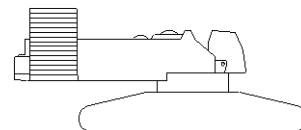


Liftcrane Boom Capacities

18000

Boom No. 55-79A with 30,5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg 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.

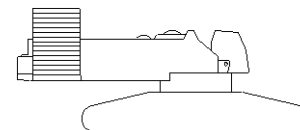
MACHINE EQUIPMENT: Machine equipped with **four swing drives**, 11 811 mm crawlers, 1 524 mm treads, 9,1m live mast, 30,5m mast, 16 part boom hoist reeving, boom support straps, 239 500 kg crane counterweight and 145 150 kg carbody counterweight.

Maximum Boom Lengths Lifted Unassisted		
List	Over End of Blocked Crawlers	Over Side of Crawlers
	Boom Length	Boom Length
0 Degree	121,9m	115,8m
1 Degree	91,4m	91,4m
2 Degree	85,3m	85,3m
3 Degree	73,2m	73,2m
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 270 kg 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		
16 240 kg	13 610 kg	22 140 kg
Two Part Line		
Upper Boom Point No. 170419		
27 220 kg	27 220 kg	27 220 kg
Upper Boom Point No. A08516		
32 480 kg	27 220 kg	44 270 kg
In all cases, upper boom point capacities cannot exceed those listed for main boom capacity.		

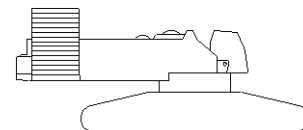
Liftcrane Boom Capacities

18000
Boom No. 55-79A with 30,5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating - Four Swing Drives


Oper. Radius Meters	Boom Angle Deg.	Boom Point Elev. Meters	0 Degree List Boom Capacity Kilograms	1 Degree List Boom Capacity Kilograms	2 Degree List Boom Capacity Kilograms	3 Degree List Boom Capacity Kilograms	Oper. Radius Meters
36,6m (120 Ft.) Boom							
7,9	82,2	39,5	453 500 *				7,9
8,0	82,1	39,5	453 500 *				8,0
9,0	80,5	39,3	453 500 *	411 700 *			9,0
10,0	78,9	39,1	419 200 *	389 100 *	358 600 *	327 500 *	10,0
11,0	77,3	38,8	381 200 *	355 200 *	332 000 *	310 200 *	11,0
12,0	75,7	38,5	349 500 *	327 200 *	306 000 *	286 100 *	12,0
14,0	72,4	37,9	297 200 *	278 700 *	262 200 *	247 200 *	14,0
16,0	69,0	37,1	255 800 *	241 800 *	229 000 *	217 200 *	16,0
18,0	65,5	36,2	224 100 *	213 100 *	202 900 *	193 400 *	18,0
20,0	62,0	35,1	199 000 *	190 100 *	181 700 *	173 900 *	20,0
22,0	58,3	33,8	178 400 *	171 200 *	164 300 *	157 800 *	22,0
24,0	54,4	32,3	161 500 *	155 400 *	149 600 *	143 900 *	24,0
26,0	50,3	30,7	146 000	140 600	135 500	130 600	26,0
28,0	46,0	28,7	131 900	127 500	123 200	119 100	28,0
30,0	41,2	26,5	120 000	116 300	112 800	109 400	30,0
32,0	35,9	23,7	109 700	106 700	103 800	100 900	32,0
34,0	29,8	20,4	100 900	98 400	96 000	93 700	34,0
36,0	21,9	15,8	91 100	89 800	88 500	87 200	36,0
42,7m (140 Ft.) Boom							
8,5	82,5	45,6	453 500 *				8,5
9,0	81,9	45,5	453 500 *				9,0
10,0	80,5	45,3	417 700 *	379 000 *	342 200 *		10,0
11,0	79,1	45,1	379 900 *	350 500 *	324 900 *	300 800 *	11,0
12,0	77,8	44,8	348 200 *	323 100 *	299 300 *	277 700 *	12,0
14,0	75,0	44,3	296 200 *	275 300 *	257 000 *	240 500 *	14,0
16,0	72,2	43,6	254 800 *	238 900 *	224 600 *	211 700 *	16,0
18,0	69,3	42,8	223 100 *	210 600 *	199 100 *	188 600 *	18,0
20,0	66,3	42,0	198 000 *	187 900 *	178 500 *	169 800 *	20,0
22,0	63,3	40,9	177 500 *	169 100 *	161 300 *	154 000 *	22,0
24,0	60,2	39,8	160 600 *	153 500 *	147 000 *	140 500	24,0
26,0	57,0	38,5	145 600	139 200	133 200	127 400	26,0
28,0	53,6	37,0	131 400	126 100	121 000	116 200	28,0
30,0	50,1	35,3	119 500	115 000	110 700	106 700	30,0
32,0	46,4	33,4	109 300	105 500	101 800	98 300	32,0
34,0	42,5	31,2	100 400	97 200	94 100	91 100	34,0
36,0	38,1	28,6	92 700	90 000	87 300	84 700	36,0
38,0	33,3	25,6	85 900	83 500	81 300	79 000	38,0
40,0	27,7	22,0	79 700	77 800	75 900	74 000	40,0
42,0	20,5	17,0	74 200	72 700	71 100	69 600	42,0

Liftcrane Boom Capacities

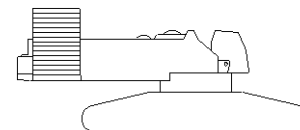
18000

Boom No. 55-79A with 30,5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating - Four Swing Drives


Oper. Radius Meters	Boom Angle Deg.	Boom Point Elev. Meters	0 Degree List Boom Capacity Kilograms	1 Degree List Boom Capacity Kilograms	2 Degree List Boom Capacity Kilograms	3 Degree List Boom Capacity Kilograms	Oper. Radius Meters
48,8m (160 Ft.) Boom							
9,1	82,7	51,7	426 000 *				9,1
10,0	81,7	51,5	416 000 *	365 500 *			10,0
11,0	80,5	51,3	378 200 *	345 600 *	318 300 *		11,0
12,0	79,3	51,1	346 600 *	318 700 *	292 600 *	269 500 *	12,0
14,0	76,9	50,6	294 800 *	271 700 *	251 500 *	233 700 *	14,0
16,0	74,5	50,0	253 400 *	235 800 *	220 000 *	205 900 *	16,0
18,0	72,0	49,4	221 800 *	207 800 *	195 100 *	183 600 *	18,0
20,0	69,5	48,6	196 600 *	185 300 *	174 900 *	165 400 *	20,0
22,0	66,9	47,7	176 200 *	166 800 *	158 100 *	150 100 *	22,0
24,0	64,3	46,8	159 300 *	151 300 *	144 000 *	136 800 *	24,0
26,0	61,6	45,7	144 700	137 400	130 500	124 200	26,0
28,0	58,9	44,4	130 500	124 400	118 600	113 200	28,0
30,0	56,0	43,1	118 600	113 400	108 500	103 800	30,0
32,0	53,1	41,6	108 400	103 900	99 700	95 700	32,0
34,0	50,0	39,9	99 500	95 700	92 000	88 600	34,0
36,0	46,8	38,0	91 700	88 400	85 300	82 200	36,0
38,0	43,3	35,9	85 000	82 100	79 300	76 600	38,0
40,0	39,7	33,5	78 900	76 400	74 000	71 600	40,0
42,0	35,7	30,7	73 400	71 300	69 100	67 100	42,0
44,0	31,2	27,5	68 500	66 600	64 800	63 000	44,0
46,0	26,0	23,5	64 000	62 400	60 900	59 400	46,0
48,0	19,4	18,3	59 900	58 700	57 300	56 100	48,0
54,9m (180 Ft.) Boom							
9,8	82,9	57,7	372 200 *				9,8
10,0	82,6	57,7	372 200 *				10,0
11,0	81,6	57,5	371 600 *	318 900 *			11,0
12,0	80,5	57,3	346 500 *	313 200 *	285 200 *		12,0
14,0	78,4	56,9	294 300 *	268 900 *	247 100 *	228 400 *	14,0
16,0	76,2	56,4	252 900 *	233 500 *	216 400 *	201 300 *	16,0
18,0	74,1	55,8	221 300 *	205 800 *	192 100 *	179 700 *	18,0
20,0	71,9	55,1	196 200 *	183 600 *	172 300 *	162 000 *	20,0
22,0	69,6	54,4	175 700 *	165 300 *	155 800 *	147 100 *	22,0
24,0	67,4	53,5	158 700 *	150 000 *	141 900 *	134 100	24,0
26,0	65,0	52,6	144 400	136 300	128 800	121 700	26,0
28,0	62,7	51,5	130 300	123 400	117 000	111 100	28,0
30,0	60,3	50,4	118 300	112 500	107 000	101 800	30,0
32,0	57,8	49,1	108 100	103 100	98 400	93 900	32,0
34,0	55,3	47,7	99 200	94 900	90 800	86 800	34,0
36,0	52,6	46,2	91 500	87 700	84 100	80 600	36,0
38,0	49,9	44,5	84 700	81 300	78 200	75 100	38,0
40,0	47,0	42,6	78 600	75 600	72 800	70 100	40,0
42,0	44,0	40,5	73 100	70 500	68 100	65 600	42,0
44,0	40,8	38,2	68 300	66 000	63 800	61 600	44,0
46,0	37,4	35,6	63 800	61 800	59 800	57 900	46,0
48,0	33,7	32,7	59 800	58 000	56 200	54 500	48,0
50,0	29,5	29,2	56 100	54 500	53 000	51 500	50,0
52,0	24,7	25,0	52 700	51 300	50 000	48 700	52,0
54,0	18,6	19,5	49 500	48 300	47 200	46 100	54,0

Liftcrane Boom Capacities

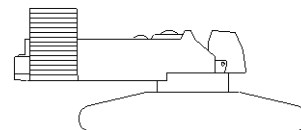
18000

Boom No. 55-79A with 30,5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating - Four Swing Drives


Oper. Radius Meters	Boom Angle Deg.	Boom Point Elev. Meters	0 Degree List Boom Capacity Kilograms	1 Degree List Boom Capacity Kilograms	2 Degree List Boom Capacity Kilograms	3 Degree List Boom Capacity Kilograms	Oper. Radius Meters
61,0m (200 Ft.) Boom							
11,0	82,5	63,7	342 000 *				11,0
12,0	81,5	63,5	340 700 *	281 000 *			12,0
14,0	79,6	63,2	294 200 *	268 600 *	243 600 *	223 400 *	14,0
16,0	77,6	62,7	252 800 *	231 700 *	213 300 *	197 200 *	16,0
18,0	75,7	62,2	221 200 *	204 400 *	189 500 *	176 300 *	18,0
20,0	73,7	61,6	196 100 *	182 400 *	170 100 *	159 100 *	20,0
22,0	71,8	60,9	175 600 *	164 200 *	154 000 *	144 600 *	22,0
24,0	69,7	60,1	158 700 *	149 100 *	140 400 *	131 900	24,0
26,0	67,7	59,3	144 400	135 700	127 400	119 900	26,0
28,0	65,6	58,4	130 500	122 900	115 900	109 400	28,0
30,0	63,5	57,4	118 500	112 000	106 000	100 400	30,0
32,0	61,4	56,3	108 300	102 700	97 400	92 500	32,0
34,0	59,2	55,1	99 400	94 500	89 900	85 700	34,0
36,0	56,9	53,8	91 600	87 400	83 400	79 600	36,0
38,0	54,6	52,3	84 800	81 000	77 500	74 100	38,0
40,0	52,3	50,8	78 700	75 400	72 200	69 200	40,0
42,0	49,8	49,1	73 300	70 300	67 500	64 800	42,0
44,0	47,2	47,2	68 400	65 700	63 200	60 800	44,0
46,0	44,5	45,2	63 900	61 600	59 300	57 200	46,0
48,0	41,7	42,9	59 900	57 800	55 800	53 800	48,0
50,0	38,7	40,5	56 200	54 400	52 500	50 700	50,0
52,0	35,5	37,7	52 900	51 100	49 500	47 900	52,0
54,0	32,0	34,5	49 700	48 200	46 800	45 300	54,0
56,0	28,1	30,9	46 800	45 500	44 200	42 900	56,0
58,0	23,5	26,5	44 200	43 000	41 900	40 700	58,0

Liftcrane Boom Capacities

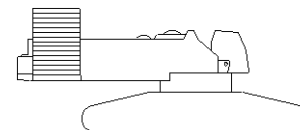
18000

Boom No. 55-79A with 30,5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating - Four Swing Drives


Oper. Radius Meters	Boom Angle Deg.	Boom Point Elev. Meters	0 Degree List Boom Capacity Kilograms	1 Degree List Boom Capacity Kilograms	2 Degree List Boom Capacity Kilograms	3 Degree List Boom Capacity Kilograms	Oper. Radius Meters
67,1m (220 Ft.) Boom							
11,6	82,6	69,8	309 800 *				11,6
12,0	82,3	69,7	309 800 *				12,0
14,0	80,5	69,4	287 100 *	259 500 *	227 900 *		14,0
16,0	78,8	68,9	251 400 *	229 900 *	211 300 *	187 200 *	16,0
18,0	77,0	68,5	220 600 *	202 200 *	186 400 *	173 300 *	18,0
20,0	75,3	67,9	195 300 *	180 500 *	167 400 *	155 700 *	20,0
22,0	73,5	67,3	174 800 *	162 500 *	151 500 *	141 600 *	22,0
24,0	71,7	66,7	157 900 *	147 500 *	138 100 *	129 200	24,0
26,0	69,9	65,9	143 600	134 400	125 400	117 300	26,0
28,0	68,0	65,1	130 000	121 700	114 100	107 200	28,0
30,0	66,1	64,2	118 000	110 900	104 400	98 300	30,0
32,0	64,2	63,2	107 700	101 600	95 900	90 600	32,0
34,0	62,3	62,2	98 800	93 500	88 500	83 800	34,0
36,0	60,3	61,0	91 100	86 400	82 000	77 800	36,0
38,0	58,3	59,7	84 200	80 100	76 200	72 500	38,0
40,0	56,2	58,4	78 100	74 500	71 000	67 700	40,0
42,0	54,1	56,9	72 700	69 400	66 300	63 300	42,0
44,0	52,0	55,4	67 800	64 900	62 000	59 300	44,0
46,0	49,7	53,7	63 400	60 700	58 200	55 800	46,0
48,0	47,4	51,8	59 300	56 900	54 700	52 400	48,0
50,0	45,0	49,8	55 700	53 500	51 400	49 400	50,0
52,0	42,4	47,6	52 300	50 300	48 400	46 600	52,0
54,0	39,8	45,2	49 200	47 400	45 700	44 000	54,0
56,0	36,9	42,6	46 300	44 700	43 100	41 600	56,0
58,0	33,9	39,6	43 600	42 200	40 800	39 400	58,0
60,0	30,6	36,3	41 100	39 800	38 600	37 300	60,0
62,0	26,9	32,5	38 800	37 700	36 500	35 400	62,0
64,0	22,6	27,9	36 600	35 600	34 600	33 600	64,0

Liftcrane Boom Capacities

18000

Boom No. 55-79A with 30,5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating - Four Swing Drives


Oper. Radius Meters	Boom Angle Deg.	Boom Point Elev. Meters	0 Degree List Boom Capacity Kilograms	1 Degree List Boom Capacity Kilograms	2 Degree List Boom Capacity Kilograms	3 Degree List Boom Capacity Kilograms	Oper. Radius Meters
73,2m (240 Ft.) Boom							
12,2	82,8	75,8	287 400 *				12,2
14,0	81,3	75,6	268 000 *	230 200 *			14,0
16,0	79,7	75,2	235 800 *	216 000 *	189 700 *		16,0
18,0	78,1	74,7	211 800 *	194 800 *	179 800 *	152 300 *	18,0
20,0	76,5	74,3	192 600 *	178 400 *	165 200 *	151 200 *	20,0
22,0	74,9	73,7	174 800 *	161 300 *	149 500 *	139 200 *	22,0
24,0	73,3	73,1	157 500 *	146 300 *	136 300 *	126 800 *	24,0
26,0	71,6	72,4	143 200	133 400	123 900	115 300	26,0
28,0	69,9	71,7	129 900	120 800	112 700	105 300	28,0
30,0	68,2	70,9	117 800	110 100	103 100	96 600	30,0
32,0	66,5	70,0	107 600	100 900	94 800	89 100	32,0
34,0	64,8	69,0	98 700	92 800	87 400	82 500	34,0
36,0	63,0	68,0	90 900	85 800	81 000	76 600	36,0
38,0	61,2	66,9	84 000	79 500	75 200	71 300	38,0
40,0	59,4	65,7	78 000	73 900	70 100	66 500	40,0
42,0	57,6	64,4	72 500	68 900	65 500	62 300	42,0
44,0	55,7	63,0	67 600	64 400	61 300	58 300	44,0
46,0	53,7	61,6	63 200	60 300	57 500	54 800	46,0
48,0	51,7	60,0	59 200	56 500	54 000	51 500	48,0
50,0	49,7	58,3	55 500	53 100	50 700	48 500	50,0
52,0	47,5	56,4	52 100	49 900	47 800	45 700	52,0
54,0	45,3	54,5	49 000	47 000	45 100	43 200	54,0
56,0	43,0	52,3	46 100	44 300	42 500	40 800	56,0
58,0	40,6	50,0	43 500	41 800	40 200	38 600	58,0
60,0	38,1	47,4	41 000	39 400	38 000	36 500	60,0
62,0	35,4	44,6	38 700	37 300	35 900	34 600	62,0
64,0	32,5	41,5	36 500	35 200	34 000	32 800	64,0
66,0	29,4	38,0	34 500	33 300	32 200	31 100	66,0
68,0	25,8	34,0	32 500	31 500	30 500	29 500	68,0
70,0	21,8	29,2	30 700	29 800	28 900	28 000	70,0

Liftcrane Boom Capacities

18000

Boom No. 55-79A with 30,5m Mast No. 56

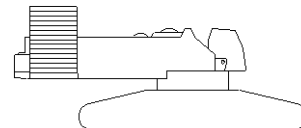
239 500 kg Crane Counterweight

145 150 kg Carbody Counterweight

Crawler Machine on a Barge

0 Degree thru 3 Degree Machine List

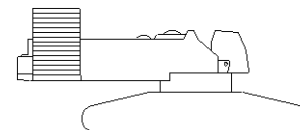
No Travel - 360 Degree Rating - Four Swing Drives



Oper. Radius Meters	Boom Angle Deg.	Boom Point Elev. Meters	0 Degree List Boom Capacity Kilograms	1 Degree List Boom Capacity Kilograms	2 Degree List Boom Capacity Kilograms	Oper. Radius Meters
79,2m (260 Ft.) Boom						
13,7	82,2	81,8	255 100 *			13,7
14,0	82,0	81,7	250 700 *			14,0
16,0	80,5	81,4	220 800 *	197 500 *		16,0
18,0	79,1	81,0	198 200 *	181 000 *	156 800 *	18,0
20,0	77,6	80,5	180 100 *	165 700 *	153 500 *	20,0
22,0	76,1	80,0	165 300 *	153 200 *	142 500 *	22,0
24,0	74,6	79,5	152 800 *	142 500 *	133 300 *	24,0
26,0	73,1	78,8	142 100	132 000	121 800	26,0
28,0	71,5	78,2	129 400	119 500	110 800	28,0
30,0	70,0	77,4	117 100	108 900	101 400	30,0
32,0	68,4	76,6	106 800	99 700	93 100	32,0
34,0	66,9	75,8	97 900	91 700	85 900	34,0
36,0	65,3	74,8	90 200	84 600	79 500	36,0
38,0	63,7	73,8	83 300	78 400	73 800	38,0
40,0	62,0	72,8	77 200	72 800	68 700	40,0
42,0	60,4	71,6	71 800	67 800	64 100	42,0
44,0	58,7	70,4	66 900	63 300	60 000	44,0
46,0	56,9	69,1	62 400	59 200	56 200	46,0
48,0	55,2	67,7	58 400	55 500	52 700	48,0
50,0	53,4	66,2	54 700	52 100	49 600	50,0
52,0	51,5	64,6	51 400	48 900	46 600	52,0
54,0	49,6	62,9	48 300	46 000	43 900	54,0
56,0	47,6	61,0	45 400	43 400	41 400	56,0
58,0	45,6	59,1	42 700	40 800	39 000	58,0
60,0	43,5	57,0	40 200	38 500	36 900	60,0
62,0	41,3	54,7	37 900	36 300	34 800	62,0
64,0	39,0	52,2	35 800	34 300	32 900	64,0
66,0	36,6	49,6	33 700	32 400	31 100	66,0
68,0	34,1	46,6	31 900	30 600	29 400	68,0
70,0	31,3	43,4	30 100	28 900	27 800	70,0
72,0	28,3	39,7	28 400	27 300	26 400	72,0
74,0	24,9	35,5	26 800	25 800	24 900	74,0
76,0	21,1	30,6	25 200	24 400	23 600	76,0

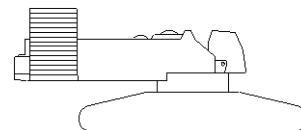
Liftcrane Boom Capacities

18000

Boom No. 55-79A with 30,5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating - Four Swing Drives


Oper. Radius Meters	Boom Angle Deg.	Boom Point Elev. Meters	0 Degree List Boom Capacity Kilograms	1 Degree List Boom Capacity Kilograms	2 Degree List Boom Capacity Kilograms	Oper. Radius Meters
85,3m (280 Ft.) Boom						
13,7	82,8	87,9	221 300 *			13,7
14,0	82,6	87,9	220 700 *			14,0
16,0	81,2	87,6	210 900 *	167 000 *		16,0
18,0	79,9	87,2	186 800 *	160 200 *	129 000 *	18,0
20,0	78,5	86,8	169 700 *	153 500 *	127 900 *	20,0
22,0	77,1	86,3	155 600 *	143 300 *	123 000 *	22,0
24,0	75,7	85,8	143 800 *	133 100 *	118 500 *	24,0
26,0	74,3	85,2	133 700 *	124 500 *	114 200 *	26,0
28,0	72,9	84,6	125 000 *	116 800	109 100	28,0
30,0	71,5	83,9	116 500	108 200	100 000	30,0
32,0	70,1	83,2	106 500	98 800	91 800	32,0
34,0	68,6	82,4	97 600	90 800	84 700	34,0
36,0	67,2	81,5	89 800	83 800	78 400	36,0
38,0	65,7	80,6	82 900	77 700	72 800	38,0
40,0	64,2	79,7	76 800	72 100	67 800	40,0
42,0	62,7	78,6	71 400	67 200	63 200	42,0
44,0	61,1	77,5	66 500	62 600	59 100	44,0
46,0	59,6	76,3	62 000	58 500	55 300	46,0
48,0	58,0	75,1	58 000	54 800	51 900	48,0
50,0	56,4	73,7	54 300	51 500	48 700	50,0
52,0	54,7	72,3	51 000	48 300	45 800	52,0
54,0	53,0	70,8	47 800	45 400	43 100	54,0
56,0	51,3	69,2	45 000	42 700	40 600	56,0
58,0	49,6	67,5	42 300	40 300	38 300	58,0
60,0	47,7	65,6	39 800	38 000	36 100	60,0
62,0	45,9	63,7	37 600	35 800	34 100	62,0
64,0	43,9	61,6	35 400	33 800	32 200	64,0
66,0	41,9	59,4	33 400	31 900	30 400	66,0
68,0	39,8	57,0	31 500	30 100	28 800	68,0
70,0	37,6	54,4	29 700	28 400	27 200	70,0
72,0	35,3	51,6	28 000	26 800	25 700	72,0
74,0	32,9	48,5	26 400	25 300	24 300	74,0
76,0	30,2	45,2	24 900	23 900	22 900	76,0
80,0	24,1	37,0	22 100	21 300	20 500	80,0

Liftcrane Boom Capacities

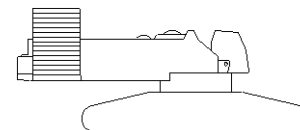
18000
Boom No. 55-79A with 30,5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating - Four Swing Drives


Oper. Radius Meters	Boom Angle Deg.	Boom Point Elev. Meters	0 Degree List Boom Capacity Kilograms	1 Degree List Boom Capacity Kilograms
91,4m (300 Ft.) Boom				
15,2	82,3	93,9	195 200 *	
16,0	81,8	93,8	192 000 *	
18,0	80,5	93,4	177 300 *	144 200 *
20,0	79,3	93,0	159 900 *	139 100 *
22,0	78,0	92,6	146 400 *	133 100 *
24,0	76,7	92,1	135 200 *	124 400 *
26,0	75,4	91,6	125 600 *	116 100 *
28,0	74,1	91,0	117 300 *	109 000 *
30,0	72,8	90,4	110 000 *	102 700 *
32,0	71,5	89,7	103 600 *	97 100 *
34,0	70,1	88,9	97 000	89 700
36,0	68,8	88,2	89 000	82 600
38,0	67,4	87,3	82 100	76 500
40,0	66,0	86,4	76 000	70 900
42,0	64,6	85,5	70 500	66 000
44,0	63,2	84,4	65 600	61 500
46,0	61,8	83,4	61 200	57 500
48,0	60,4	82,2	57 200	53 800
50,0	58,9	81,0	53 500	50 400
52,0	57,4	79,7	50 100	47 300
54,0	55,9	78,4	47 000	44 400
56,0	54,4	76,9	44 100	41 700
58,0	52,8	75,4	41 400	39 200
60,0	51,2	73,8	39 000	36 900
62,0	49,5	72,1	36 700	34 800
64,0	47,8	70,2	34 500	32 800
66,0	46,1	68,3	32 500	30 900
68,0	44,3	66,3	30 600	29 100
70,0	42,4	64,1	28 800	27 400
72,0	40,5	61,7	27 200	25 800
74,0	38,5	59,2	25 600	24 400
76,0	36,4	56,5	24 100	22 900
80,0	31,8	50,4	21 300	20 300
84,0	26,5	43,0	18 800	17 900
88,0	19,9	33,2	16 400	15 800

Oper. Radius Meters	Boom Angle Deg.	Boom Point Elev. Meters	0 Degree List Boom Capacity Kilograms
97,5m (320 Ft.) Boom			
15,2	82,8	100,0	180 300 *
16,0	82,3	99,9	177 400 *
18,0	81,1	99,6	167 300 *
20,0	79,9	99,2	151 700 *
22,0	78,7	98,8	138 700 *
24,0	77,5	98,4	127 800 *
26,0	76,3	97,9	118 700 *
28,0	75,1	97,3	110 700 *
30,0	73,9	96,8	103 800 *
32,0	72,7	96,1	97 600 *
34,0	71,4	95,4	92 100 *
36,0	70,2	94,7	87 200 *
38,0	68,9	93,9	81 600
40,0	67,6	93,1	75 500
42,0	66,3	92,2	70 000
44,0	65,0	91,3	65 100
46,0	63,7	90,3	60 600
48,0	62,4	89,2	56 600
50,0	61,1	88,1	52 900
52,0	59,7	86,9	49 500
54,0	58,3	85,7	46 400
56,0	56,9	84,4	43 600
58,0	55,5	83,0	40 900
60,0	54,0	81,5	38 400
62,0	52,5	80,0	36 100
64,0	51,0	78,4	34 000
66,0	49,5	76,7	32 000
68,0	47,9	74,8	30 100
70,0	46,3	72,9	28 300
72,0	44,6	70,9	26 600
74,0	42,9	68,7	25 100
76,0	41,1	66,5	23 500
80,0	37,3	61,4	20 800
84,0	33,1	55,5	18 300
88,0	28,4	48,6	16 000
92,0	22,8	39,9	13 500 *

Liftcrane Boom Capacities

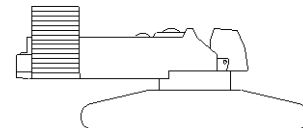
18000

Boom No. 55-79A with 30,5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating - Four Swing Drives


Oper. Radius Meters	Boom Angle Deg.	Boom Point Elev. Meters	0 Degree List Boom Capacity Kilograms
103,6m (340 Ft.) Boom			
16,8	82,4	106,0	142 200 *
18,0	81,7	105,8	141 500 *
20,0	80,5	105,4	139 900 *
22,0	79,4	105,1	132 000 *
24,0	78,3	104,6	120 800 *
26,0	77,2	104,2	111 900 *
28,0	76,0	103,7	104 200 *
30,0	74,9	103,1	97 500 *
32,0	73,7	102,5	91 700 *
34,0	72,6	101,9	86 400 *
36,0	71,4	101,2	81 700 *
38,0	70,2	100,5	77 400 *
40,0	69,0	99,7	73 500
42,0	67,8	98,9	69 300
44,0	66,6	98,0	64 200
46,0	65,4	97,1	59 700
48,0	64,2	96,1	55 700
50,0	62,9	95,1	52 000
52,0	61,7	94,0	48 600
54,0	60,4	92,8	45 500
56,0	59,1	91,6	42 700
58,0	57,8	90,4	40 000
60,0	56,5	89,0	37 500
62,0	55,1	87,6	35 200
64,0	53,7	86,2	33 100
66,0	52,3	84,6	31 100
68,0	50,9	83,0	29 100
70,0	49,5	81,3	27 400
72,0	48,0	79,4	25 700
74,0	46,4	77,6	24 100
76,0	44,9	75,5	22 600
80,0	41,6	71,2	19 900
84,0	38,1	66,2	17 400
88,0	34,3	60,6	15 100
92,0	30,0	54,0	12 500 *
96,0	25,1	46,1	8 600 *

Oper. Radius Meters	Boom Angle Deg.	Boom Point Elev. Meters	0 Degree List Boom Capacity Kilograms
109,7m (360 Ft.) Boom			
16,8	82,8	112,1	135 400 *
18,0	82,1	111,9	135 300 *
20,0	81,1	111,6	133 700 *
22,0	80,0	111,3	125 000 *
24,0	78,9	110,9	114 700 *
26,0	77,9	110,4	106 000 *
28,0	76,8	110,0	98 500 *
30,0	75,7	109,4	92 100 *
32,0	74,6	108,9	86 300 *
34,0	73,6	108,3	81 300 *
36,0	72,5	107,6	76 700 *
38,0	71,4	107,0	72 600 *
40,0	70,2	106,2	68 900 *
42,0	69,1	105,5	65 400 *
44,0	68,0	104,6	62 200 *
46,0	66,9	103,8	59 100
48,0	65,7	102,9	54 900
50,0	64,6	101,9	51 200
52,0	63,4	100,9	47 900
54,0	62,2	99,8	44 700
56,0	61,0	98,7	41 800
58,0	59,8	97,6	39 200
60,0	58,6	96,3	36 700
62,0	57,3	95,0	34 400
64,0	56,1	93,7	32 300
66,0	54,8	92,3	30 300
68,0	53,5	90,8	28 400
70,0	52,2	89,2	26 600
72,0	50,8	87,6	24 900
74,0	49,4	85,9	23 400
76,0	48,0	84,1	21 900
80,0	45,1	80,2	19 100
84,0	42,0	75,8	16 600
88,0	38,8	71,0	14 300
92,0	35,2	65,6	11 700 *
96,0	31,3	59,3	9 300 *
100,0	27,0	51,9	7 100 *

Liftcrane Boom Capacities

Boom No. 55-79A with 30,5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg 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 Meters	Boom Angle Deg.	Boom Point Elev. Meters	0 Degree List Boom Capacity Kilograms
115,8m (380 Ft.) Boom			
18,3	82,4	118,1	116 700 *
20,0	81,5	117,8	116 000 *
22,0	80,5	117,5	115 000 *
24,0	79,5	117,1	109 500 *
26,0	78,5	116,7	100 300 *
28,0	77,5	116,2	93 100 *
30,0	76,5	115,7	86 800 *
32,0	75,5	115,2	81 200 *
34,0	74,4	114,7	76 300 *
36,0	73,4	114,0	71 900 *
38,0	72,4	113,4	67 900 *
40,0	71,3	112,7	64 200 *
42,0	70,3	112,0	60 900 *
44,0	69,2	111,2	57 900 *
46,0	68,1	110,4	55 000 *
48,0	67,1	109,6	52 400 *
50,0	66,0	108,7	50 000 *
52,0	64,9	107,7	46 900
54,0	63,8	106,7	43 800
56,0	62,7	105,7	40 900
58,0	61,5	104,6	38 300
60,0	60,4	103,4	35 800
62,0	59,3	102,2	33 500
64,0	58,1	101,0	31 300
66,0	56,9	99,7	29 300
68,0	55,7	98,3	27 400
70,0	54,5	96,9	25 600
72,0	53,3	95,4	24 000
74,0	52,0	93,8	22 400
76,0	50,7	92,2	20 900
80,0	48,1	88,7	18 100
84,0	45,3	84,8	15 700
88,0	42,4	80,5	13 100 *
92,0	39,4	75,8	10 500 *
96,0	36,1	70,5	8 200 *

Oper. Radius Meters	Boom Angle Deg.	Boom Point Elev. Meters	0 Degree List Boom Capacity Kilograms
121,9m (400 Ft.) Boom			
18,3	82,8	124,2	99 800 *
20,0	82,0	124,0	99 800 *
22,0	81,0	123,7	99 800 *
24,0	80,1	123,3	99 500 *
26,0	79,1	122,9	95 600 *
28,0	78,1	122,5	88 300 *
30,0	77,2	122,0	82 100 *
32,0	76,2	121,5	76 800 *
34,0	75,2	121,0	71 900 *
36,0	74,3	120,4	67 600 *
38,0	73,3	119,8	63 800 *
40,0	72,3	119,2	60 200 *
42,0	71,3	118,5	57 000 *
44,0	70,3	117,7	54 100 *
46,0	69,3	117,0	51 400 *
48,0	68,3	116,2	48 900 *
50,0	67,3	115,3	46 500 *
52,0	66,2	114,4	44 300 *
54,0	65,2	113,5	42 200 *
56,0	64,2	112,5	40 100
58,0	63,1	111,5	37 500
60,0	62,0	110,4	35 100
62,0	61,0	109,3	32 700
64,0	59,9	108,2	30 600
66,0	58,8	106,9	28 600
68,0	57,7	105,7	26 700
70,0	56,5	104,3	24 900
72,0	55,4	103,0	23 200
74,0	54,2	101,5	21 700
76,0	53,0	100,0	20 200
80,0	50,6	96,8	17 400
84,0	48,1	93,3	14 900
88,0	45,5	89,4	12 200 *
92,0	42,8	85,2	9 700 *