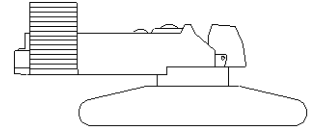


Liftcrane Boom Capacities

18000

Boom No. 55-79A with 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating - Four Swing Drives



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 (*).

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 in a level position on a firm uniformly supporting surface with machine list not to exceed degrees noted and mast up. Refer to boom rigging **No. A05379**, Wire Rope Specification chart **No. 8514-A or 8514-B** and Counterweight Arrangement chart **No. 8577-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 Operator's Manual for operating guidelines.

OPERATING RADIUS: Operating radius is horizontal distance from axis of rotation 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 **four swing drives**, 38 Ft. 9 in. crawlers, 60 in. treads, 30 Ft. live mast, 100 Ft. mast, 16 part boom hoist reeving, boom support straps, 528,000 Lb. crane counterweight and 320,000 Lb. carbody counterweight.

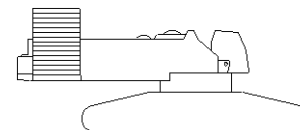
Maximum Boom Lengths Lifted Unassisted		
	Over End of Blocked Crawlers	Over Side of Crawlers
List	Boom Length	Boom Length
0 Degree	400 Ft.	380 Ft.
1 Degree	300 Ft.	300 Ft.
2 Degree	280 Ft.	280 Ft.
3 Degree	240 Ft.	240 Ft.
Load block, hook and weight ball on barge deck at start. Jib cannot be attached on crawler machine while operating on a barge.		

Upper Boom Point Deduct
Deduct 600 Lbs. from capacities when upper boom point No. A08516 is attached.

Upper Boom Point Capacity For Liftcrane Service - Whip Line		
28 mm		32 mm
Drum 2	Drum 3	Drum 2
Single Part Line		
35,800 Lb.	30,000 Lb.	48,800 Lb.
Two Part Line		
Upper Boom Point No. 170419		
60,000 Lb.	60,000 Lb.	60,000 Lb.
Upper Boom Point No. A08516		
71,600 Lb.	60,000 Lb.	97,600 Lb.
In all cases, upper boom point capacities cannot exceed those listed for main boom capacity.		

Liftcrane Boom Capacities

18000

Boom No. 55-79A with 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating - Four Swing Drives


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
120 Ft. Boom							
26	82.2	129.6	1,000,000 *				26
28	81.3	129.2	1,000,000 *	907,700 *			28
30	80.3	128.8	1,000,000 *	907,700 *	803,900 *		30
32	79.3	128.4	946,400 *	875,300 *	803,900 *	722,800 *	32
34	78.3	127.9	891,600 *	827,700 *	771,300 *	721,100 *	34
36	77.3	127.4	842,600 *	784,900 *	733,600 *	685,600 *	36
38	76.3	126.8	798,400 *	746,100 *	698,300 *	652,100 *	38
40	75.4	126.2	758,500 *	710,700 *	663,900 *	621,700 *	40
45	72.8	124.6	670,200 *	628,200 *	590,400 *	556,100 *	45
50	70.3	122.7	595,800 *	561,800 *	530,800 *	502,400 *	50
55	67.7	120.6	535,500 *	507,400 *	481,500 *	457,700 *	55
60	65.0	118.1	485,500 *	462,000 *	440,100 *	419,800 *	60
65	62.3	115.4	443,500 *	423,500 *	404,800 *	387,300 *	65
70	59.5	112.3	407,600 *	390,500 *	374,300 *	359,200 *	70
75	56.6	108.9	376,700 *	361,800 *	347,800 *	334,500 *	75
80	53.7	105.2	349,700 *	336,700 *	324,300 *	311,700 *	80
85	50.5	100.9	323,600	311,600	300,200	289,200	85
90	47.2	96.2	299,200	288,900	279,000	269,500	90
95	43.8	90.9	277,800	268,900	260,300	252,100	95
100	40.0	84.8	258,900	251,200	243,700	236,500	100
105	35.9	77.9	242,000	235,400	228,900	222,600	105
110	31.3	69.7	226,900	221,200	215,600	210,200	110
115	26.0	59.6	213,200	208,400	203,600	199,000	115
120	19.0	46.0	192,100 *	190,800 *	189,600 *	188,500 *	120

Liftcrane Boom Capacities

18000

Boom No. 55-79A with 100 Ft. Mast No. 56

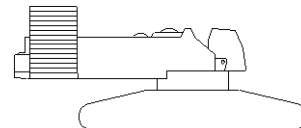
528,000 Lb. Crane Counterweight

320,000 Lb. Carbody Counterweight

Crawler Machine on a Barge

0 Degree thru 3 Degree Machine List

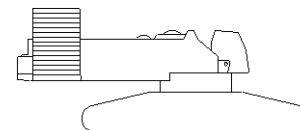
No Travel - 360 Degree Rating - Four Swing Drives



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							
28	82.5	149.5	1,000,000 *				28
30	81.7	149.2	1,000,000 *	848,700 *			30
32	80.9	148.8	943,300 *	848,700 *	754,600 *		32
34	80.0	148.4	888,600 *	816,700 *	754,300 *	680,800 *	34
36	79.2	148.0	839,700 *	774,700 *	717,900 *	664,400 *	36
38	78.3	147.5	795,600 *	736,600 *	683,000 *	632,600 *	38
40	77.5	147.0	755,700 *	701,800 *	649,700 *	603,600 *	40
45	75.4	145.6	667,900 *	620,500 *	578,400 *	540,800 *	45
50	73.2	144.0	593,600 *	555,100 *	520,500 *	489,300 *	50
55	71.1	142.2	533,300 *	501,400 *	472,500 *	446,100 *	55
60	68.9	140.2	483,400 *	456,600 *	432,000 *	409,500 *	60
65	66.6	137.9	441,400 *	418,600 *	397,500 *	378,000 *	65
70	64.3	135.4	405,600 *	385,900 *	367,600 *	350,600 *	70
75	62.0	132.7	374,600 *	357,500 *	341,600 *	326,600 *	75
80	59.6	129.7	347,700 *	332,700 *	318,600 *	304,300 *	80
85	57.1	126.3	322,500	308,300	295,000	282,300	85
90	54.6	122.7	298,100	285,800	274,100	263,000	90
95	52.0	118.7	276,700	266,000	255,700	245,900	95
100	49.3	114.3	257,800	248,400	239,300	230,700	100
105	46.4	109.5	241,000	232,700	224,600	216,900	105
110	43.4	104.1	225,900	218,500	211,400	204,600	110
115	40.2	98.1	212,300	205,800	199,500	193,400	115
120	36.8	91.3	199,900	194,200	188,600	183,100	120
125	33.0	83.6	188,700	183,600	178,700	173,800	125
130	28.8	74.6	178,300	173,900	169,600	165,300	130
135	23.8	63.5	168,800	165,000	161,300	157,600	135
140	17.5	48.7	160,000	156,800	153,700	150,600	140

Liftcrane Boom Capacities

18000

Boom No. 55-79A with 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating - Four Swing Drives


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							
30	82.7	169.5	939,300 *				30
32	82.0	169.1	939,300 *	806,500 *			32
34	81.3	168.8	884,800 *	805,100 *			34
36	80.6	168.4	835,900 *	763,800 *	701,900 *		36
38	79.8	168.0	791,900 *	726,400 *	667,400 *	613,200 *	38
40	79.1	167.6	752,000 *	692,200 *	635,200 *	585,500 *	40
45	77.3	166.4	664,800 *	612,200 *	566,100 *	525,400 *	45
50	75.4	165.0	590,500 *	547,700 *	509,700 *	475,800 *	50
55	73.5	163.4	530,300 *	494,800 *	462,900 *	434,200 *	55
60	71.6	161.7	480,400 *	450,500 *	423,400 *	398,700 *	60
65	69.7	159.8	438,400 *	412,900 *	389,600 *	368,200 *	65
70	67.8	157.6	402,600 *	380,600 *	360,300 *	341,600 *	70
75	65.8	155.3	371,700 *	352,500 *	334,700 *	318,200 *	75
80	63.8	152.8	344,800 *	327,900 *	312,200 *	296,500	80
85	61.7	150.0	320,600	304,400	289,200	275,100	85
90	59.6	147.0	296,200	282,000	268,700	256,200	90
95	57.5	143.7	274,700	262,300	250,600	239,500	95
100	55.3	140.2	255,800	244,800	234,400	224,500	100
105	53.1	136.4	239,000	229,200	219,900	211,000	105
110	50.7	132.2	223,900	215,100	206,800	198,900	110
115	48.3	127.7	210,200	202,400	195,000	187,800	115
120	45.8	122.7	197,900	190,900	184,200	177,700	120
125	43.2	117.3	186,700	180,400	174,300	168,500	125
130	40.4	111.3	176,400	170,700	165,300	160,000	130
135	37.4	104.8	166,900	161,900	156,900	152,100	135
140	34.2	97.4	158,200	153,700	149,200	144,900	140
145	30.7	89.0	150,200	146,100	142,100	138,200	145
150	26.8	79.2	142,600	139,000	135,500	132,100	150
155	22.2	67.2	135,600	132,500	129,400	126,400	155
160	16.2	51.3	129,000	126,400	123,700	121,200	160

Liftcrane Boom Capacities

18000

Boom No. 55-79A with 100 Ft. Mast No. 56

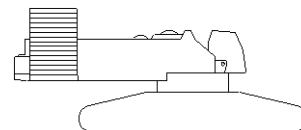
528,000 Lb. Crane Counterweight

320,000 Lb. Carbody Counterweight

Crawler Machine on a Barge

0 Degree thru 3 Degree Machine List

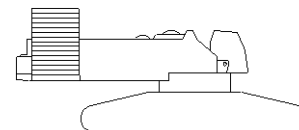
No Travel - 360 Degree Rating - Four Swing Drives



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							
32	82.9	189.4	820,700 *				32
34	82.3	189.1	820,700 *				34
36	81.6	188.7	820,700 *	703,100 *			36
38	81.0	188.4	790,400 *	703,100 *	641,200 *		38
40	80.3	188.0	750,500 *	684,800 *	623,100 *		40
45	78.7	186.9	663,700 *	605,900 *	556,000 *	512,600 *	45
50	77.1	185.7	589,400 *	542,400 *	501,200 *	464,800 *	50
55	75.4	184.4	529,200 *	490,100 *	455,500 *	424,600 *	55
60	73.7	182.8	479,300 *	446,300 *	416,800 *	390,200 *	60
65	72.1	181.1	437,300 *	409,100 *	383,700 *	360,600 *	65
70	70.4	179.3	401,500 *	377,100 *	355,000 *	334,700 *	70
75	68.7	177.3	370,600 *	349,300 *	329,800 *	311,900 *	75
80	66.9	175.1	343,600 *	324,900 *	307,700 *	290,600 *	80
85	65.2	172.7	319,900 *	302,000 *	285,300 *	269,700 *	85
90	63.4	170.1	295,700 *	279,800 *	265,100 *	251,300 *	90
95	61.5	167.3	274,300 *	260,200 *	247,200 *	234,900 *	95
100	59.7	164.3	255,300 *	242,900 *	231,200 *	220,200 *	100
105	57.8	161.1	238,400 *	227,300 *	216,900 *	207,000 *	105
110	55.9	157.6	223,300 *	213,300 *	204,000 *	195,000 *	110
115	53.9	153.9	209,600 *	200,700 *	192,200 *	184,100 *	115
120	51.8	149.9	197,300 *	189,200 *	181,500 *	174,200 *	120
125	49.7	145.6	186,100 *	178,800 *	171,800 *	165,100 *	125
130	47.6	141.0	175,800 *	169,100 *	162,800 *	156,700 *	130
135	45.3	135.9	166,300 *	160,300 *	154,500 *	148,900 *	135
140	43.0	130.5	157,600 *	152,100 *	146,900 *	141,700 *	140
145	40.5	124.6	149,600 *	144,600 *	139,800 *	135,100 *	145
150	37.9	118.1	142,100 *	137,600 *	133,200 *	128,900 *	150
155	35.1	111.0	135,200 *	131,000 *	127,000 *	123,100 *	155
160	32.1	103.0	128,700 *	124,900 *	121,300 *	117,700 *	160
165	28.8	94.0	122,600 *	119,200 *	115,900 *	112,700 *	165
170	25.1	83.5	116,900 *	113,800 *	110,900 *	108,000 *	170
175	20.8	70.7	111,500 *	108,800 *	106,200 *	103,600 *	175
180	15.2	53.8	106,300 *	104,000 *	101,800 *	99,600 *	180

Liftcrane Boom Capacities

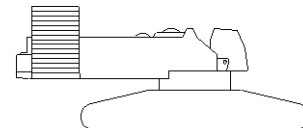
18000

Boom No. 55-79A with 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating - Four Swing Drives


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							
36	82.5	209.0	754,200 *				36
38	81.9	208.7	754,200 *	619,700 *			38
40	81.3	208.3	750,000 *	619,700 *			40
45	79.8	207.4	663,500 *	600,600 *	547,200 *	501,100 *	45
50	78.4	206.3	589,200 *	538,000 *	493,800 *	455,100 *	50
55	76.9	205.1	529,000 *	486,400 *	449,200 *	416,200 *	55
60	75.4	203.7	479,100 *	443,200 *	411,300 *	383,000 *	60
65	73.9	202.2	437,100 *	406,400 *	378,900 *	354,200 *	65
70	72.4	200.6	401,300 *	374,700 *	350,700 *	329,000 *	70
75	70.9	198.8	370,400 *	347,200 *	326,100 *	306,800 *	75
80	69.4	196.8	343,500 *	323,000 *	304,300 *	285,800	80
85	67.8	194.7	319,800 *	300,600	282,300	265,500	85
90	66.2	192.5	296,100	278,600	262,400	247,500	90
95	64.6	190.0	274,600	259,100	244,800	231,500	95
100	63.0	187.4	255,700	241,900	229,000	217,100	100
105	61.4	184.6	238,800	226,400	214,900	204,100	105
110	59.7	181.6	223,600	212,500	202,100	192,400	110
115	58.0	178.5	210,000	200,000	190,600	181,700	115
120	56.3	175.1	197,600	188,600	180,000	171,900	120
125	54.5	171.4	186,400	178,100	170,300	162,900	125
130	52.7	167.6	176,100	168,600	161,400	154,600	130
135	50.9	163.4	166,600	159,800	153,200	147,000	135
140	48.9	159.0	157,900	151,700	145,700	139,900	140
145	47.0	154.3	149,900	144,100	138,600	133,300	145
150	44.9	149.2	142,400	137,200	132,100	127,200	150
155	42.8	143.7	135,500	130,600	126,000	121,400	155
160	40.6	137.9	129,000	124,600	120,200	116,100	160
165	38.3	131.5	123,000	118,900	114,900	111,000	165
170	35.8	124.5	117,300	113,500	109,900	106,300	170
175	33.2	116.8	112,000	108,500	105,200	101,900	175
180	30.4	108.3	106,900	103,800	100,700	97,700	180
185	27.3	98.7	102,200	99,300	96,500	93,800	185
190	23.8	87.5	97,700	95,100	92,600	90,100	190
195	19.6	74.0	93,400	91,100	88,800	86,600	195

Liftcrane Boom Capacities

18000

Boom No. 55-79A with 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating - Four Swing Drives


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							
38	82.6	228.9	683,200 *				38
40	82.1	228.6	683,200 *				40
45	80.8	227.7	642,700 *	581,500 *	506,500 *		45
50	79.5	226.8	582,700 *	532,200 *	485,000 *	418,800 *	50
55	78.1	225.7	527,200 *	481,300 *	441,500 *	406,700 *	55
60	76.8	224.4	477,400 *	438,500 *	404,500 *	374,500 *	60
65	75.4	223.1	435,400 *	402,100 *	372,700 *	346,500 *	65
70	74.1	221.6	399,600 *	370,800 *	345,100 *	322,000 *	70
75	72.7	220.0	368,700 *	343,500 *	320,800 *	300,300 *	75
80	71.3	218.2	341,700 *	319,500 *	299,400 *	279,800 *	80
85	69.9	216.4	318,000 *	297,700	277,900	259,900	85
90	68.5	214.3	295,000	275,800	258,300	242,400	90
95	67.1	212.2	273,500	256,500	241,000	226,700	95
100	65.7	209.9	254,500	239,400	225,500	212,600	100
105	64.2	207.4	237,600	224,000	211,500	199,900	105
110	62.8	204.7	222,400	210,200	198,900	188,300	110
115	61.3	201.9	208,700	197,700	187,500	177,800	115
120	59.7	199.0	196,400	186,400	177,000	168,200	120
125	58.2	195.8	185,100	176,000	167,400	159,300	125
130	56.6	192.5	174,800	166,500	158,600	151,200	130
135	55.0	188.9	165,400	157,700	150,500	143,600	135
140	53.4	185.1	156,700	149,700	143,000	136,600	140
145	51.7	181.1	148,600	142,200	136,000	130,100	145
150	50.0	176.9	141,200	135,200	129,500	124,100	150
155	48.3	172.4	134,200	128,700	123,500	118,400	155
160	46.5	167.6	127,800	122,700	117,800	113,100	160
165	44.6	162.4	121,700	117,000	112,500	108,100	165
170	42.7	157.0	116,100	111,700	107,500	103,400	170
175	40.7	151.1	110,700	106,700	102,800	99,000	175
180	38.6	144.8	105,700	102,000	98,300	94,800	180
185	36.4	137.9	101,000	97,500	94,200	90,900	185
190	34.0	130.5	96,500	93,300	90,200	87,100	190
195	31.5	122.4	92,300	89,300	86,500	83,600	195
200	28.9	113.3	88,300	85,600	82,900	80,300	200
205	25.9	103.1	84,500	82,000	79,500	77,100	205
210	22.6	91.3	80,800	78,500	76,300	74,100	210
215	18.6	77.1	77,300	75,300	73,300	71,300	215

Liftcrane Boom Capacities

18000

Boom No. 55-79A with 100 Ft. Mast No. 56

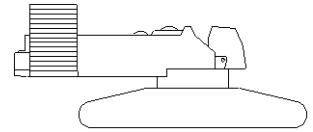
528,000 Lb. Crane Counterweight

320,000 Lb. Carbody Counterweight

Crawler Machine on a Barge

0 Degree thru 3 Degree Machine List

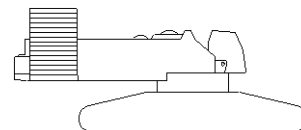
No Travel - 360 Degree Rating - Four Swing Drives



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							
40	82.8	248.9	633,700 *				40
45	81.6	248.1	599,800 *	511,000 *			45
50	80.3	247.1	543,900 *	492,600 *	424,600 *		50
55	79.1	246.1	498,400 *	455,400 *	411,900 *	335,900 *	55
60	77.9	245.0	460,500 *	424,000 *	392,300 *	335,900 *	60
65	76.7	243.8	428,400 *	396,900 *	367,600 *	335,900 *	65
70	75.4	242.4	398,800 *	367,800 *	340,400 *	316,100 *	70
75	74.2	241.0	367,900 *	340,800 *	316,600 *	295,000 *	75
80	72.9	239.4	340,900 *	317,000 *	295,600 *	274,700	80
85	71.7	237.7	317,200 *	295,600	274,400	255,300	85
90	70.4	235.9	294,700	273,900	255,200	238,100	90
95	69.1	233.9	273,100	254,800	238,100	222,800	95
100	67.8	231.8	254,100	237,700	222,800	209,000	100
105	66.5	229.6	237,200	222,500	209,000	196,500	105
110	65.2	227.2	222,000	208,800	196,500	185,200	110
115	63.9	224.7	208,300	196,300	185,200	174,900	115
120	62.5	222.1	195,900	185,100	174,900	165,400	120
125	61.2	219.3	184,700	174,700	165,400	156,700	125
130	59.8	216.3	174,400	165,300	156,700	148,700	130
135	58.4	213.2	164,900	156,600	148,700	141,300	135
140	56.9	209.9	156,200	148,500	141,300	134,400	140
145	55.5	206.4	148,200	141,100	134,300	127,900	145
150	54.0	202.7	140,700	134,200	127,900	122,000	150
155	52.5	198.8	133,800	127,700	121,900	116,300	155
160	50.9	194.7	127,300	121,700	116,300	111,100	160
165	49.3	190.3	121,300	116,000	111,000	106,200	165
170	47.7	185.7	115,600	110,700	106,000	101,500	170
175	46.1	180.8	110,300	105,800	101,400	97,100	175
180	44.3	175.7	105,300	101,100	97,000	93,000	180
185	42.6	170.2	100,600	96,700	92,800	89,100	185
190	40.7	164.3	96,200	92,500	88,900	85,400	190
195	38.8	158.1	92,000	88,500	85,200	81,900	195
200	36.8	151.4	88,000	84,700	81,600	78,600	200
205	34.7	144.1	84,200	81,200	78,300	75,400	205
210	32.5	136.2	80,600	77,800	75,100	72,400	210
215	30.1	127.7	77,100	74,500	72,000	69,500	215
220	27.6	118.1	73,800	71,400	69,100	66,800	220
225	24.7	107.4	70,700	68,500	66,300	64,200	225
230	21.5	95.0	67,700	65,700	63,700	61,700	230
235	17.8	80.1	64,800	63,000	61,200	59,400	235

Liftcrane Boom Capacities

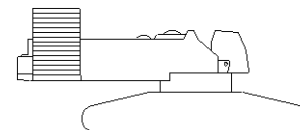
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Boom No. 55-79A with 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating - Four Swing Drives


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
260 Ft. Boom						
45	82.2	268.3	562,600 *			45
50	81.1	267.5	509,600 *	448,400 *		50
55	80.0	266.5	466,600 *	422,500 *	345,800 *	55
60	78.9	265.5	430,900 *	393,400 *	345,800 *	60
65	77.7	264.4	400,700 *	368,300 *	340,200 *	65
70	76.6	263.1	374,800 *	346,500 *	321,700 *	70
75	75.4	261.8	352,200 *	327,300 *	305,200 *	75
80	74.3	260.4	332,300 *	310,100 *	290,400 *	80
85	73.1	258.8	314,500 *	292,400	269,900	85
90	72.0	257.1	293,300	270,900	250,900	90
95	70.8	255.3	271,700	251,900	234,100	95
100	69.6	253.4	252,600	235,000	219,000	100
105	68.4	251.4	235,600	219,800	205,400	105
110	67.2	249.3	220,400	206,200	193,100	110
115	66.0	247.0	206,700	193,800	181,900	115
120	64.8	244.6	194,400	182,600	171,700	120
125	63.6	242.1	183,100	172,300	162,300	125
130	62.3	239.4	172,800	162,900	153,700	130
135	61.1	236.6	163,300	154,200	145,700	135
140	59.8	233.6	154,600	146,200	138,400	140
145	58.5	230.5	146,500	138,800	131,500	145
150	57.2	227.2	139,100	131,900	125,100	150
155	55.8	223.8	132,100	125,500	119,200	155
160	54.5	220.2	125,700	119,500	113,600	160
165	53.1	216.4	119,600	113,900	108,400	165
170	51.7	212.4	114,000	108,600	103,500	170
175	50.2	208.1	108,700	103,600	98,800	175
180	48.8	203.7	103,700	99,000	94,400	180
185	47.3	199.0	99,000	94,600	90,300	185
190	45.7	194.1	94,500	90,400	86,400	190
195	44.1	188.9	90,300	86,400	82,700	195
200	42.5	183.4	86,300	82,700	79,200	200
205	40.8	177.6	82,500	79,100	75,800	205
210	39.0	171.4	79,000	75,800	72,700	210
215	37.2	164.7	75,500	72,500	69,600	215
220	35.3	157.6	72,300	69,500	66,700	220
225	33.3	150.0	69,200	66,500	64,000	225
230	31.2	141.7	66,200	63,700	61,300	230
235	28.9	132.7	63,300	61,000	58,800	235
240	26.4	122.7	60,600	58,400	56,400	240
245	23.7	111.5	57,900	56,000	54,000	245
250	20.6	98.5	55,400	53,600	51,800	250

Liftcrane Boom Capacities

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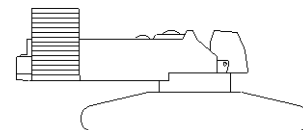
Boom No. 55-79A with 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating - Four Swing Drives


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
280 Ft. Boom						
45	82.8	288.5	488,000 *			45
50	81.7	287.8	481,200 *	374,100 *		50
55	80.7	286.9	440,100 *	362,500 *	284,400 *	55
60	79.7	286.0	406,100 *	351,300 *	284,400 *	60
65	78.6	284.9	377,400 *	340,300 *	282,700 *	65
70	77.6	283.8	352,800 *	323,800 *	274,700 *	70
75	76.5	282.5	331,400 *	305,800 *	267,000 *	75
80	75.5	281.2	312,600 *	289,800 *	259,500 *	80
85	74.4	279.7	295,900 *	275,500 *	252,300 *	85
90	73.3	278.2	280,900 *	262,500 *	245,200 *	90
95	72.2	276.5	267,400 *	249,700	230,800	95
100	71.2	274.8	251,800	232,900	215,900	100
105	70.1	272.9	234,800	217,900	202,500	105
110	69.0	271.0	219,600	204,300	190,400	110
115	67.9	268.9	205,900	192,000	179,400	115
120	66.7	266.7	193,500	180,900	169,300	120
125	65.6	264.4	182,200	170,700	160,000	125
130	64.5	262.0	171,900	161,300	151,500	130
135	63.3	259.4	162,400	152,700	143,600	135
140	62.2	256.7	153,700	144,700	136,300	140
145	61.0	253.9	145,600	137,300	129,500	145
150	59.8	250.9	138,200	130,400	123,200	150
155	58.6	247.8	131,200	124,000	117,300	155
160	57.4	244.6	124,800	118,100	111,700	160
165	56.1	241.2	118,700	112,500	106,600	165
170	54.9	237.6	113,100	107,200	101,700	170
175	53.6	233.9	107,800	102,300	97,100	175
180	52.3	230.0	102,800	97,600	92,700	180
185	51.0	225.9	98,100	93,300	88,600	185
190	49.6	221.6	93,600	89,100	84,800	190
195	48.3	217.1	89,400	85,200	81,100	195
200	46.9	212.4	85,500	81,400	77,600	200
205	45.4	207.4	81,700	77,900	74,300	205
210	43.9	202.1	78,100	74,500	71,100	210
215	42.4	196.6	74,700	71,300	68,100	215
220	40.8	190.8	71,400	68,300	65,200	220
225	39.2	184.6	68,300	65,400	62,500	225
230	37.5	178.1	65,400	62,600	59,800	230
235	35.8	171.1	62,500	59,900	57,300	235
240	33.9	163.7	59,800	57,300	54,900	240
245	32.0	155.7	57,200	54,900	52,600	245
250	30.0	147.0	54,700	52,500	50,400	250
260	25.4	127.1	50,000	48,100	46,200	260
270	19.8	101.9	45,500	43,900	42,300	270

Liftcrane Boom Capacities

Boom No. 55-79A with 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating - Four Swing Drives

18000



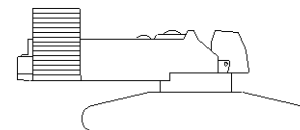
Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds
300 Ft. Boom				
50	82.3	308.0	430,500 *	321,000 *
55	81.3	307.2	416,100 *	317,400 *
60	80.4	306.3	383,400 *	308,000 *
65	79.4	305.3	355,800 *	298,900 *
70	78.4	304.3	332,200 *	285,400 *
75	77.4	303.1	293,800 *	270,400 *
80	76.4	301.9	277,900 *	256,900 *
85	75.5	300.5	263,700 *	244,700 *
90	74.5	299.1	250,800 *	233,600 *
95	73.5	297.6	239,200 *	223,400 *
100	72.5	296.0	228,500 *	214,100 *
105	71.5	294.2	217,800	201,600
110	70.4	292.4	204,100	189,400
115	69.4	290.5	191,700	178,200
120	68.4	288.5	180,400	168,100
125	67.3	286.4	170,100	158,700
130	66.3	284.1	160,600	150,200
135	65.2	281.8	151,800	142,200
140	64.2	279.3	143,800	134,900
145	63.1	276.7	136,300	128,000
150	62.0	274.0	129,400	121,700
155	60.9	271.2	122,900	115,700
160	59.8	268.3	116,900	110,100
165	58.7	265.2	111,200	104,900
170	57.6	262.0	105,900	100,000
175	56.4	258.6	100,900	95,300
180	55.2	255.1	96,200	91,000
185	54.1	251.4	91,700	86,800
190	52.9	247.6	87,500	82,900
195	51.6	243.6	83,600	79,200
200	50.4	239.4	79,800	75,700
205	49.1	235.0	76,200	72,300
210	47.8	230.4	72,800	69,100
215	46.5	225.7	69,600	66,100
220	45.1	220.6	66,500	63,200
225	43.8	215.4	63,500	60,400
230	42.3	209.9	60,700	57,700
235	40.9	204.0	58,000	55,200
240	39.4	197.9	55,400	52,700
245	37.8	191.4	52,900	50,400
250	36.2	184.6	48,200	46,000
260	32.7	169.5	43,800	41,900
270	28.9	152.1	39,800	38,000
280	24.5	131.4	35,800 *	34,500
290	19.1	105.2		

Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds
320 Ft. Boom			
50	82.8	328.2	397,500 *
55	81.9	327.5	385,100 *
60	81.0	326.6	364,300 *
65	80.1	325.7	337,600 *
70	79.1	324.7	314,800 *
75	78.2	323.6	295,100 *
80	77.3	322.5	277,800 *
85	76.4	321.2	262,600 *
90	75.5	319.9	248,900 *
95	74.5	318.5	236,600 *
100	73.6	317.0	225,500 *
105	72.7	315.4	215,300 *
110	71.7	313.7	206,000 *
115	70.8	311.9	197,400 *
120	69.8	310.0	189,400 *
125	68.8	308.0	179,200
130	67.9	306.0	168,900
135	66.9	303.8	159,400
140	65.9	301.5	150,700
145	64.9	299.1	142,600
150	63.9	296.7	135,100
155	62.9	294.1	128,200
160	61.9	291.4	121,700
165	60.9	288.5	115,600
170	59.8	285.6	110,000
175	58.8	282.5	104,700
180	57.7	279.3	99,700
185	56.6	276.0	95,000
190	55.5	272.5	90,500
195	54.4	268.9	86,300
200	53.3	265.1	82,400
205	52.2	261.2	78,600
210	51.0	257.1	75,000
215	49.9	252.9	71,600
220	48.7	248.4	68,400
225	47.4	243.8	65,300
230	46.2	238.9	62,300
235	44.9	233.9	59,500
240	43.6	228.6	56,800
245	42.3	223.1	54,200
250	40.9	217.3	51,700
260	38.0	204.7	47,100
270	35.0	190.8	42,700
280	31.6	175.1	38,700
290	27.9	157.0	35,000
300	23.7	135.4	30,600 *
310	18.5	108.3	26,300 *

Liftcrane Boom Capacities

18000

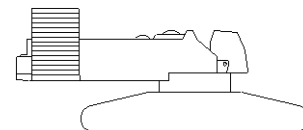
Boom No. 55-79A with 100 Ft. Mast No. 56
 528,000 Lb. Crane Counterweight
 320,000 Lb. Carbody Counterweight
 Crawler Machine on a Barge
 0 Degree thru 3 Degree Machine List
 No Travel - 360 Degree Rating - Four Swing Drives



Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds
340 Ft. Boom			
55	82.4	347.7	313,700 *
60	81.5	346.9	311,600 *
65	80.6	346.1	309,500 *
70	79.8	345.1	298,400 *
75	78.9	344.1	279,200 *
80	78.1	343.0	262,500 *
85	77.2	341.9	247,700 *
90	76.3	340.6	234,500 *
95	75.5	339.3	222,600 *
100	74.6	337.9	211,900 *
105	73.7	336.4	202,200 *
110	72.8	334.8	193,200 *
115	71.9	333.1	185,000 *
120	71.0	331.4	177,400 *
125	70.1	329.5	170,300 *
130	69.2	327.6	163,700 *
135	68.3	325.6	157,400
140	67.4	323.5	148,700
145	66.5	321.2	140,600
150	65.6	318.9	133,100
155	64.6	316.5	126,200
160	63.7	314.0	119,700
165	62.7	311.4	113,600
170	61.8	308.7	108,000
175	60.8	305.9	102,700
180	59.8	302.9	97,700
185	58.8	299.9	93,000
190	57.9	296.7	88,500
195	56.8	293.4	84,300
200	55.8	289.9	80,300
205	54.8	286.4	76,600
210	53.7	282.6	73,000
215	52.7	278.8	69,600
220	51.6	274.8	66,300
225	50.5	270.6	63,200
230	49.4	266.3	60,300
235	48.2	261.8	57,500
240	47.1	257.1	54,800
245	45.9	252.2	52,200
250	44.7	247.1	49,700
260	42.2	236.3	45,100
270	39.6	224.4	40,700
280	36.8	211.4	36,700
290	33.9	196.8	32,900 *
300	30.6	180.5	28,500 *
310	27.0	161.7	22,800 *
320	22.9	139.4	15,100 *

Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds
360 Ft. Boom			
55	82.8	367.9	298,700 *
60	82.0	367.2	298,300 *
65	81.2	366.4	295,800 *
70	80.4	365.5	282,800 *
75	79.6	364.5	265,300 *
80	78.7	363.5	249,000 *
85	77.9	362.4	234,600 *
90	77.1	361.2	221,800 *
95	76.3	360.0	210,300 *
100	75.5	358.6	199,900 *
105	74.6	357.2	190,400 *
110	73.8	355.7	181,800 *
115	73.0	354.2	173,900 *
120	72.1	352.5	166,500 *
125	71.3	350.8	159,700 *
130	70.5	349.0	153,400 *
135	69.6	347.1	147,500 *
140	68.7	345.1	141,900 *
145	67.9	343.1	136,700 *
150	67.0	340.9	131,500
155	66.1	338.7	124,500
160	65.3	336.3	118,000
165	64.4	333.9	111,900
170	63.5	331.4	106,300
175	62.6	328.7	100,900
180	61.7	326.0	95,900
185	60.8	323.2	91,200
190	59.8	320.2	86,800
195	58.9	317.2	82,600
200	58.0	314.0	78,600
205	57.0	310.7	74,800
210	56.1	307.3	71,300
215	55.1	303.8	67,900
220	54.1	300.1	64,600
225	53.1	296.4	61,500
230	52.1	292.4	58,600
235	51.1	288.4	55,700
240	50.0	284.1	53,100
245	49.0	279.7	50,500
250	47.9	275.2	48,000
260	45.7	265.5	43,300
270	43.4	255.1	39,000
280	41.0	243.7	35,000
290	38.4	231.4	31,000 *
300	35.7	217.8	26,600 *
310	32.9	202.7	22,600 *
320	29.7	185.7	18,700 *
330	26.3	166.3	15,100 *

Liftcrane Boom Capacities

Boom No. 55-79A with 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating - Four Swing Drives
18000


Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds
380 Ft. Boom			
60	82.4	387.4	257,400 *
65	81.6	386.6	256,000 *
70	80.9	385.8	254,600 *
75	80.1	384.9	252,100 *
80	79.3	383.9	236,200 *
85	78.6	382.9	222,100 *
90	77.8	381.8	209,600 *
95	77.0	380.6	198,400 *
100	76.2	379.3	188,300 *
105	75.5	378.0	179,100 *
110	74.7	376.6	170,700 *
115	73.9	375.1	163,000 *
120	73.1	373.6	155,900 *
125	72.3	372.0	149,300 *
130	71.5	370.2	143,200 *
135	70.7	368.5	137,500 *
140	69.9	366.6	132,100 *
145	69.1	364.7	127,100 *
150	68.3	362.6	122,300 *
155	67.5	360.5	117,800 *
160	66.7	358.4	113,600 *
165	65.8	356.1	109,500 *
170	65.0	353.7	104,200
175	64.2	351.2	98,800
180	63.3	348.7	93,800
185	62.5	346.1	89,100
190	61.6	343.3	84,700
195	60.7	340.5	80,500
200	59.9	337.5	76,500
205	59.0	334.5	72,700
210	58.1	331.4	69,100
215	57.2	328.1	65,700
220	56.3	324.7	62,500
225	55.4	321.2	59,400
230	54.4	317.6	56,400
235	53.5	313.9	53,600
240	52.5	310.0	50,900
245	51.6	306.0	48,300
250	50.6	301.9	45,900
260	48.6	293.1	41,200
270	46.5	283.8	36,900
280	44.4	273.7	32,900
290	42.1	262.7	28,400 *
300	39.8	250.9	24,100 *
310	37.3	238.1	20,000 *
320	34.7	224.0	16,200 *

Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds
400 Ft. Boom			
60	82.8	407.6	220,200 *
65	82.1	406.9	220,200 *
70	81.3	406.1	220,200 *
75	80.6	405.2	220,200 *
80	79.9	404.3	219,300 *
85	79.2	403.3	211,400 *
90	78.4	402.3	199,100 *
95	77.7	401.1	188,100 *
100	77.0	400.0	178,200 *
105	76.2	398.7	169,300 *
110	75.5	397.4	161,100 *
115	74.7	396.0	153,600 *
120	74.0	394.5	146,700 *
125	73.2	393.0	140,300 *
130	72.5	391.4	134,300 *
135	71.7	389.7	128,800 *
140	71.0	387.9	123,600 *
145	70.2	386.1	118,800 *
150	69.4	384.2	114,200 *
155	68.7	382.2	109,900 *
160	67.9	380.1	105,800 *
165	67.1	378.0	101,900 *
170	66.3	375.8	98,200 *
175	65.5	373.5	94,600 *
180	64.7	371.1	91,300 *
185	63.9	368.6	87,500
190	63.1	366.0	83,100
195	62.3	363.4	78,900
200	61.5	360.6	74,900
205	60.7	357.8	71,100
210	59.9	354.9	67,500
215	59.0	351.8	64,100
220	58.2	348.7	60,900
225	57.3	345.5	57,800
230	56.5	342.1	54,900
235	55.6	338.7	52,000
240	54.7	335.1	49,300
245	53.8	331.4	46,800
250	52.9	327.6	44,300
260	51.1	319.6	39,600
270	49.2	311.0	35,300
280	47.3	301.9	31,100 *
290	45.3	292.1	26,500 *
300	43.2	281.5	22,200 *
310	41.0	270.2	18,200 *