149,700 *b	18
19	75.9	54.1	239,500 *b	198,700 *b	160,900 *b	141,400 *b	19
20	74.7	53.8	228,000 *b	188,500 *b	152,500 *b	133,900 *b	20
22	72.2	53.1	207,100 b	170,900 *b	137,900 *b	120,900 *b	22
24	69.8	52.3	179,900 b	156,100 *b	125,800 *b	110,100 *b	24
26	67.3	51.5	158,800	143,700 *	115,500 *	100,900 *	26
28	64.7	50.5	141,900	133,000 *	106,700 *	93,100 *	28
30	62.1	49.4	128,100	122,100	99,000 *	86,300 *	30
32	59.4	48.2	116,600	111,500	92,300 *	80,300 *	32
34	56.7	46.8	106,900	102,600	86,400 *	75,000 *	34
36	53.8	45.3	98,500	94,800	81,100 *	70,300 *	36
38	50.8	43.7	91,200	88,100	76,400 *	66,100 *	38
40	47.7	41.8	84,900	82,200	72,200 *	62,300 *	40
45	39.0	36.1	72,000	70,100	63,200 *	54,200 *	45
50	28.0	27.9	62,000	60,700	55,900 *	47,700 *	50
60 Ft. Boom							
15	82.2	65.2	299,000 *b				15
16	81.2	65.1	282,100 *b	237,100 *b			16
17	80.2	64.9	266,400 *b	222,800 *b	180,800 *b		17
18	79.2	64.7	252,300 *b	210,100 *b	170,300 *b	137,100 *b	18
19	78.3	64.4	239,500 *b	198,800 *b	161,000 *b	137,100 *b	19
20	77.3	64.2	227,900 *b	188,500 *b	152,500 *b	133,900 *b	20
22	75.3	63.6	207,800 *b	170,900 *b	138,000 *b	121,000 *b	22
24	73.3	63.0	180,600 b	156,200 *b	125,900 *b	110,200 *b	24
26	71.3	62.3	159,400	143,700 *	115,600 *	101,000 *	26
28	69.2	61.5	142,500	133,100 *	106,800 *	93,200 *	28
30	67.1	60.6	128,700	121,500	99,100 *	86,400 *	30
32	65.0	59.7	117,100	111,100	92,500 *	80,400 *	32
34	62.9	58.6	107,400	102,200	86,600 *	75,200 *	34
36	60.7	57.5	99,000	94,600	81,300 *	70,500 *	36
38	58.4	56.2	91,800	87,900	76,600 *	66,300 *	38
40	56.1	54.8	85,400	82,100	72,400 *	62,500 *	40
45	50.0	50.8	72,500	70,100	63,400 *	54,500 *	45
50	43.2	45.8	62,700	60,900	56,200 *	48,100 *	50
55	35.3	39.3	54,900	53,500	50,300 *	42,800 *	55
60	25.4	30.1	48,500	47,600	45,300 *	38,300 *	60

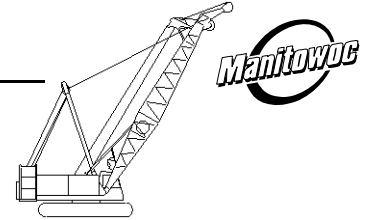


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555 SERIES 2

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70 Ft. Boom							
16	82.5	75.2	277,400 *b				16
17	81.6	75.0	266,200 *b	222,700 *b			17
18	80.8	74.9	252,000 *b	210,000 *b	170,200 *b		18
19	80.0	74.7	239,300 *b	198,700 *b	160,900 *b	131,400 *b	19
20	79.1	74.5	227,700 *b	188,500 *b	152,400 *b	131,300 *b	20
22	77.4	74.0	207,600 *b	170,800 *b	137,900 *b	120,900 *b	22
24	75.8	73.5	180,900 b	156,100 *b	125,800 *b	110,100 *b	24
26	74.0	72.9	159,700	143,700 *	115,500 *	100,900 *	26
28	72.3	72.2	142,800	132,800	106,700 *	93,100 *	28
30	70.6	71.5	128,900	120,600	99,100 *	86,300 *	30
32	68.8	70.7	117,400	110,400	92,400 *	80,400 *	32
34	67.0	69.8	107,600	101,600	86,500 *	75,100 *	34
36	65.2	68.8	99,200	94,100	81,300 *	70,400 *	36
38	63.4	67.8	92,000	87,500	76,600 *	66,300 *	38
40	61.5	66.7	85,600	81,700	72,300 *	62,500 *	40
45	56.7	63.5	72,800	69,800	63,400 *	54,500 *	45
50	51.5	59.7	62,900	60,700	56,200 *	48,100 *	50
55	45.9	55.1	55,200	53,400	50,400 *	42,900 *	55
60	39.7	49.4	48,900	47,500	45,400 *	38,500 *	60
65	32.5	42.2	43,700	42,600	41,300 *	34,800 *	65
70	23.3	32.1	39,200	38,400	37,600 *	31,500 *	70
80 Ft. Boom							
17	82.7	85.2	264,000 *b				17
18	82.0	85.0	251,900 *b	210,000 *b			18
19	81.2	84.8	239,200 *b	198,600 *b			19
20	80.5	84.7	227,700 *b	188,400 *b	152,400 *b		20
22	79.0	84.3	207,500 *b	170,800 *b	137,900 *b	120,800 *b	22
24	77.6	83.8	181,200 b	156,100 *b	125,700 *b	110,000 *b	24
26	76.1	83.3	159,900	143,700 *	115,500 *	100,900 *	26
28	74.6	82.7	143,000	131,800	106,700 *	93,100 *	28
30	73.1	82.1	129,100	119,800	99,100 *	86,300 *	30
32	71.6	81.4	117,600	109,700	92,400 *	80,400 *	32
34	70.1	80.6	107,800	101,100	86,500 *	75,100 *	34
36	68.5	79.8	99,400	93,600	81,300 *	70,500 *	36
38	67.0	79.0	92,200	87,100	76,600 *	66,300 *	38
40	65.4	78.0	85,800	81,300	72,400 *	62,500 *	40
45	61.3	75.4	72,900	69,600	63,500 *	54,600 *	45
50	57.1	72.2	63,100	60,500	56,300 *	48,200 *	50
55	52.6	68.5	55,400	53,400	50,400 *	43,000 *	55
60	47.9	64.2	49,100	47,500	45,600 *	38,600 *	60
65	42.7	59.0	43,900	42,600	41,400	34,900 *	65
70	37.0	52.7	39,600	38,500	37,500	31,700 *	70
75	30.3	44.8	35,800	35,000	34,200	28,900 *	75
80	21.7	34.0	32,500	31,900	31,300	26,400 *	80

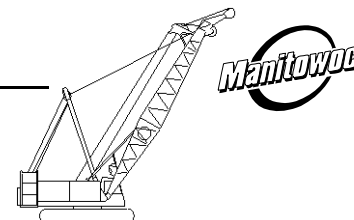


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90 Ft. Boom							
18	82.9	95.1	243,100 *b				18
19	82.2	95.0	238,700 *b				19
20	81.6	94.8	227,200 *b	185,100 *b			20
22	80.3	94.5	207,100 *b	170,600 *b	137,500 *b		22
24	79.0	94.0	181,100 b	155,900 *b	125,400 *b	109,700 *b	24
26	77.7	93.6	159,900	143,400 *	115,200 *	100,600 *	26
28	76.4	93.1	142,900	130,500	106,400 *	92,700 *	28
30	75.0	92.5	129,000	118,700	98,800 *	86,000 *	30
32	73.7	91.9	117,400	108,700	92,100 *	80,000 *	32
34	72.4	91.3	107,700	100,200	86,200 *	74,800 *	34
36	71.0	90.6	99,300	92,800	81,000 *	70,100 *	36
38	69.7	89.8	92,000	86,300	76,300 *	66,000 *	38
40	68.3	89.0	85,700	80,700	72,100 *	62,200 *	40
45	64.8	86.7	72,800	69,000	63,200 *	54,300 *	45
50	61.2	84.0	63,000	60,100	56,100 *	47,900 *	50
55	57.4	80.9	55,200	52,900	50,200 *	42,700 *	55
60	53.5	77.3	49,000	47,100	45,300	38,400 *	60
65	49.4	73.2	43,800	42,300	40,800	34,700 *	65
70	44.9	68.3	39,500	38,200	37,000	31,500 *	70
75	40.1	62.7	35,700	34,700	33,700	28,800 *	75
80	34.7	55.8	32,500	31,700	30,900	26,300 *	80
85	28.5	47.3	29,700	29,000	28,300	24,200 *	85
90	20.4	35.7	27,200	26,700	26,100	22,200 *	90
100 Ft. Boom							
19	83.0	105.1	231,000 *b				19
20	82.4	104.9	227,200 *b				20
22	81.3	104.6	207,000 *b	169,700 *b			22
24	80.1	104.3	181,200 b	155,900 *b	125,400 *b		24
26	78.9	103.8	160,000	143,400 *	115,200 *	100,600 *	26
28	77.8	103.4	143,000	129,500	106,400 *	92,700 *	28
30	76.6	102.9	129,100	117,800	98,800 *	86,000 *	30
32	75.4	102.4	117,600	108,000	92,100 *	80,000 *	32
34	74.2	101.8	107,800	99,600	86,200 *	74,800 *	34
36	73.0	101.1	99,400	92,300	81,000 *	70,200 *	36
38	71.8	100.5	92,100	85,900	76,300 *	66,000 *	38
40	70.6	99.7	85,800	80,300	72,100 *	62,200 *	40
45	67.5	97.7	72,900	68,800	63,200 *	54,300 *	45
50	64.3	95.4	63,100	59,900	56,100 *	48,000 *	50
55	61.1	92.7	55,400	52,800	50,300 *	42,800 *	55
60	57.7	89.6	49,100	47,000	45,000	38,500 *	60
65	54.2	86.1	43,900	42,200	40,600	34,800 *	65
70	50.5	82.1	39,600	38,200	36,800	31,600 *	70
75	46.6	77.5	35,900	34,700	33,500	28,900 *	75
80	42.5	72.2	32,700	31,700	30,700	26,500 *	80
85	37.9	66.1	29,900	29,100	28,200	24,300 *	85
90	32.9	58.8	27,500	26,700	26,100	22,400 *	90
95	26.9	49.7	25,300	24,700	24,100	20,700 *	95
100	19.3	37.3	23,300	22,800	22,400	19,100 *	100

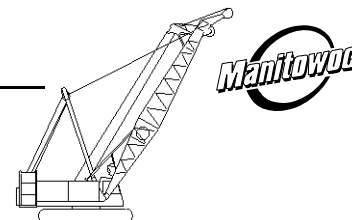


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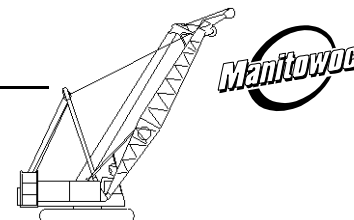
Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds	2 Degree List Boom Capacity Pounds	3 Degree List Boom Capacity Pounds	Oper. Radius Feet
110 Ft. Boom							
22	82.1	114.8	204,300 *				22
24	81.0	114.4	181,300	150,200 *	125,100 *		24
26	80.0	114.0	160,000	142,000	114,900 *	100,200 *	26
28	78.9	113.6	143,000	128,200	106,100 *	92,400 *	28
30	77.8	113.2	129,100	116,800	98,500 *	85,700 *	30
32	76.7	112.7	117,500	107,100	91,800 *	79,700 *	32
34	75.7	112.2	107,700	98,700	86,000 *	74,500 *	34
36	74.6	111.6	99,300	91,500	80,700 *	69,900 *	36
38	73.5	111.0	92,000	85,200	76,100 *	65,700 *	38
40	72.4	110.4	85,600	79,600	71,900 *	61,900 *	40
45	69.6	108.5	72,800	68,200	63,000 *	54,000 *	45
50	66.8	106.4	62,900	59,400	55,900 *	47,700 *	50
55	63.9	104.1	55,200	52,400	49,700	42,500 *	55
60	61.0	101.3	48,900	46,600	44,500	38,200 *	60
65	57.9	98.3	43,800	41,800	40,000	34,500 *	65
70	54.7	94.8	39,400	37,800	36,300	31,400 *	70
75	51.4	90.9	35,700	34,400	33,100	28,600 *	75
80	48.0	86.5	32,500	31,400	30,300	26,200 *	80
85	44.3	81.6	29,800	28,800	27,800	24,100 *	85
90	40.4	75.9	27,300	26,500	25,700	22,200 *	90
95	36.1	69.3	25,100	24,400	23,700	20,500 *	95
100	31.2	61.5	23,200	22,600	22,000	18,900 *	100
105	25.6	51.9	21,400	20,900	20,400	17,500 *	105
110	18.3	38.9	19,800	19,400	19,000	16,200 *	110



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120 Ft. Boom							
22	82.7	124.9	194,300 *				22
24	81.8	124.6	181,200	141,600 *			24
26	80.8	124.2	159,900	137,900 *	114,700 *		26
28	79.8	123.8	142,900	127,100	105,900 *	92,200 *	28
30	78.9	123.4	129,000	115,700	98,300 *	85,400 *	30
32	77.9	123.0	117,400	106,200	91,700 *	79,500 *	32
34	76.9	122.5	107,600	97,900	85,800 *	74,300 *	34
36	75.9	122.0	99,200	90,800	80,600 *	69,600 *	36
38	74.9	121.4	91,900	84,600	75,900 *	65,500 *	38
40	73.9	120.9	85,500	79,000	71,700 *	61,700 *	40
45	71.4	119.2	72,600	67,700	62,800 *	53,800 *	45
50	68.9	117.3	62,800	59,000	55,500	47,500 *	50
55	66.3	115.2	55,100	52,000	49,100	42,300 *	55
60	63.6	112.7	48,800	46,300	43,900	38,000 *	60
65	60.9	110.0	43,600	41,500	39,600	34,300 *	65
70	58.1	106.9	39,300	37,500	35,900	31,200 *	70
75	55.2	103.5	35,600	34,100	32,700	28,400 *	75
80	52.2	99.7	32,400	31,100	29,900	26,100 *	80
85	49.1	95.5	29,600	28,500	27,500	23,900 *	85
90	45.8	90.8	27,200	26,300	25,300	22,000 *	90
95	42.3	85.5	25,000	24,200	23,400	20,400 *	95
100	38.5	79.4	23,100	22,400	21,700	18,800 *	100
105	34.4	72.4	21,300	20,700	20,100	17,400 *	105
110	29.8	64.2	19,800	19,200	18,700	16,200 *	110
115	24.4	54.1	18,300	17,900	17,400	15,000 *	115
120	17.5	40.4	17,000	16,600	16,300	13,900 *	120

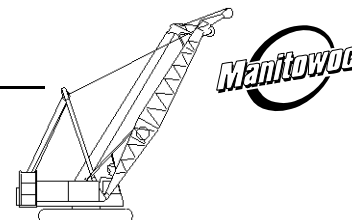


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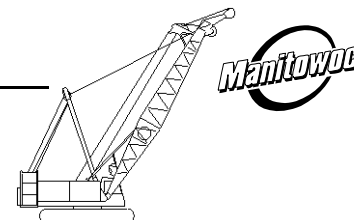
Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds	2 Degree List Boom Capacity Pounds	3 Degree List Boom Capacity Pounds	Oper. Radius Feet
130 Ft. Boom							
24	82.4	134.7	173,000 *				24
26	81.5	134.4	159,900	125,400 *			26
28	80.6	134.0	142,800	122,300 *	102,500 *		28
30	79.7	133.6	128,900	114,700	98,000 *	85,100 *	30
32	78.8	133.2	117,300	105,200	91,400 *	79,200 *	32
34	77.9	132.8	107,400	97,100	85,500 *	73,900 *	34
36	77.0	132.3	99,000	90,000	80,300 *	69,300 *	36
38	76.1	131.8	91,700	83,800	75,600 *	65,100 *	38
40	75.2	131.3	85,300	78,400	71,400 *	61,400 *	40
45	72.9	129.8	72,400	67,100	62,400	53,500 *	45
50	70.6	128.0	62,600	58,400	54,700	47,200 *	50
55	68.2	126.1	54,800	51,500	48,500	42,000 *	55
60	65.8	123.9	48,600	45,800	43,300	37,700 *	60
65	63.3	121.4	43,400	41,100	39,000	34,000 *	65
70	60.8	118.7	39,000	37,100	35,300	30,900 *	70
75	58.2	115.6	35,400	33,700	32,200	28,100 *	75
80	55.6	112.3	32,200	30,800	29,400	25,700 *	80
85	52.8	108.5	29,400	28,200	27,000	23,600 *	85
90	50.0	104.4	27,000	25,900	24,900	21,700 *	90
95	47.0	99.9	24,800	23,900	23,000	20,100 *	95
100	43.9	94.8	22,900	22,000	21,300	18,500 *	100
105	40.5	89.1	21,100	20,400	19,700	17,100 *	105
110	36.9	82.7	19,500	18,900	18,300	15,900 *	110
115	33.0	75.4	18,100	17,600	17,000	14,700 *	115
120	28.6	66.7	16,800	16,300	15,900	13,700 *	120
125	23.4	56.1	15,600	15,200	14,800	12,700 *	125
130	16.8	41.8	14,400	14,100	13,800	11,700 *	130



Liftcrane Boom Capacities

Boom No. 84
98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating
555 SERIES 2

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	162,500 *				24
26	82.1	144.5	157,600 *				26
28	81.3	144.2	142,700	115,500 *			28
30	80.5	143.8	128,700	112,400 *	94,900 *		30
32	79.6	143.4	117,100	104,300	91,200 *	79,000 *	32
34	78.8	143.0	107,300	96,300	85,300 *	73,800 *	34
36	78.0	142.6	98,900	89,300	80,100 *	69,100 *	36
38	77.1	142.1	91,600	83,200	75,400 *	65,000 *	38
40	76.3	141.6	85,200	77,800	71,200 *	61,200 *	40
45	74.2	140.2	72,300	66,600	61,700	53,300 *	45
50	72.0	138.6	62,400	58,000	54,000	47,000 *	50
55	69.8	136.8	54,700	51,100	47,900	41,800 *	55
60	67.6	134.8	48,400	45,500	42,800	37,500 *	60
65	65.4	132.6	43,300	40,800	38,600	33,900 *	65
70	63.1	130.1	38,900	36,900	34,900	30,700 *	70
75	60.8	127.3	35,200	33,500	31,800	28,000 *	75
80	58.4	124.3	32,100	30,500	29,100	25,600 *	80
85	55.9	121.0	29,300	28,000	26,700	23,500 *	85
90	53.4	117.3	26,900	25,700	24,600	21,600 *	90
95	50.7	113.3	24,700	23,700	22,700	19,900 *	95
100	48.0	108.9	22,800	21,900	21,000	18,400 *	100
105	45.2	104.1	21,000	20,200	19,500	17,100 *	105
110	42.2	98.7	19,500	18,800	18,100	15,800 *	110
115	39.0	92.7	18,000	17,400	16,800	14,700 *	115
120	35.5	85.9	16,700	16,200	15,700	13,600 *	120
125	31.8	78.2	15,500	15,100	14,600	12,600 *	125
130	27.5	69.1	14,400	14,000	13,600	11,700 *	130
135	22.5	58.1	13,400	13,000	12,700	10,800 *	135
140	16.1	43.2	12,400	12,100	11,900	10,000 *	140

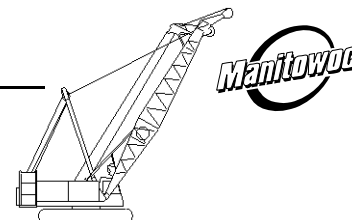


Liftcrane Boom Capacities

Boom No. 84
98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating

555 SERIES 2

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	149,600 *				26
28	81.9	154.3	142,500	107,700 *			28
30	81.1	154.0	128,600	105,300 *			30
32	80.3	153.6	116,900	103,000 *	85,700 *		32
34	79.6	153.2	107,100	95,400	84,000 *	72,000 *	34
36	78.8	152.8	98,700	88,500	79,800 *	68,800 *	36
38	78.0	152.4	91,400	82,400	74,800	64,600 *	38
40	77.2	151.9	85,000	77,100	70,300	60,900 *	40
45	75.2	150.6	72,100	66,000	60,800	53,000 *	45
50	73.2	149.2	62,200	57,500	53,300	46,700 *	50
55	71.2	147.5	54,400	50,600	47,200	41,500 *	55
60	69.2	145.6	48,200	45,000	42,200	37,200 *	60
65	67.1	143.5	43,000	40,400	38,000	33,500 *	65
70	65.0	141.3	38,700	36,500	34,400	30,400 *	70
75	62.9	138.7	35,000	33,100	31,300	27,700 *	75
80	60.7	136.0	31,800	30,100	28,600	25,300 *	80
85	58.5	133.0	29,000	27,600	26,200	23,200 *	85
90	56.2	129.7	26,600	25,300	24,100	21,300 *	90
95	53.8	126.1	24,400	23,300	22,300	19,600 *	95
100	51.4	122.2	22,500	21,500	20,600	18,100 *	100
105	48.9	117.9	20,800	19,900	19,100	16,700 *	105
110	46.3	113.2	19,200	18,400	17,700	15,500 *	110
115	43.5	108.1	17,800	17,100	16,400	14,300 *	115
120	40.6	102.4	16,500	15,900	15,300	13,300 *	120
125	37.6	96.1	15,300	14,700	14,200	12,300 *	125
130	34.3	89.0	14,200	13,700	13,200	11,400 *	130
135	30.6	80.9	13,200	12,700	12,300	10,600 *	135
140	26.6	71.5	12,200	11,800	11,500	9,800 *	140
145	21.8	59.9	11,300	11,000	10,700	9,000 *	145
150	15.6	44.5	10,500	10,200	10,000	8,300 *	150

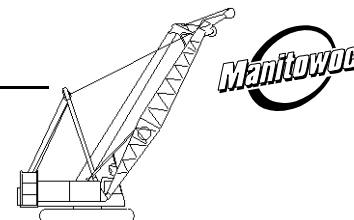


Liftcrane Boom Capacities

Boom No. 84
98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating

555 SERIES 2

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	132,000 *				28
30	81.7	164.1	128,400	98,700 *			30
32	80.9	163.8	116,800	96,400 *	80,600 *		32
34	80.2	163.4	106,900	94,200 *	78,900 *		34
36	79.5	163.0	98,500	87,700	77,300 *	66,700 *	36
38	78.8	162.6	91,200	81,700	73,800	64,300 *	38
40	78.0	162.2	84,800	76,400	69,300	60,600 *	40
45	76.2	161.0	71,900	65,500	60,000	52,700 *	45
50	74.3	159.6	62,000	57,000	52,600	46,400 *	50
55	72.4	158.1	54,200	50,200	46,600	41,200 *	55
60	70.6	156.3	47,900	44,600	41,600	36,900 *	60
65	68.6	154.4	42,800	40,000	37,500	33,200 *	65
70	66.7	152.3	38,400	36,100	33,900	30,100 *	70
75	64.7	149.9	34,700	32,700	30,900	27,400 *	75
80	62.7	147.4	31,600	29,800	28,200	25,000 *	80
85	60.7	144.6	28,800	27,300	25,800	22,900 *	85
90	58.6	141.6	26,300	25,000	23,700	21,000 *	90
95	56.4	138.4	24,200	23,000	21,900	19,400 *	95
100	54.2	134.8	22,300	21,200	20,200	17,900 *	100
105	52.0	131.0	20,500	19,600	18,700	16,500 *	105
110	49.6	126.8	19,000	18,100	17,300	15,200 *	110
115	47.2	122.3	17,500	16,800	16,100	14,100 *	115
120	44.7	117.3	16,300	15,600	14,900	13,000 *	120
125	42.1	111.9	15,100	14,500	13,900	12,100 *	125
130	39.3	105.9	14,000	13,400	12,900	11,200 *	130
135	36.3	99.3	13,000	12,500	12,000	10,400 *	135
140	33.1	92.0	12,000	11,600	11,200	9,600 *	140
145	29.6	83.5	11,100	10,800	10,400	8,800 *	145
150	25.7	73.7	10,300	10,000	9,700	8,200 *	150
155	21.0	61.8	9,600	9,300	9,000	7,500 *	155
160	15.0	45.8	8,800	8,600	8,300	6,900 *	160

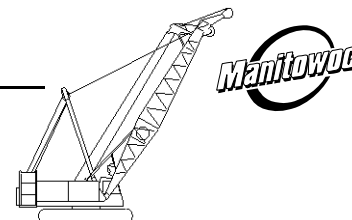


Liftcrane Boom Capacities

Boom No. 84
98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating

555 SERIES 2

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	127,000 *				28
30	82.2	174.2	123,700 *				30
32	81.5	173.9	116,600	89,400 *			32
34	80.8	173.6	106,700	87,600 *	72,300 *		34
36	80.1	173.2	98,300	85,800 *	71,000 *		36
38	79.4	172.8	91,000	81,000	69,700 *	59,400 *	38
40	78.7	172.4	84,600	75,700	68,300	58,400 *	40
45	77.0	171.3	71,600	64,900	59,100	52,300 *	45
50	75.3	170.0	61,700	56,400	51,800	46,000 *	50
55	73.5	168.5	53,900	49,700	45,900	40,800 *	55
60	71.7	166.9	47,700	44,200	41,000	36,500 *	60
65	70.0	165.1	42,500	39,500	36,900	32,900 *	65
70	68.1	163.2	38,100	35,600	33,400	29,700 *	70
75	66.3	161.0	34,400	32,300	30,300	27,000 *	75
80	64.4	158.6	31,200	29,400	27,700	24,600 *	80
85	62.5	156.1	28,500	26,800	25,300	22,500 *	85
90	60.6	153.3	26,000	24,600	23,300	20,700 *	90
95	58.7	150.3	23,900	22,600	21,400	19,000 *	95
100	56.6	147.0	21,900	20,800	19,800	17,500 *	100
105	54.6	143.5	20,200	19,200	18,300	16,100 *	105
110	52.5	139.8	18,700	17,700	16,900	14,900 *	110
115	50.3	135.7	17,200	16,400	15,600	13,700 *	115
120	48.1	131.3	15,900	15,200	14,500	12,700 *	120
125	45.7	126.5	14,800	14,100	13,500	11,700 *	125
130	43.3	121.3	13,700	13,100	12,500	10,800 *	130
135	40.7	115.6	12,700	12,100	11,600	10,000 *	135
140	38.1	109.4	11,700	11,200	10,800	9,200 *	140
145	35.2	102.5	10,900	10,400	10,000	8,500 *	145
150	32.1	94.8	10,000	9,600	9,300	7,800 *	150
155	28.7	86.1	9,300	8,900	8,600	7,200 *	155
160	24.9	75.9	8,600	8,200	7,900	6,600 *	160
165	20.4	63.5	7,900	7,600	7,300	6,000 *	165

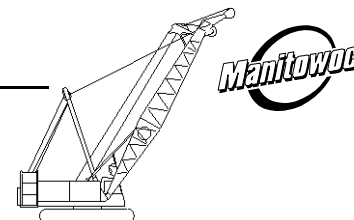


Liftcrane Boom Capacities

Boom No. 84
98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating

555 SERIES 2

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	116,800 *				30
32	82.0	184.0	113,800 *	84,600 *			32
34	81.3	183.7	106,600	82,800 *			34
36	80.7	183.4	98,100	81,000 *	67,200 *		36
38	80.0	183.0	90,800	79,300 *	65,900 *	56,300 *	38
40	79.4	182.6	84,400	75,100	64,700 *	55,400 *	40
45	77.7	181.6	71,400	64,400	58,300	52,100 *	45
50	76.1	180.4	61,500	56,000	51,200	45,800 *	50
55	74.5	179.0	53,800	49,300	45,300	40,700 *	55
60	72.8	177.5	47,500	43,800	40,500	36,300 *	60
65	71.1	175.8	42,300	39,200	36,400	32,700 *	65
70	69.4	173.9	38,000	35,300	32,900	29,600 *	70
75	67.7	171.9	34,300	32,000	29,900	26,800 *	75
80	66.0	169.7	31,100	29,100	27,300	24,500 *	80
85	64.2	167.3	28,300	26,600	25,000	22,400 *	85
90	62.4	164.7	25,900	24,300	22,900	20,500 *	90
95	60.6	162.0	23,700	22,400	21,100	18,800 *	95
100	58.7	159.0	21,800	20,600	19,400	17,300 *	100
105	56.8	155.7	20,000	19,000	18,000	16,000 *	105
110	54.9	152.3	18,500	17,500	16,600	14,700 *	110
115	52.9	148.5	17,100	16,200	15,400	13,600 *	115
120	50.9	144.5	15,800	15,000	14,200	12,500 *	120
125	48.8	140.2	14,600	13,900	13,200	11,600 *	125
130	46.6	135.6	13,500	12,900	12,200	10,700 *	130
135	44.3	130.6	12,500	11,900	11,300	9,900 *	135
140	42.0	125.1	11,600	11,000	10,500	9,100 *	140
145	39.5	119.2	10,700	10,200	9,700	8,400 *	145
150	36.9	112.7	9,900	9,500	9,000	7,700 *	150
155	34.1	105.6	9,100	8,700	8,300	7,100 *	155
160	31.1	97.6	8,400	8,100	7,700	6,500 *	160
165	27.9	88.5	7,800	7,400	7,100	5,900 *	165
170	24.1	78.0	7,100	6,800	6,600	5,400 *	170
175	19.8	65.2	6,500	6,300	6,000	4,900 *	175

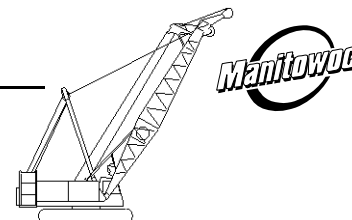


Liftcrane Boom Capacities

Boom No. 84
98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating

555 SERIES 2

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	99,000 *				32
34	81.8	193.8	99,000 *				34
36	81.2	193.5	97,900	74,900 *			36
38	80.6	193.2	90,600	73,200 *			38
40	79.9	192.8	84,200	71,600 *	60,000 *		40
45	78.4	191.8	71,200	63,800	57,100 *	48,800 *	45
50	76.9	190.7	61,300	55,400	50,400	45,500 *	50
55	75.3	189.4	53,500	48,800	44,700	40,300 *	55
60	73.7	187.9	47,200	43,300	39,900	36,000 *	60
65	72.1	186.3	42,000	38,800	35,800	32,300 *	65
70	70.5	184.6	37,700	34,900	32,400	29,200 *	70
75	68.9	182.7	34,000	31,600	29,400	26,500 *	75
80	67.3	180.6	30,800	28,700	26,800	24,100 *	80
85	65.7	178.4	28,000	26,200	24,500	22,000 *	85
90	64.0	176.0	25,500	23,900	22,500	20,100 *	90
95	62.3	173.4	23,400	22,000	20,600	18,500 *	95
100	60.6	170.6	21,500	20,200	19,000	17,000 *	100
105	58.8	167.6	19,700	18,600	17,500	15,600 *	105
110	57.0	164.4	18,200	17,100	16,200	14,400 *	110
115	55.2	161.0	16,700	15,800	14,900	13,200 *	115
120	53.3	157.3	15,500	14,600	13,800	12,200 *	120
125	51.4	153.4	14,300	13,500	12,800	11,200 *	125
130	49.4	149.2	13,200	12,500	11,800	10,300 *	130
135	47.4	144.6	12,200	11,500	10,900	9,500 *	135
140	45.3	139.8	11,200	10,700	10,100	8,700 *	140
145	43.1	134.5	10,400	9,900	9,300	8,000 *	145
150	40.8	128.9	9,600	9,100	8,600	7,400 *	150
155	38.4	122.7	8,800	8,400	8,000	6,700 *	155
160	35.9	116.0	8,100	7,700	7,300	6,100 *	160
165	33.2	108.5	7,500	7,100	6,700	5,600 *	165
170	30.3	100.3	6,800	6,500	6,200	5,100 *	170
175	27.1	90.9	6,200	5,900	5,600	4,600 *	175
180	23.5	80.1	5,700	5,400	5,100	4,100 *	180
185	19.2	66.9	5,100	4,900	4,700		185

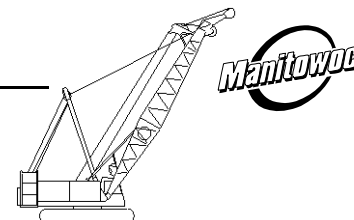


Liftcrane Boom Capacities

Boom No. 84
98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating

555 SERIES 2

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	95,300 *			34
36	81.6	203.6	92,800 *			36
38	81.0	203.3	90,200 *	69,000 *		38
40	80.4	203.0	83,900	67,400 *	54,900 *	40
45	79.0	202.0	70,900	63,200	53,800 *	45
50	77.5	200.9	61,000	54,900	49,700	50
55	76.0	199.7	53,200	48,300	44,000	55
60	74.6	198.4	46,900	42,900	39,300	60
65	73.1	196.9	41,700	38,300	35,300	65
70	71.6	195.2	37,400	34,500	31,900	70
75	70.0	193.4	33,700	31,200	28,900	75
80	68.5	191.5	30,500	28,300	26,300	80
85	66.9	189.4	27,700	25,800	24,100	85
90	65.4	187.1	25,300	23,600	22,000	90
95	63.8	184.7	23,100	21,600	20,200	95
100	62.2	182.1	21,200	19,800	18,600	100
105	60.5	179.3	19,400	18,200	17,100	105
110	58.9	176.3	17,900	16,800	15,800	110
115	57.2	173.1	16,500	15,500	14,600	115
120	55.4	169.7	15,200	14,300	13,400	120
125	53.7	166.1	14,000	13,200	12,400	125
130	51.8	162.2	12,900	12,200	11,500	130
135	50.0	158.1	11,900	11,200	10,600	135
140	48.1	153.6	11,000	10,400	9,800	140
145	46.1	148.9	10,100	9,500	9,000	145
150	44.1	143.8	9,300	8,800	8,300	150
155	41.9	138.4	8,600	8,100	7,600	155
160	39.7	132.5	7,900	7,400	7,000	160
165	37.4	126.1	7,200	6,800	6,400	165
170	34.9	119.1	6,600	6,200	5,800	170
175	32.3	111.4	6,000	5,700	5,300	175
180	29.5	102.9	5,400	5,100	4,800	180
185	26.4	93.3	4,900	4,600	4,400	185
190	22.9	82.1	4,400	4,200		190

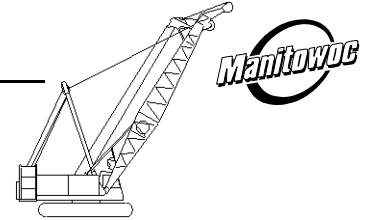


Liftcrane Boom Capacities

Boom No. 84
98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating

555 SERIES 2

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
210 Ft. Boom						
36	82.0	213.8	87,500 *			36
38	81.5	213.5	85,200 *	65,000 *		38
40	80.9	213.1	82,900 *	63,600 *		40
45	79.5	212.2	70,700	60,000 *	48,300 *	45
50	78.1	211.2	60,700	54,400	47,900 *	50
55	76.7	210.0	52,900	47,800	43,300	55
60	75.3	208.7	46,600	42,400	38,600	60
65	73.9	207.3	41,400	37,900	34,700	65
70	72.5	205.8	37,100	34,000	31,300	70
75	71.0	204.1	33,400	30,700	28,400	75
80	69.6	202.2	30,200	27,900	25,800	80
85	68.1	200.2	27,400	25,400	23,600	85
90	66.6	198.1	24,900	23,200	21,500	90
95	65.1	195.8	22,800	21,200	19,700	95
100	63.6	193.3	20,800	19,400	18,100	100
105	62.1	190.7	19,100	17,800	16,700	105
110	60.5	187.9	17,500	16,400	15,300	110
115	58.9	185.0	16,100	15,100	14,100	115
120	57.3	181.8	14,800	13,900	13,000	120
125	55.7	178.4	13,700	12,800	12,000	125
130	54.0	174.8	12,600	11,800	11,000	130
135	52.3	171.0	11,600	10,800	10,200	135
140	50.5	166.9	10,600	10,000	9,300	140
145	48.7	162.6	9,800	9,200	8,600	145
150	46.8	158.0	9,000	8,400	7,900	150
155	44.9	153.0	8,200	7,700	7,200	155
160	42.9	147.8	7,500	7,000	6,600	160
165	40.9	142.1	6,900	6,400	6,000	165
170	38.7	136.0	6,200	5,800	5,400	170
175	36.5	129.4	5,700	5,300	4,900	175
180	34.1	122.2	5,100	4,800	4,400	180
185	31.5	114.2	4,600	4,300	4,000	185
190	28.7	105.4	4,100			190



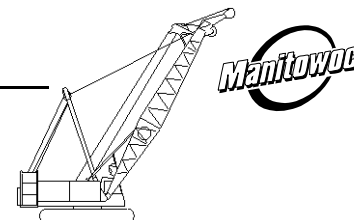
Liftcrane Boom Capacities

Boom No. 84
98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating

555 SERIES 2

Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds
220 Ft. Boom				
36	82.4	223.9	82,200 *	
38	81.9	223.6	80,000 *	
40	81.3	223.3	77,900 *	58,400 *
45	80.0	222.4	70,400	56,400 *
50	78.7	221.4	60,500	53,000 *
55	77.3	220.3	52,700	47,300
60	76.0	219.1	46,400	42,000
65	74.7	217.7	41,200	37,500
70	73.3	216.2	36,800	33,700
75	71.9	214.6	33,100	30,400
80	70.5	212.9	29,900	27,600
85	69.2	211.0	27,200	25,100
90	67.7	209.0	24,700	22,900
95	66.3	206.8	22,500	20,900
100	64.9	204.5	20,600	19,100
105	63.4	202.0	18,900	17,600
110	62.0	199.4	17,300	16,100
115	60.5	196.6	15,900	14,800
120	59.0	193.6	14,600	13,600
125	57.4	190.5	13,400	12,500
130	55.9	187.1	12,300	11,500
135	54.3	183.5	11,300	10,600
140	52.6	179.8	10,400	9,700
145	51.0	175.8	9,600	8,900
150	49.2	171.5	8,800	8,200
155	47.5	167.0	8,000	7,500
160	45.7	162.2	7,300	6,800
165	43.8	157.1	6,600	6,200
170	41.9	151.6	6,000	5,600
175	39.9	145.7	5,400	5,000
180	37.8	139.4	4,900	4,500
185	35.6	132.6	4,400	4,000

Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds
230 Ft. Boom				
38	82.2	233.7	78,300 *	
40	81.7	233.4	77,900 *	
45	80.4	232.6	70,100	52,600 *
50	79.2	231.6	60,200	52,100 *
55	77.9	230.6	52,400	46,800
60	76.6	229.4	46,100	41,400
65	75.3	228.1	40,900	37,000
70	74.0	226.7	36,500	33,200
75	72.7	225.2	32,800	29,900
80	71.4	223.5	29,600	27,100
85	70.1	221.7	26,800	24,600
90	68.8	219.8	24,300	22,400
95	67.4	217.7	22,200	20,500
100	66.1	215.5	20,200	18,700
105	64.7	213.2	18,500	17,100
110	63.3	210.7	16,900	15,700
115	61.9	208.1	15,500	14,400
120	60.5	205.3	14,200	13,200
125	59.0	202.3	13,100	12,100
130	57.5	199.1	12,000	11,100
135	56.0	195.8	11,000	10,200
140	54.5	192.3	10,000	9,300
145	53.0	188.5	9,200	8,500
150	51.4	184.6	8,400	7,800
155	49.8	180.4	7,600	7,000
160	48.1	176.0	6,900	6,400
165	46.4	171.3	6,300	5,800
170	44.6	166.3	5,700	5,200
175	42.8	161.0	5,100	4,600
180	40.9	155.3	4,500	4,100
185	39.0	149.2	4,000	



Liftcrane Boom Capacities

Boom No. 84
98,500 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating

555 SERIES 2

Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds
240 Ft. Boom			
38	82.5	243.8	66,000 *
40	82.1	243.5	66,000 *
45	80.8	242.7	66,000 *
50	79.6	241.8	59,900
55	78.4	240.8	52,100
60	77.2	239.7	45,800
65	76.0	238.4	40,600
70	74.7	237.1	36,200
75	73.5	235.6	32,500
80	72.2	234.0	29,300
85	71.0	232.3	26,500
90	69.7	230.5	24,000
95	68.4	228.6	21,900
100	67.1	226.5	19,900
105	65.8	224.2	18,200
110	64.5	221.9	16,700
115	63.2	219.4	15,200
120	61.8	216.7	13,900
125	60.4	213.9	12,800
130	59.1	210.9	11,700
135	57.6	207.8	10,700
140	56.2	204.5	9,700
145	54.8	201.0	8,900
150	53.3	197.3	8,100
155	51.8	193.4	7,300
160	50.2	189.3	6,600
165	48.6	185.0	6,000
170	47.0	180.4	5,400
175	45.3	175.5	4,800
180	43.6	170.3	4,200

Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds
250 Ft. Boom			
40	82.4	253.6	63,300 *
45	81.2	252.8	62,400 *
50	80.1	252.0	59,600
55	78.9	251.0	51,800
60	77.7	249.9	45,500
65	76.5	248.8	40,300
70	75.4	247.5	35,900
75	74.2	246.1	32,200
80	73.0	244.5	28,900
85	71.8	242.9	26,200
90	70.5	241.2	23,700
95	69.3	239.3	21,500
100	68.1	237.3	19,600
105	66.8	235.2	17,900
110	65.6	232.9	16,300
115	64.3	230.6	14,900
120	63.0	228.0	13,600
125	61.7	225.4	12,400
130	60.4	222.6	11,300
135	59.1	219.6	10,300
140	57.7	216.5	9,400
145	56.4	213.2	8,500
150	55.0	209.7	7,700
155	53.6	206.1	7,000
160	52.1	202.2	6,300
165	50.6	198.2	5,600
170	49.1	193.9	5,000
175	47.6	189.4	4,400