

Liftcrane Boom Capacities

Boom No. 82 or 22EL
184,600 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

999 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 12,500 Lb. minimum weight.

Upper boom point capacity for liftcrane service with single part whip line is 29,500 Lbs. or 59,000 Lbs. with two part whip line. When boom butt mounted auxiliary drum 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.

250 Ft. and 260 Ft. boom lengths require only the middle two sheaves in lower boom point. All other sheaves must be removed from lower boom point.

Note: 22L boom top **No. 196142** or **No. 417403** required for capacities greater than or equal to 462,500 Lbs.

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.

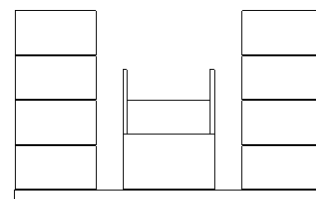
OPERATING CONDITIONS: Machine to operate on a firm uniformly supporting surface with gantry up and machine list not to exceed degrees noted. Refer to boom rigging **No. 195459** (No. 82) or **No. 195890** (No. 22EL) and Wire Rope Specification chart **No. 8223-A**. Crane operator judgment must be used 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.

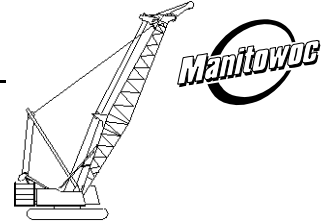
BOOM POINT ELEVATION: Boom point elevation is vertical distance from barge deck to centerline of boom point shaft.

MACHINE EQUIPMENT: Machine equipped with 28 Ft. 2 in. crawlers, 48 in. treads, 10 Ft. 3 in. retractable gantry, 30 Ft. live mast, 20 part boom hoist reeving, boom support straps or four 1-3/8 in. boom pendants, 184,600 Lb. crane counterweight and two 22,000 Lb. carbody counterweights.

Maximum Boom Lengths Lifted Unassisted		
	Over End of Blocked Crawlers	Over Side of Crawlers
List	Boom Length	Boom Length
0 Degree	260 Ft.	260 Ft.
1 Degree	250 Ft.	250 Ft.
2 Degree	250 Ft.	250 Ft.
3 Degree	250 Ft.	250 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.		



184,600 Lb. Crane Counterweight
8 Side Boxes - 1 Center Box

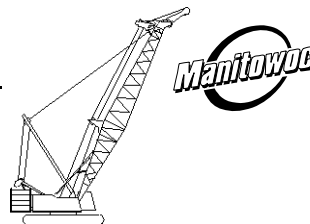


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70 Ft. BOOM							
16	82.8	77.2	470,100 *b ¹				16
17	82.0	77.1	444,600 *b	410,900 *b			17
18	81.1	76.9	421,600 *b	391,100 *b			18
19	80.3	76.7	400,900 *b	373,100 *b	348,600 *b		19
20	79.5	76.5	382,000 *b	356,600 *b	334,100 *b	289,800 *b	20
22	77.8	76.0	349,000 *b	327,500 *b	307,600 *b	262,200 *b	22
24	76.1	75.5	321,100 *b	302,700 *b	281,000 *b	239,200 *b	24
26	74.4	74.9	297,100 *	281,200 *	258,400 *	219,800 *	26
28	72.7	74.2	275,300	254,300	235,900	203,100 *	28
30	70.9	73.5	246,300	229,200	214,100	188,700 *	30
32	69.2	72.7	222,700	208,500	195,700	176,000 *	32
34	67.4	71.8	202,900	191,000	180,100	164,900 *	34
36	65.6	70.9	186,200	176,000	166,700	154,900 *	36
38	63.7	69.8	171,900	163,100	155,000	146,000 *	38
40	61.9	68.7	159,500	151,800	144,700	138,000 *	40
42	60.0	67.5	148,600	141,900	135,600	129,800	42
44	58.0	66.2	139,000	133,100	127,500	122,300	44
46	56.0	64.8	130,400	125,200	120,300	115,600	46
48	54.0	63.4	122,800	118,100	113,700	109,600	48
50	51.9	61.7	115,900	111,700	107,800	104,000	50
55	46.3	57.1	101,300	98,200	95,100	92,200	55
60	40.1	51.4	89,600	87,200	84,800	82,500	60
65	32.9	44.2	80,000	78,200	76,300	74,600	65
70	23.7	34.1	71,900	70,600	69,200	67,900	70
80 Ft. BOOM							
17	83.0	87.2	443,900 *b				17
18	82.3	87.0	421,000 *b				18
19	81.5	86.9	400,200 *b	369,300 *b			19
20	80.8	86.7	381,400 *b	353,100 *b	328,500 *b		20
22	79.3	86.3	348,400 *b	324,500 *b	303,400 *b	261,700 *b	22
24	77.9	85.8	320,400 *b	300,000 *b	280,500 *b	238,700 *b	24
26	76.4	85.3	296,500 *	278,800 *	257,400	219,300 *	26
28	74.9	84.7	275,600	252,000	231,700	202,600 *	28
30	73.4	84.1	246,600	227,300	210,500	188,200 *	30
32	71.9	83.4	222,800	206,800	192,600	175,500 *	32
34	70.4	82.7	203,000	189,500	177,400	164,400 *	34
36	68.8	81.9	186,300	174,700	164,300	154,500 *	36
38	67.3	81.0	171,900	161,900	152,800	144,500	38
40	65.7	80.0	159,500	150,800	142,800	135,400	40
42	64.1	79.0	148,600	140,900	133,900	127,300	42
44	62.4	78.0	139,000	132,200	125,900	120,100	44
46	60.8	76.8	130,400	124,400	118,800	113,500	46
48	59.1	75.6	122,800	117,400	112,300	107,600	48
50	57.4	74.3	115,900	111,000	106,500	102,200	50
55	52.9	70.6	101,300	97,500	94,000	90,600	55
60	48.2	66.2	89,600	86,600	83,800	81,100	60
65	43.0	61.0	80,000	77,700	75,400	73,200	65
70	37.3	54.8	72,000	70,100	68,300	66,500	70
75	30.6	46.9	65,200	63,700	62,300	60,900	75
80	22.0	36.0	59,300	58,100	57,100	56,000	80

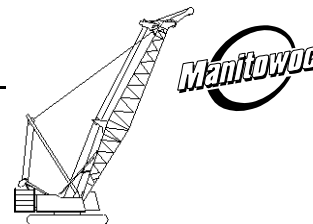


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90 Ft. BOOM							
19	82.5	97.0	399,800 *b				19
20	81.8	96.8	380,900 *b	342,100 *b			20
22	80.5	96.5	347,900 *b	321,700 *b	296,200 *b		22
24	79.2	96.1	320,000 *b	297,500 *b	277,700 *b	238,400 *b	24
26	77.9	95.6	296,100 *	276,600 *	252,600 *	219,000 *	26
28	76.6	95.1	275,400 *	249,800	227,700	202,300 *	28
30	75.3	94.6	246,800	225,400	207,100	187,900 *	30
32	74.0	94.0	223,000	205,200	189,700	175,200 *	32
34	72.6	93.3	203,200	188,100	174,900	163,100	34
36	71.3	92.6	186,400	173,500	162,000	151,800	36
38	69.9	91.8	172,000	160,900	150,900	141,800	38
40	68.6	91.0	159,600	149,800	141,000	133,000	40
42	67.2	90.1	148,600	140,100	132,200	125,100	42
44	65.8	89.2	139,000	131,400	124,400	118,000	44
46	64.3	88.2	130,400	123,700	117,400	111,600	46
48	62.9	87.2	122,800	116,700	111,100	105,800	48
50	61.4	86.0	115,900	110,400	105,300	100,500	50
55	57.7	82.9	101,300	97,000	93,000	89,200	55
60	53.8	79.3	89,600	86,200	82,900	79,800	60
65	49.6	75.2	80,000	77,300	74,600	72,100	65
70	45.2	70.4	72,000	69,800	67,600	65,500	70
75	40.4	64.7	65,200	63,400	61,600	59,900	75
80	35.0	57.9	59,400	57,900	56,400	55,000	80
85	28.7	49.4	54,300	53,100	51,900	50,700	85
90	20.7	37.7	49,800	48,800	47,900	47,000	90

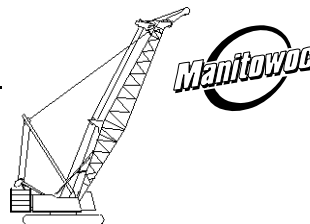


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100 Ft. BOOM							
20	82.7	107.0	380,700 *b				20
22	81.5	106.6	347,700 *b	319,100 *b			22
24	80.3	106.3	319,800 *b	295,300 *b	274,000 *b		24
26	79.2	105.9	295,900 *	274,600 *	247,900	218,800 *	26
28	78.0	105.4	275,200 *	247,600	223,900	202,200 *	28
30	76.8	104.9	247,000	223,700	203,900	186,900	30
32	75.6	104.4	223,200	203,700	187,000	172,400	32
34	74.4	103.8	203,400	186,900	172,500	159,900	34
36	73.2	103.2	186,600	172,400	160,000	148,900	36
38	72.0	102.5	172,200	159,900	149,000	139,300	38
40	70.8	101.8	159,700	149,000	139,300	130,700	40
42	69.6	101.0	148,800	139,300	130,800	123,000	42
44	68.3	100.2	139,100	130,700	123,100	116,100	44
46	67.1	99.3	130,500	123,000	116,200	109,900	46
48	65.8	98.4	122,900	116,100	109,900	104,200	48
50	64.6	97.4	116,000	109,900	104,300	99,100	50
55	61.3	94.7	101,400	96,600	92,100	87,900	55
60	57.9	91.6	89,700	85,800	82,200	78,800	60
65	54.4	88.1	80,100	77,000	74,000	71,200	65
70	50.8	84.1	72,100	69,500	67,000	64,700	70
75	46.9	79.5	65,300	63,200	61,100	59,100	75
80	42.7	74.3	59,500	57,700	56,000	54,300	80
85	38.2	68.1	54,500	53,000	51,500	50,100	85
90	33.1	60.8	50,000	48,800	47,500	46,300	90
95	27.2	51.7	46,000	45,000	44,000	43,000	95
100	19.5	39.4	42,500	41,700	40,900	40,100	100

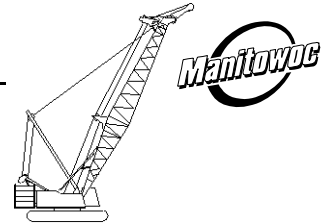


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110 Ft. BOOM							
22	82.3	116.8	347,100 *				22
24	81.2	116.4	319,300 *	288,000 *			24
26	80.2	116.1	295,300 *	272,400 *	243,000 *		26
28	79.1	115.7	274,600 *	245,300	220,000	198,900	28
30	78.0	115.2	247,100	221,700	200,600	182,700	30
32	77.0	114.7	223,200	202,000	184,100	168,700	32
34	75.9	114.2	203,300	185,400	170,000	156,600	34
36	74.8	113.6	186,500	171,100	157,700	146,000	36
38	73.7	113.0	172,100	158,700	147,000	136,600	38
40	72.6	112.4	159,600	147,900	137,500	128,300	40
42	71.5	111.7	148,600	138,300	129,100	120,800	42
44	70.4	110.9	139,000	129,800	121,500	114,100	44
46	69.3	110.2	130,400	122,200	114,700	108,000	46
48	68.2	109.3	122,700	115,300	108,600	102,500	48
50	67.0	108.5	115,800	109,100	103,000	97,400	50
55	64.1	106.1	101,200	95,900	91,000	86,500	55
60	61.2	103.4	89,500	85,200	81,200	77,500	60
65	58.1	100.3	79,900	76,400	73,100	70,000	65
70	55.0	96.8	71,900	69,000	66,200	63,600	70
75	51.7	93.0	65,100	62,700	60,300	58,100	75
80	48.2	88.6	59,300	57,200	55,300	53,400	80
85	44.5	83.6	54,200	52,500	50,800	49,200	85
90	40.6	77.9	49,800	48,300	46,900	45,500	90
95	36.3	71.4	45,900	44,600	43,400	42,200	95
100	31.5	63.6	42,400	41,300	40,300	39,300	100
105	25.8	54.0	39,200	38,300	37,500	36,600	105
110	18.6	40.9	36,300	35,600	34,900	34,200	110

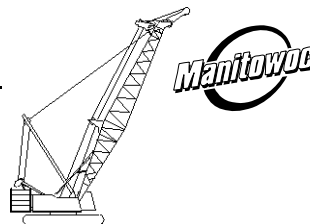


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120 Ft. BOOM							
22	82.9	126.9	324,500 *				22
24	82.0	126.6	318,900 *	278,100 *			24
26	81.0	126.2	295,000 *	270,400 *	234,500 *		26
28	80.0	125.9	274,300 *	243,000	216,300	194,300	28
30	79.1	125.5	247,100	219,800	197,400	178,600	30
32	78.1	125.0	223,200	200,400	181,300	165,200	32
34	77.1	124.5	203,300	184,000	167,600	153,500	34
36	76.1	124.0	186,500	169,800	155,600	143,200	36
38	75.1	123.5	172,000	157,600	145,100	134,100	38
40	74.1	122.9	159,500	146,900	135,800	126,000	40
42	73.1	122.2	148,600	137,400	127,500	118,700	42
44	72.1	121.6	138,900	129,000	120,100	112,200	44
46	71.1	120.9	130,300	121,400	113,400	106,200	46
48	70.1	120.1	122,600	114,600	107,400	100,800	48
50	69.1	119.3	115,700	108,400	101,900	95,900	50
55	66.5	117.2	101,100	95,300	90,000	85,200	55
60	63.8	114.7	89,400	84,700	80,400	76,400	60
65	61.1	112.0	79,800	75,900	72,400	69,000	65
70	58.3	109.0	71,800	68,600	65,600	62,700	70
75	55.4	105.6	65,000	62,300	59,700	57,300	75
80	52.4	101.8	59,200	56,900	54,700	52,600	80
85	49.3	97.5	54,100	52,200	50,300	48,500	85
90	46.0	92.8	49,700	48,000	46,400	44,800	90
95	42.5	87.5	45,800	44,300	42,900	41,600	95
100	38.7	81.4	42,300	41,000	39,800	38,600	100
105	34.6	74.4	39,200	38,100	37,000	36,000	105
110	30.0	66.2	36,300	35,400	34,500	33,600	110
115	24.7	56.1	33,700	33,000	32,200	31,500	115
120	17.7	42.4	31,300	30,700	30,100	29,500	120

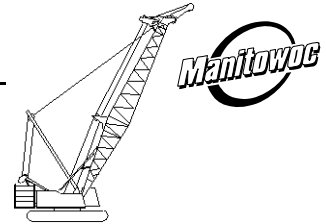


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130 Ft. BOOM							
24	82.6	136.7	295,000 *				24
26	81.7	136.4	294,700 *	245,300 *			26
28	80.8	136.0	274,000 *	240,100 *	202,900 *		28
30	79.9	135.7	247,200	218,000	194,300	173,200 *	30
32	79.0	135.3	223,300	198,900	178,700	161,800	32
34	78.1	134.8	203,400	182,600	165,300	150,500	34
36	77.2	134.3	186,500	168,700	153,600	140,600	36
38	76.3	133.8	172,100	156,600	143,300	131,700	38
40	75.4	133.3	159,500	145,900	134,200	123,900	40
42	74.5	132.7	148,600	136,500	126,000	116,800	42
44	73.5	132.1	138,900	128,200	118,800	110,400	44
46	72.6	131.5	130,300	120,700	112,200	104,600	46
48	71.7	130.8	122,600	113,900	106,200	99,300	48
50	70.7	130.1	115,600	107,800	100,800	94,500	50
55	68.4	128.1	101,000	94,800	89,200	84,000	55
60	66.0	125.9	89,300	84,300	79,600	75,300	60
65	63.5	123.4	79,700	75,500	71,700	68,100	65
70	61.0	120.7	71,700	68,200	64,900	61,900	70
75	58.4	117.6	64,900	62,000	59,200	56,600	75
80	55.8	114.3	59,100	56,600	54,200	51,900	80
85	53.0	110.6	54,100	51,900	49,800	47,800	85
90	50.2	106.5	49,600	47,800	45,900	44,200	90
95	47.2	101.9	45,700	44,100	42,500	41,000	95
100	44.0	96.8	42,200	40,800	39,400	38,100	100
105	40.7	91.2	39,100	37,900	36,700	35,500	105
110	37.1	84.8	36,300	35,200	34,200	33,100	110
115	33.2	77.4	33,700	32,800	31,900	31,000	115
120	28.8	68.7	31,400	30,600	29,800	29,000	120
125	23.6	58.1	29,200	28,600	27,900	27,200	125
130	17.0	43.8	27,200	26,700	26,100	25,600	130

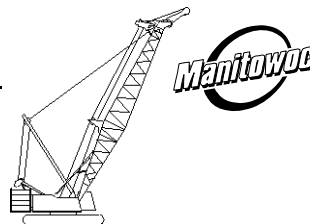


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140 Ft. BOOM							
26	82.3	146.5	294,400 *				26
28	81.5	146.2	273,600 *	232,700 *			28
30	80.6	145.8	247,200	216,100	191,300		30
32	79.8	145.5	223,300	197,200	176,000	158,500	32
34	79.0	145.1	203,300	181,200	162,900	147,500	34
36	78.1	144.6	186,400	167,400	151,500	137,900	36
38	77.3	144.1	171,900	155,400	141,400	129,300	38
40	76.4	143.6	159,400	144,900	132,500	121,700	40
42	75.6	143.1	148,400	135,600	124,500	114,800	42
44	74.7	142.5	138,700	127,300	117,300	108,500	44
46	73.9	141.9	130,100	119,900	110,900	102,900	46
48	73.0	141.3	122,400	113,200	105,000	97,700	48
50	72.2	140.7	115,500	107,100	99,700	93,000	50
55	70.0	138.9	100,800	94,200	88,200	82,700	55
60	67.8	136.8	89,100	83,700	78,700	74,200	60
65	65.5	134.6	79,500	75,000	70,900	67,100	65
70	63.3	132.1	71,500	67,700	64,200	61,000	70
75	60.9	129.3	64,700	61,500	58,500	55,700	75
80	58.5	126.3	58,900	56,100	53,600	51,100	80
85	56.1	123.0	53,800	51,500	49,200	47,100	85
90	53.5	119.3	49,400	47,400	45,400	43,500	90
95	50.9	115.3	45,500	43,700	42,000	40,300	95
100	48.2	110.9	42,000	40,400	38,900	37,500	100
105	45.3	106.1	38,900	37,500	36,200	34,900	105
110	42.3	100.7	36,100	34,900	33,700	32,500	110
115	39.1	94.7	33,600	32,500	31,400	30,400	115
120	35.7	87.9	31,200	30,300	29,300	28,400	120
125	31.9	80.2	29,100	28,300	27,400	26,700	125
130	27.7	71.2	27,100	26,400	25,700	25,000	130
135	22.7	60.1	25,300	24,700	24,100	23,500	135
140	16.3	45.2	23,600	23,100	22,600	22,100	140

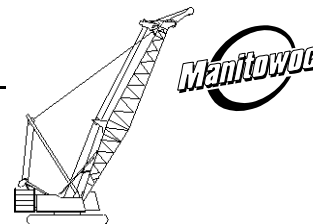


Liftcrane Boom Capacities

Boom No. 82 or 22EL
184,600 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

999 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	82.8	156.6	265,500 *				26
28	82.0	156.3	261,400 *	206,800 *			28
30	81.3	156.0	247,100	203,000 *			30
32	80.5	155.6	223,200	195,500	166,800 *		32
34	79.7	155.3	203,200	179,700	160,500	141,600 *	34
36	78.9	154.8	186,200	166,000	149,300	135,200	36
38	78.2	154.4	171,700	154,200	139,400	126,900	38
40	77.4	153.9	159,200	143,700	130,700	119,400	40
42	76.6	153.5	148,200	134,500	122,800	112,700	42
44	75.8	152.9	138,500	126,300	115,800	106,600	44
46	75.0	152.4	129,800	118,900	109,400	101,100	46
48	74.2	151.8	122,100	112,300	103,700	96,000	48
50	73.4	151.2	115,200	106,300	98,400	91,400	50
55	71.4	149.5	100,500	93,400	87,000	81,300	55
60	69.4	147.6	88,700	83,000	77,700	72,900	60
65	67.3	145.6	79,100	74,300	69,900	65,900	65
70	65.2	143.3	71,100	67,100	63,400	59,900	70
75	63.0	140.8	64,300	60,900	57,700	54,700	75
80	60.9	138.0	58,500	55,500	52,800	50,200	80
85	58.6	135.0	53,400	50,900	48,500	46,200	85
90	56.3	131.7	49,000	46,800	44,700	42,700	90
95	54.0	128.1	45,100	43,100	41,300	39,500	95
100	51.6	124.2	41,600	39,900	38,200	36,700	100
105	49.1	119.9	38,500	37,000	35,500	34,100	105
110	46.4	115.2	35,700	34,300	33,000	31,800	110
115	43.7	110.1	33,200	31,900	30,800	29,700	115
120	40.8	104.4	30,800	29,800	28,700	27,700	120
125	37.7	98.1	28,700	27,800	26,800	25,900	125
130	34.4	91.0	26,700	25,900	25,100	24,300	130
135	30.8	82.9	24,900	24,200	23,500	22,800	135
140	26.7	73.5	23,300	22,600	22,000	21,400	140
145	21.9	62.0	21,700	21,100	20,600	20,000	145
150	15.7	46.5	20,200	19,700	19,300	18,800	150

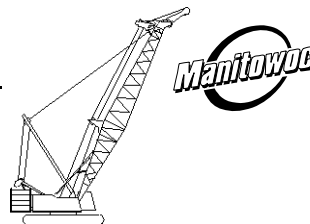


Liftcrane Boom Capacities

Boom No. 82 or 22EL
184,600 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

999 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	82.5	166.4	236,000 *				28
30	81.8	166.1	236,000 *	194,300 *			30
32	81.1	165.8	223,000	190,700 *			32
34	80.4	165.4	203,000	178,200	157,300 *		34
36	79.6	165.1	186,100	164,700	147,200	132,000 *	36
38	78.9	164.6	171,600	153,000	137,500	124,500	38
40	78.2	164.2	159,000	142,600	128,900	117,300	40
42	77.4	163.7	148,000	133,500	121,300	110,700	42
44	76.7	163.3	138,200	125,400	114,300	104,800	44
46	76.0	162.7	129,600	118,100	108,100	99,400	46
48	75.2	162.2	121,900	111,500	102,400	94,400	48
50	74.5	161.6	114,900	105,500	97,200	89,900	50
55	72.6	160.1	100,200	92,700	86,000	80,000	55
60	70.7	158.3	88,500	82,300	76,800	71,800	60
65	68.8	156.4	78,800	73,700	69,100	64,900	65
70	66.8	154.3	70,800	66,500	62,600	58,900	70
75	64.9	152.0	64,000	60,400	57,000	53,800	75
80	62.9	149.4	58,200	55,000	52,100	49,400	80
85	60.8	146.7	53,100	50,400	47,800	45,400	85
90	58.7	143.6	48,700	46,300	44,100	41,900	90
95	56.6	140.4	44,800	42,700	40,700	38,800	95
100	54.4	136.8	41,300	39,500	37,700	36,000	100
105	52.1	133.0	38,200	36,600	35,000	33,500	105
110	49.8	128.8	35,400	33,900	32,500	31,200	110
115	47.4	124.3	32,900	31,500	30,300	29,000	115
120	44.9	119.3	30,500	29,400	28,200	27,100	120
125	42.2	113.9	28,400	27,400	26,300	25,300	125
130	39.4	108.0	26,500	25,500	24,600	23,700	130
135	36.5	101.4	24,700	23,800	23,000	22,200	135
140	33.3	94.0	23,000	22,300	21,500	20,800	140
145	29.8	85.6	21,500	20,800	20,100	19,500	145
150	25.8	75.7	20,000	19,400	18,800	18,300	150
155	21.2	63.8	18,600	18,100	17,600	17,100	155
160	15.2	47.8	17,300	16,900	16,500	16,100	160

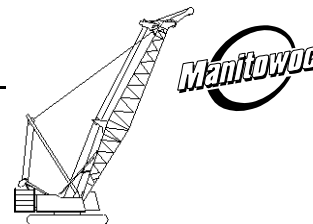


Liftcrane Boom Capacities

Boom No. 82 or 22EL
184,600 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

999 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	83.0	176.5	232,700 *				28
30	82.3	176.2	228,400 *				30
32	81.6	175.9	222,900	175,900 *			32
34	80.9	175.6	202,900	173,100 *	143,700 *		34
36	80.3	175.2	186,000	163,500	141,600 *		36
38	79.6	174.9	171,400	151,800	135,700	114,900 *	38
40	78.9	174.4	158,800	141,600	127,300	114,800 *	40
42	78.2	174.0	147,800	132,600	119,800	108,800	42
44	77.5	173.6	138,100	124,500	113,000	103,000	44
46	76.8	173.1	129,400	117,200	106,800	97,700	46
48	76.1	172.6	121,700	110,700	101,200	92,900	48
50	75.4	172.0	114,700	104,800	96,100	88,500	50
55	73.7	170.6	100,000	92,100	85,000	78,800	55
60	71.9	168.9	88,200	81,800	75,900	70,700	60
65	70.1	167.1	78,600	73,200	68,300	63,900	65
70	68.3	165.2	70,600	66,000	61,900	58,100	70
75	66.4	163.0	63,800	59,900	56,300	53,000	75
80	64.6	160.6	58,000	54,600	51,500	48,600	80
85	62.7	158.1	52,900	50,000	47,300	44,700	85
90	60.8	155.3	48,500	45,900	43,500	41,300	90
95	58.8	152.3	44,600	42,300	40,200	38,200	95
100	56.8	149.1	41,100	39,100	37,200	35,400	100
105	54.7	145.6	38,000	36,200	34,500	32,900	105
110	52.6	141.8	35,200	33,600	32,000	30,600	110
115	50.4	137.7	32,600	31,200	29,800	28,500	115
120	48.2	133.3	30,300	29,000	27,800	26,600	120
125	45.9	128.5	28,200	27,000	25,900	24,800	125
130	43.4	123.3	26,200	25,200	24,200	23,200	130
135	40.9	117.6	24,400	23,500	22,600	21,700	135
140	38.2	111.4	22,800	21,900	21,100	20,300	140
145	35.3	104.5	21,200	20,500	19,700	19,000	145
150	32.2	96.8	19,800	19,100	18,500	17,800	150
155	28.8	88.1	18,500	17,900	17,300	16,700	155
160	25.0	77.9	17,200	16,700	16,100	15,600	160
165	20.5	65.6	16,000	15,500	15,100	14,600	165

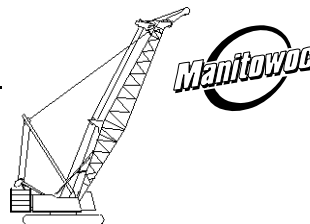


Liftcrane Boom Capacities

Boom No. 82 or 22EL
184,600 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

999 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	82.7	186.3	206,500 *				30
32	82.1	186.0	206,500 *				32
34	81.4	185.7	202,700	164,600 *			34
36	80.8	185.4	185,800	161,900 *	126,900 *		36
38	80.2	185.0	171,200	150,600	126,700 *		38
40	79.5	184.6	158,600	140,500	125,600	100,600 *	40
42	78.9	184.2	147,600	131,600	118,200	100,500 *	42
44	78.2	183.8	137,800	123,500	111,500	100,400 *	44
46	77.6	183.4	129,200	116,300	105,500	96,100	46
48	76.9	182.9	121,400	109,900	99,900	91,300	48
50	76.2	182.4	114,400	104,000	94,900	87,000	50
55	74.6	181.0	99,700	91,300	84,000	77,500	55
60	72.9	179.5	87,900	81,100	75,000	69,600	60
65	71.2	177.8	78,300	72,600	67,500	62,900	65
70	69.5	175.9	70,300	65,500	61,100	57,100	70
75	67.8	173.9	63,500	59,400	55,600	52,100	75
80	66.1	171.7	57,600	54,100	50,800	47,800	80
85	64.3	169.3	52,600	49,500	46,600	43,900	85
90	62.5	166.8	48,100	45,400	42,900	40,500	90
95	60.7	164.0	44,200	41,800	39,600	37,500	95
100	58.9	161.0	40,700	38,600	36,600	34,700	100
105	57.0	157.8	37,600	35,700	33,900	32,200	105
110	55.0	154.3	34,800	33,100	31,500	30,000	110
115	53.0	150.6	32,300	30,700	29,300	27,900	115
120	51.0	146.6	30,000	28,600	27,300	26,000	120
125	48.9	142.3	27,800	26,600	25,400	24,200	125
130	46.7	137.6	25,900	24,800	23,700	22,600	130
135	44.5	132.6	24,100	23,100	22,100	21,100	135
140	42.1	127.1	22,500	21,500	20,600	19,800	140
145	39.7	121.2	20,900	20,100	19,300	18,500	145
150	37.1	114.7	19,500	18,700	18,000	17,300	150
155	34.3	107.6	18,200	17,500	16,800	16,100	155
160	31.3	99.6	16,900	16,300	15,700	15,100	160
165	28.0	90.6	15,700	15,200	14,600	14,100	165
170	24.3	80.0	14,600	14,100	13,600	13,100	170
175	19.9	67.3	13,500	13,100	12,700	12,300	175

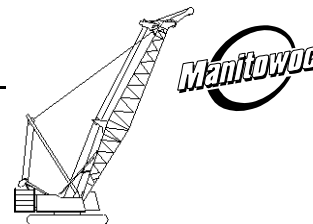


Liftcrane Boom Capacities

Boom No. 82 or 22EL
184,600 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

999 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	82.5	196.2	196,800 *				32
34	81.9	195.9	193,600 *	148,500 *			34
36	81.3	195.5	185,600	148,200 *			36
38	80.7	195.2	171,000	146,300 *	111,600 *		38
40	80.1	194.8	158,400	139,400	111,500 *		40
42	79.4	194.4	147,300	130,500	111,300 *	87,900 *	42
44	78.8	194.0	137,600	122,600	110,100	87,800 *	44
46	78.2	193.6	128,900	115,400	104,100	87,700 *	46
48	77.6	193.2	121,100	109,000	98,700	87,600 *	48
50	77.0	192.7	114,200	103,100	93,700	85,500	50
55	75.4	191.4	99,400	90,600	82,900	76,200	55
60	73.9	189.9	87,600	80,400	74,000	68,400	60
65	72.3	188.4	77,900	71,900	66,600	61,800	65
70	70.7	186.6	69,900	64,800	60,200	56,100	70
75	69.1	184.7	63,100	58,700	54,800	51,200	75
80	67.4	182.7	57,200	53,500	50,000	46,900	80
85	65.8	180.4	52,100	48,900	45,900	43,100	85
90	64.1	178.0	47,700	44,800	42,200	39,700	90
95	62.4	175.4	43,800	41,300	38,900	36,700	95
100	60.7	172.6	40,300	38,000	35,900	33,900	100
105	58.9	169.6	37,200	35,200	33,300	31,500	105
110	57.1	166.4	34,400	32,600	30,800	29,200	110
115	55.3	163.0	31,800	30,200	28,600	27,200	115
120	53.4	159.3	29,500	28,000	26,600	25,300	120
125	51.5	155.4	27,400	26,100	24,800	23,500	125
130	49.5	151.2	25,500	24,200	23,100	21,900	130
135	47.5	146.7	23,700	22,600	21,500	20,500	135
140	45.4	141.8	22,000	21,000	20,000	19,100	140
145	43.2	136.5	20,500	19,600	18,700	17,800	145
150	40.9	130.9	19,000	18,200	17,400	16,600	150
155	38.5	124.7	17,700	16,900	16,200	15,500	155
160	36.0	118.0	16,500	15,800	15,100	14,400	160
165	33.3	110.6	15,300	14,700	14,000	13,400	165
170	30.4	102.3	14,200	13,600	13,000	12,500	170
175	27.2	93.0	13,100	12,600	12,100	11,600	175
180	23.6	82.1	12,100	11,700	11,200	10,800	180
185	19.4	68.9	11,200	10,800	10,400	10,000	185

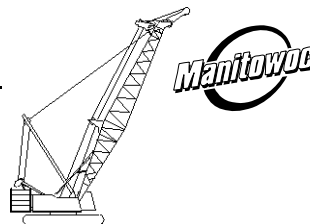


Liftcrane Boom Capacities

Boom No. 82 or 22EL
184,600 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

999 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
200 Ft. BOOM							
32	82.9	206.3	177,000 *				32
34	82.3	206.0	177,000 *				34
36	81.7	205.7	177,000 *	132,100 *			36
38	81.1	205.3	170,800	131,900 *			38
40	80.6	205.0	158,100	131,700 *	98,800 *		40
42	80.0	204.6	147,100	129,500	98,600 *	77,500 *	42
44	79.4	204.2	137,300	121,600	98,500 *	77,400 *	44
46	78.8	203.8	128,600	114,500	98,400 *	77,300 *	46
48	78.2	203.4	120,800	108,100	97,400	77,200 *	48
50	77.6	203.0	113,800	102,300	92,500	77,100 *	50
55	76.2	201.7	99,100	89,800	81,900	74,900	55
60	74.7	200.4	87,300	79,700	73,100	67,200	60
65	73.2	198.9	77,600	71,300	65,700	60,700	65
70	71.7	197.2	69,500	64,200	59,400	55,100	70
75	70.2	195.4	62,700	58,200	54,000	50,300	75
80	68.6	193.5	56,800	52,900	49,300	46,000	80
85	67.1	191.4	51,800	48,300	45,200	42,300	85
90	65.5	189.1	47,300	44,300	41,500	38,900	90
95	63.9	186.7	43,400	40,700	38,300	35,900	95
100	62.3	184.1	39,900	37,500	35,300	33,200	100
105	60.6	181.3	36,800	34,700	32,700	30,800	105
110	59.0	178.3	34,000	32,100	30,300	28,600	110
115	57.3	175.1	31,400	29,700	28,100	26,500	115
120	55.5	171.7	29,100	27,600	26,100	24,700	120
125	53.8	168.1	27,000	25,600	24,200	22,900	125
130	52.0	164.2	25,100	23,800	22,500	21,300	130
135	50.1	160.1	23,300	22,100	21,000	19,900	135
140	48.2	155.6	21,600	20,500	19,500	18,500	140
145	46.2	150.9	20,100	19,100	18,100	17,200	145
150	44.2	145.8	18,700	17,800	16,900	16,000	150
155	42.1	140.4	17,300	16,500	15,700	14,900	155
160	39.8	134.5	16,100	15,300	14,600	13,900	160
165	37.5	128.1	14,900	14,200	13,500	12,900	165
170	35.1	121.1	13,800	13,200	12,600	12,000	170
175	32.4	113.4	12,800	12,200	11,600	11,100	175
180	29.6	104.9	11,800	11,300	10,800	10,300	180
185	26.5	95.3	10,900	10,400	9,900	9,500	185
190	23.0	84.1	10,000	9,600	9,100	8,700	190
195	18.9	70.6	9,100	8,800	8,400	8,000	195

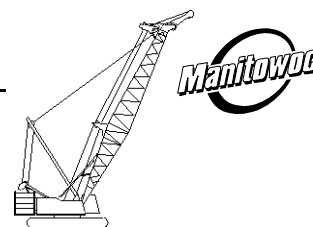


Liftcrane Boom Capacities

Boom No. 82 or 22EL
184,600 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

999 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
210 Ft. BOOM							
34	82.7	216.1	171,300 *				34
36	82.1	215.8	169,200 *				36
38	81.6	215.5	166,900 *	117,900 *			38
40	81.0	215.1	157,900	117,600 *	87,700 *		40
42	80.5	214.8	146,800	117,400 *	87,600 *		42
44	79.9	214.4	137,000	117,200 *	87,400 *	68,200 *	44
46	79.4	214.0	128,400	113,700	87,300 *	68,100 *	46
48	78.8	213.6	120,600	107,300	87,100 *	68,000 *	48
50	78.2	213.2	113,600	101,500	87,000 *	67,900 *	50
55	76.8	212.0	98,800	89,200	80,900	67,700 *	55
60	75.4	210.8	87,000	79,100	72,200	66,100	60
65	74.0	209.3	77,300	70,700	64,900	59,700	65
70	72.6	207.8	69,200	63,700	58,700	54,200	70
75	71.1	206.1	62,400	57,600	53,300	49,500	75
80	69.7	204.2	56,500	52,400	48,700	45,300	80
85	68.2	202.2	51,500	47,900	44,600	41,500	85
90	66.7	200.1	47,000	43,800	40,900	38,200	90
95	65.2	197.8	43,100	40,300	37,700	35,300	95
100	63.7	195.4	39,600	37,100	34,800	32,600	100
105	62.2	192.7	36,500	34,200	32,100	30,200	105
110	60.6	189.9	33,700	31,600	29,700	28,000	110
115	59.0	187.0	31,100	29,300	27,600	25,900	115
120	57.4	183.8	28,800	27,100	25,600	24,100	120
125	55.8	180.4	26,700	25,200	23,700	22,400	125
130	54.1	176.8	24,700	23,400	22,000	20,800	130
135	52.4	173.0	22,900	21,700	20,500	19,300	135
140	50.6	168.9	21,300	20,100	19,000	18,000	140
145	48.8	164.6	19,800	18,700	17,700	16,700	145
150	46.9	160.0	18,300	17,400	16,400	15,500	150
155	45.0	155.1	17,000	16,100	15,200	14,400	155
160	43.0	149.8	15,800	14,900	14,100	13,400	160
165	41.0	144.1	14,600	13,800	13,100	12,400	165
170	38.8	138.0	13,500	12,800	12,100	11,500	170
175	36.6	131.4	12,500	11,800	11,200	10,600	175
180	34.2	124.2	11,500	10,900	10,300	9,800	180
185	31.6	116.3	10,600	10,000	9,500	9,000	185
190	28.9	107.5	9,700	9,200	8,700	8,300	190
195	25.8	97.5	8,900	8,400	8,000	7,600	195
200	22.4	86.0	8,100	7,700	7,300	6,900	200
205	18.4	72.1	7,300	7,000	6,600	6,300	205

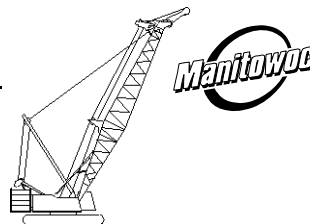


Liftcrane Boom Capacities

Boom No. 82 or 22EL
184,600 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

999 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
220 Ft. BOOM							
34	83.0	226.2	155,100 *				34
36	82.5	225.9	154,700 *				36
38	82.0	225.6	154,300 *	105,900 *			38
40	81.4	225.3	153,800 *	105,700 *			40
42	80.9	224.9	146,500	105,500 *	78,100 *		42
44	80.4	224.6	136,800	105,300 *	78,000 *		44
46	79.8	224.2	128,100	105,000 *	77,800 *	60,200 *	46
48	79.3	223.8	120,300	104,800 *	77,700 *	60,100 *	48
50	78.8	223.4	113,300	100,700	77,600 *	60,000 *	50
55	77.5	222.3	98,500	88,400	77,200 *	59,800 *	55
60	76.1	221.1	86,600	78,400	71,300	59,600 *	60
65	74.8	219.7	76,900	70,100	64,000	58,700	65
70	73.4	218.3	68,900	63,000	57,900	53,300	70
75	72.0	216.6	62,000	57,000	52,600	48,600	75
80	70.7	214.9	56,200	51,800	48,000	44,400	80
85	69.3	213.0	51,100	47,300	43,900	40,700	85
90	67.9	211.0	46,600	43,300	40,300	37,500	90
95	66.4	208.8	42,700	39,800	37,000	34,500	95
100	65.0	206.5	39,200	36,600	34,100	31,900	100
105	63.6	204.0	36,100	33,700	31,500	29,500	105
110	62.1	201.4	33,300	31,100	29,200	27,300	110
115	60.6	198.6	30,700	28,800	27,000	25,300	115
120	59.1	195.6	28,400	26,700	25,000	23,500	120
125	57.5	192.5	26,300	24,700	23,200	21,800	125
130	56.0	189.1	24,300	22,900	21,500	20,200	130
135	54.4	185.6	22,500	21,200	19,900	18,700	135
140	52.7	181.8	20,900	19,700	18,500	17,400	140
145	51.1	177.8	19,400	18,200	17,200	16,100	145
150	49.4	173.5	17,900	16,900	15,900	15,000	150
155	47.6	169.0	16,600	15,700	14,700	13,800	155
160	45.8	164.2	15,400	14,500	13,600	12,800	160
165	43.9	159.1	14,200	13,400	12,600	11,800	165
170	42.0	153.6	13,100	12,400	11,600	10,900	170
175	40.0	147.7	12,100	11,400	10,700	10,100	175
180	37.9	141.4	11,100	10,500	9,800	9,200	180
185	35.7	134.6	10,200	9,600	9,000	8,500	185
190	33.4	127.1	9,300	8,800	8,200	7,700	190
195	30.9	119.0	8,500	8,000	7,500	7,000	195
200	28.2	110.0	7,700	7,300	6,800	6,400	200
205	25.2	99.7	7,000	6,500	6,100	5,700	205
210	21.9	87.9	6,200	5,900	5,500	5,100	210
215	17.9	73.7	5,500 *	5,200	4,900	4,600	215

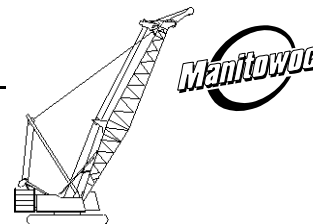


Liftcrane Boom Capacities

Boom No. 82 or 22EL
184,600 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

999 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
230 Ft. BOOM							
36	82.8	236.0	139,300 *				36
38	82.3	235.7	138,800 *				38
40	81.8	235.4	138,400 *	94,500 *			40
42	81.3	235.1	138,000 *	94,300 *			42
44	80.8	234.7	136,500	94,100 *	69,100 *		44
46	80.3	234.4	127,700	93,900 *	69,000 *		46
48	79.8	234.0	119,900	93,700 *	68,800 *	52,700 *	48
50	79.3	233.6	112,900	93,400 *	68,700 *	52,600 *	50
55	78.0	232.6	98,100	87,600	68,400 *	52,400 *	55
60	76.7	231.4	86,200	77,700	68,000 *	52,200 *	60
65	75.4	230.1	76,500	69,400	63,100	52,000 *	65
70	74.1	228.7	68,400	62,400	57,000	51,800 *	70
75	72.8	227.2	61,600	56,400	51,800	47,600	75
80	71.5	225.5	55,700	51,200	47,200	43,500	80
85	70.2	223.7	50,600	46,700	43,100	39,900	85
90	68.9	221.8	46,200	42,700	39,500	36,600	90
95	67.5	219.7	42,200	39,200	36,300	33,700	95
100	66.2	217.5	38,700	36,000	33,400	31,100	100
105	64.8	215.2	35,600	33,100	30,800	28,700	105
110	63.4	212.7	32,800	30,600	28,500	26,500	110
115	62.0	210.1	30,200	28,200	26,300	24,600	115
120	60.6	207.3	27,900	26,100	24,400	22,700	120
125	59.1	204.3	25,800	24,100	22,500	21,000	125
130	57.6	201.1	23,800	22,300	20,900	19,500	130
135	56.1	197.8	22,000	20,600	19,300	18,000	135
140	54.6	194.3	20,400	19,100	17,900	16,700	140
145	53.1	190.6	18,900	17,700	16,500	15,500	145
150	51.5	186.6	17,400	16,300	15,300	14,300	150
155	49.9	182.4	16,100	15,100	14,100	13,200	155
160	48.2	178.0	14,900	13,900	13,000	12,200	160
165	46.5	173.3	13,700	12,800	12,000	11,200	165
170	44.7	168.3	12,600	11,800	11,000	10,300	170
175	42.9	163.0	11,600	10,800	10,100	9,400	175
180	41.0	157.3	10,600	9,900	9,200	8,600	180
185	39.1	151.3	9,700	9,100	8,400	7,800	185
190	37.0	144.7	8,800	8,200	7,700	7,100	190
195	34.9	137.7	8,000	7,500	6,900	6,400	195
200	32.6	130.1	7,200	6,700	6,200	5,700	200
205	30.2	121.7	6,500	6,000	5,500	5,100	205
210	27.5	112.4	5,800	5,300	4,900	4,500	210
215	24.6	101.9	5,100	4,700	4,300		215
220	21.4	89.8	4,400	4,100			220

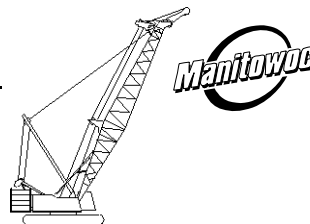


Liftcrane Boom Capacities

Boom No. 82 or 22EL
184,600 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

999 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
240 Ft. BOOM							
38	82.6	245.8	126,300 *				38
40	82.2	245.5	125,900 *				40
42	81.7	245.2	125,500 *	85,000 *			42
44	81.2	244.9	125,100 *	84,800 *			44
46	80.7	244.6	124,600 *	84,600 *	61,600 *		46
48	80.2	244.2	119,600	84,400 *	61,500 *		48
50	79.7	243.8	112,600	84,200 *	61,300 *	46,500 *	50
55	78.5	242.8	97,700	83,700 *	61,000 *	46,300 *	55
60	77.3	241.7	85,900	76,900	60,700 *	46,100 *	60
65	76.1	240.5	76,100	68,700	60,400 *	45,900 *	65
70	74.8	239.1	68,000	61,700	56,200	45,700 *	70
75	73.6	237.6	61,200	55,800	51,000	45,400 *	75
80	72.3	236.1	55,300	50,600	46,400	42,700	80
85	71.1	234.4	50,200	46,100	42,400	39,100	85
90	69.8	232.5	45,700	42,100	38,900	35,900	90
95	68.5	230.6	41,800	38,600	35,700	33,000	95
100	67.2	228.5	38,300	35,400	32,800	30,400	100
105	65.9	226.3	35,200	32,600	30,200	28,000	105
110	64.6	223.9	32,400	30,000	27,900	25,900	110
115	63.3	221.4	29,800	27,700	25,700	23,900	115
120	61.9	218.7	27,500	25,600	23,800	22,100	120
125	60.5	215.9	25,400	23,600	22,000	20,400	125
130	59.2	213.0	23,400	21,800	20,300	18,900	130
135	57.7	209.8	21,600	20,100	18,800	17,400	135
140	56.3	206.5	20,000	18,600	17,300	16,100	140
145	54.9	203.0	18,400	17,200	16,000	14,900	145
150	53.4	199.3	17,000	15,800	14,700	13,700	150
155	51.9	195.4	15,700	14,600	13,600	12,600	155
160	50.3	191.3	14,400	13,400	12,500	11,600	160
165	48.7	187.0	13,300	12,300	11,500	10,600	165
170	47.1	182.4	12,200	11,300	10,500	9,700	170
175	45.4	177.5	11,200	10,400	9,600	8,800	175
180	43.7	172.3	10,200	9,400	8,700	8,000	180
185	41.9	166.8	9,300	8,600	7,900	7,300	185
190	40.1	161.0	8,400	7,800	7,100	6,500	190
195	38.2	154.7	7,600	7,000	6,400	5,800	195
200	36.2	148.0	6,800	6,300	5,700	5,200	200
205	34.1	140.8	6,100	5,500	5,000	4,600	205
210	31.9	132.9	5,400	4,900	4,400	4,000	210
215	29.5	124.3	4,700	4,200			215
220	26.9	114.7	4,000				220

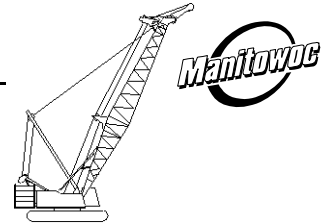


Liftcrane Boom Capacities

Boom No. 82 or 22EL
184,600 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

999 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
250 Ft. BOOM							
38	82.9	255.9	114,500 *				38
40	82.5	255.6	114,100 *				40
42	82.0	255.3	113,800 *	76,900 *			42
44	81.5	255.0	113,400 *	76,700 *			44
46	81.1	254.7	113,000 *	76,500 *			46
48	80.6	254.4	112,600 *	76,300 *	55,300 *		48
50	80.1	254.0	112,200 *	76,100 *	55,100 *		50
55	79.0	253.0	98,100	75,600 *	54,900 *	41,300 *	55
60	77.8	252.0	86,200	75,100 *	54,600 *	41,100 *	60
65	76.6	250.8	76,500	68,800	54,300 *	40,900 *	65
70	75.4	249.5	68,400	61,900	53,900 *	40,700 *	70
75	74.3	248.1	61,500	55,900	51,000	40,500 *	75
80	73.1	246.6	55,700	50,800	46,500	40,300 *	80
85	71.9	244.9	50,600	46,300	42,500	39,000	85
90	70.6	243.2	46,100	42,300	39,000	35,900	90
95	69.4	241.3	42,200	38,800	35,800	33,000	95
100	68.2	239.3	38,700	35,700	32,900	30,400	100
105	66.9	237.2	35,500	32,800	30,400	28,100	105
110	65.7	235.0	32,700	30,300	28,000	26,000	110
115	64.4	232.6	30,100	28,000	25,900	24,000	115
120	63.1	230.1	27,800	25,800	24,000	22,200	120
125	61.8	227.4	25,700	23,900	22,200	20,600	125
130	60.5	224.6	23,800	22,100	20,500	19,000	130
135	59.2	221.6	22,000	20,400	19,000	17,600	135
140	57.8	218.5	20,300	18,900	17,500	16,300	140
145	56.5	215.2	18,800	17,500	16,200	15,000	145
150	55.1	211.7	17,300	16,100	15,000	13,900	150
155	53.6	208.1	16,000	14,900	13,800	12,800	155
160	52.2	204.2	14,800	13,700	12,700	11,800	160
165	50.7	200.2	13,600	12,600	11,700	10,800	165
170	49.2	195.9	12,500	11,600	10,800	9,900	170
175	47.7	191.4	11,500	10,700	9,800	9,100	175
180	46.1	186.6	10,500	9,700	9,000	8,300	180
185	44.5	181.6	9,600	8,900	8,200	7,500	185
190	42.8	176.2	8,800	8,100	7,400	6,800	190
195	41.1	170.6	7,900	7,300	6,700	6,100	195
200	39.3	164.5	7,200	6,600	6,000	5,400	200
205	37.4	158.1	6,400	5,900	5,300	4,800	205
210	35.4	151.2	5,700	5,200	4,700	4,200	210
215	33.4	143.7	5,000	4,600	4,100		215
220	31.2	135.7	4,400	4,000			220



Liftcrane Boom Capacities

Boom No. 82 or 22EL
184,600 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

999 SERIES 2

Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds
260 Ft. BOOM			
40	82.8	265.7	104,300 *
42	82.3	265.4	103,900 *
44	81.9	265.1	103,600 *
46	81.4	264.8	103,200 *
48	81.0	264.5	102,800 *
50	80.5	264.2	102,400 *
55	79.4	263.2	97,700
60	78.3	262.2	85,900
65	77.2	261.1	76,100
70	76.0	259.8	68,000
75	74.9	258.5	61,100
80	73.7	257.0	55,300
85	72.6	255.5	50,200
90	71.4	253.8	45,700
95	70.2	252.0	41,700
100	69.1	250.1	38,200
105	67.9	248.1	35,100
110	66.7	245.9	32,300
115	65.5	243.7	29,700
120	64.2	241.3	27,400
125	63.0	238.7	25,300
130	61.8	236.1	23,300
135	60.5	233.2	21,500
140	59.2	230.3	19,900
145	57.9	227.2	18,300
150	56.6	223.9	16,900
155	55.3	220.4	15,600
160	53.9	216.8	14,300
165	52.5	213.0	13,200
170	51.1	209.0	12,100
175	49.7	204.8	11,100
180	48.2	200.4	10,100
185	46.7	195.7	9,200
190	45.1	190.8	8,300
195	43.5	185.6	7,500
200	41.9	180.1	6,700
205	40.2	174.2	6,000
210	38.5	168.0	5,300
215	36.6	161.4	4,600
220	34.7	154.3	4,000