



Liftcrane Boom Capacities

Boom No. 55-79A with 30,5 m Mast No. 56
239 500 kg Crane Counterweight
Pedestal Mount - Four Swing Drives
0 Degree thru 3 Degree Static Machine List
360 Degree Rating

LIFTING CAPACITIES: Lifting capacities for various boom lengths and operating radii are for freely suspended loads and are based on structural competence.

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 with turntable bearing properly supported, mast up, and machine list not to exceed degrees noted. 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 top of turntable bearing to centerline of boom point shaft.

MACHINE EQUIPMENT: Machine equipped with **four swing drives**, 9,1 m live mast, 30,5 m mast, 16 part boom hoist reeving, boom support straps, and 239 500 kg crane counterweight.

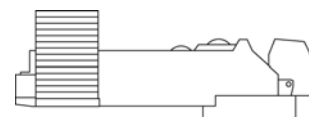
Maximum Boom Lengths Lifted Unassisted	
List	Boom Length
0 Degree	121,9 m
1 Degree	91,4 m
2 Degree	85,3 m
3 Degree	73,2 m
Load block, hook and weight ball on barge deck at start. Jib cannot be attached on crawler machine while operating on a barge.	

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.		

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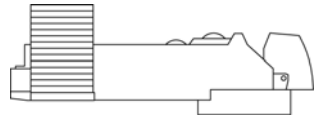
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36,6 m Boom							
7,9	82,2	37,3	453 500				7,9
8,0	82,1	37,3	453 500				8,0
9,0	80,5	37,1	439 400	404 000			9,0
10,0	78,9	36,9	398 500	369 500	342 700	317 900	10,0
11,0	77,3	36,6	362 500	337 700	314 200	293 100	11,0
12,0	75,7	36,3	332 100	310 600	290 200	271 800	12,0
14,0	72,4	35,7	283 400	266 900	251 200	236 800	14,0
16,0	69,0	34,9	246 400	233 300	220 800	209 200	16,0
18,0	65,5	34,0	217 300	206 700	196 500	187 000	18,0
20,0	62,0	32,9	193 800	185 000	176 500	168 600	20,0
22,0	58,3	31,6	174 300	167 000	159 900	153 200	22,0
24,0	54,4	30,2	158 000	151 800	145 800	140 100	24,0
26,0	50,3	28,5	144 200	138 800	133 700	128 800	26,0
28,0	46,0	26,5	132 200	127 600	123 200	118 900	28,0
30,0	41,2	24,3	121 800	117 800	114 000	110 200	30,0
32,0	35,9	21,5	112 600	109 100	105 700	102 400	32,0
34,0	29,8	18,2	103 900	101 200	98 200	95 400	34,0
36,0	21,9	13,6	92 100	91 200	89 700	88 200	36,0

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42,7 m Boom							
8,5	82,5	43,4	453 500				8,5
9,0	81,9	43,3	437 300				9,0
10,0	80,5	43,1	395 900	365 200	334 000		10,0
11,0	79,1	42,9	360 200	332 700	306 800	283 900	11,0
12,0	77,8	42,7	329 900	306 100	283 600	263 600	12,0
14,0	75,0	42,1	281 500	263 200	245 800	230 000	14,0
16,0	72,2	41,4	244 700	230 000	216 100	203 500	16,0
18,0	69,3	40,7	215 700	203 800	192 400	181 900	18,0
20,0	66,3	39,8	192 200	182 300	172 900	164 100	20,0
22,0	63,3	38,7	172 900	164 600	156 600	149 100	22,0
24,0	60,2	37,6	156 600	149 500	142 700	136 300	24,0
26,0	57,0	36,3	142 800	136 700	130 800	125 300	26,0
28,0	53,6	34,8	130 900	125 600	120 500	115 600	28,0
30,0	50,1	33,1	120 500	115 900	111 400	107 100	30,0
32,0	46,4	31,2	111 400	107 300	103 200	99 300	32,0
34,0	42,5	29,0	103 200	99 500	95 900	92 500	34,0
36,0	38,1	26,5	95 700	92 400	89 300	86 300	36,0
38,0	33,3	23,5	88 900	86 200	83 400	80 700	38,0
40,0	27,7	19,8	82 900	80 400	78 100	75 800	40,0
42,0	20,5	14,9	76 500	75 100	73 300	71 300	42,0

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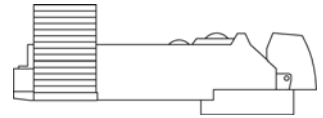
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48,8 m Boom							
9,1	82,7	49,5	426 000				9,1
10,0	81,7	49,3	393 200	358 000			10,0
11,0	80,5	49,1	357 400	327 400	299 900		11,0
12,0	79,3	48,9	327 200	301 200	276 700	255 300	12,0
14,0	76,9	48,4	279 100	259 000	240 000	223 000	14,0
16,0	74,5	47,9	242 400	226 300	211 100	197 300	16,0
18,0	72,0	47,2	213 500	200 400	187 900	176 500	18,0
20,0	69,5	46,4	190 200	179 200	168 800	159 200	20,0
22,0	66,9	45,6	170 800	161 600	152 800	144 600	22,0
24,0	64,3	44,6	154 700	146 800	139 200	132 100	24,0
26,0	61,6	43,5	140 900	134 000	127 500	121 400	26,0
28,0	58,9	42,2	129 000	123 000	117 400	111 900	28,0
30,0	56,0	40,9	118 700	113 400	108 400	103 600	30,0
32,0	53,1	39,4	109 600	104 900	100 400	96 000	32,0
34,0	50,0	37,7	101 500	97 300	93 100	89 200	34,0
36,0	46,8	35,8	94 000	90 300	86 600	83 100	36,0
38,0	43,3	33,7	87 400	84 000	80 800	77 700	38,0
40,0	39,7	31,3	81 300	78 400	75 500	72 700	40,0
42,0	35,7	28,5	75 900	73 300	70 700	68 200	42,0
44,0	31,2	25,3	70 900	68 600	66 300	64 100	44,0
46,0	26,0	21,3	66 400	64 300	62 300	60 400	46,0
48,0	19,4	16,1	62 200	60 400	58 700	57 000	48,0

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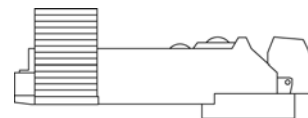
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54,9 m Boom							
9,8	82,9	55,5	372 200				9,8
10,0	82,6	55,5	372 200				10,0
11,0	81,6	55,3	355 900	319 100			11,0
12,0	80,5	55,1	325 900	298 300	271 400		12,0
14,0	78,4	54,7	277 900	256 100	235 500	217 700	14,0
16,0	76,2	54,2	241 300	223 800	207 300	192 600	16,0
18,0	74,1	53,6	212 500	198 200	184 700	172 400	18,0
20,0	71,9	53,0	189 200	177 300	166 000	155 600	20,0
22,0	69,6	52,2	170 000	159 800	150 200	141 400	22,0
24,0	67,4	51,3	153 800	145 100	136 900	129 200	24,0
26,0	65,0	50,4	140 000	132 500	125 400	118 700	26,0
28,0	62,7	49,3	128 200	121 600	115 300	109 400	28,0
30,0	60,3	48,2	117 800	112 100	106 500	101 300	30,0
32,0	57,8	46,9	108 800	103 700	98 700	93 900	32,0
34,0	55,3	45,5	100 700	96 100	91 500	87 200	34,0
36,0	52,6	44,0	93 400	89 100	85 100	81 200	36,0
38,0	49,9	42,3	86 700	82 900	79 300	75 800	38,0
40,0	47,0	40,4	80 700	77 300	74 000	70 900	40,0
42,0	44,0	38,3	75 300	72 200	69 300	66 400	42,0
44,0	40,8	36,0	70 400	67 600	64 900	62 300	44,0
46,0	37,4	33,4	65 800	63 300	61 000	58 600	46,0
48,0	33,7	30,5	61 700	59 400	57 300	55 200	48,0
50,0	29,5	27,0	57 800	55 800	53 900	52 000	50,0
52,0	24,7	22,8	54 300	52 500	50 800	49 100	52,0
54,0	18,6	17,4	50 900	49 400	47 900	46 400	54,0

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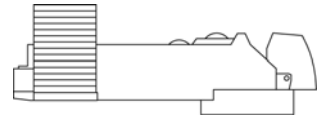
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61,0 m Boom							
11,0	82,5	61,5	342 000				11,0
12,0	81,5	61,3	326 400	281 200			12,0
14,0	79,6	61,0	277 300	254 500	232 100	212 800	14,0
16,0	77,6	60,5	240 800	222 000	204 300	188 600	16,0
18,0	75,7	60,0	212 100	196 600	182 100	169 100	18,0
20,0	73,7	59,4	188 900	176 000	163 800	152 700	20,0
22,0	71,8	58,7	169 600	158 700	148 400	138 900	22,0
24,0	69,7	58,0	153 500	144 100	135 200	127 000	24,0
26,0	67,7	57,1	139 800	131 600	123 900	116 700	26,0
28,0	65,6	56,2	127 900	120 800	114 000	107 700	28,0
30,0	63,5	55,2	117 700	111 300	105 300	99 700	30,0
32,0	61,4	54,1	108 600	103 000	97 600	92 500	32,0
34,0	59,2	52,9	100 600	95 500	90 600	85 900	34,0
36,0	56,9	51,6	93 300	88 600	84 200	80 000	36,0
38,0	54,6	50,1	86 600	82 500	78 500	74 600	38,0
40,0	52,3	48,6	80 700	76 900	73 300	69 800	40,0
42,0	49,8	46,9	75 300	71 800	68 600	65 400	42,0
44,0	47,2	45,0	70 400	67 200	64 300	61 400	44,0
46,0	44,5	43,0	65 800	63 000	60 300	57 700	46,0
48,0	41,7	40,7	61 700	59 200	56 700	54 300	48,0
50,0	38,7	38,3	57 900	55 600	53 300	51 100	50,0
52,0	35,5	35,5	54 400	52 300	50 200	48 200	52,0
54,0	32,0	32,3	51 100	49 200	47 300	45 500	54,0
56,0	28,1	28,7	48 100	46 300	44 600	43 000	56,0
58,0	23,5	24,3	45 200	43 700	42 100	40 700	58,0

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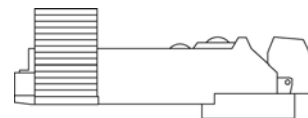
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67,1 m Boom							
11,6	82,6	67,6	309 800				11,6
12,0	82,3	67,5	309 800				12,0
14,0	80,5	67,2	276 300	251 000	225 900		14,0
16,0	78,8	66,8	239 400	219 200	200 700	183 100	16,0
18,0	77,0	66,3	210 700	194 200	178 700	165 100	18,0
20,0	75,3	65,8	187 600	173 700	160 700	149 000	20,0
22,0	73,5	65,1	168 400	156 600	145 600	135 500	22,0
24,0	71,7	64,5	152 300	142 200	132 700	124 000	24,0
26,0	69,9	63,7	138 600	129 800	121 500	113 900	26,0
28,0	68,0	62,9	126 800	119 100	111 800	105 000	28,0
30,0	66,1	62,0	116 500	109 700	103 200	97 200	30,0
32,0	64,2	61,0	107 500	101 400	95 600	90 100	32,0
34,0	62,3	60,0	99 400	94 000	88 700	83 600	34,0
36,0	60,3	58,8	92 200	87 200	82 400	77 800	36,0
38,0	58,3	57,6	85 600	81 100	76 700	72 600	38,0
40,0	56,2	56,2	79 700	75 500	71 600	67 900	40,0
42,0	54,1	54,8	74 200	70 500	66 900	63 500	42,0
44,0	52,0	53,2	69 400	65 900	62 700	59 600	44,0
46,0	49,7	51,5	64 800	61 800	58 700	55 900	46,0
48,0	47,4	49,6	60 700	57 900	55 100	52 500	48,0
50,0	45,0	47,6	56 900	54 300	51 800	49 400	50,0
52,0	42,4	45,4	53 400	51 100	48 800	46 500	52,0
54,0	39,8	43,0	50 200	48 000	45 900	43 800	54,0
56,0	36,9	40,4	47 200	45 200	43 200	41 300	56,0
58,0	33,9	37,5	44 300	42 500	40 700	38 900	58,0
60,0	30,6	34,1	41 700	40 000	38 400	36 800	60,0
62,0	26,9	30,3	39 200	37 700	36 200	34 700	62,0
64,0	22,6	25,7	36 800	35 500	34 100	32 800	64,0

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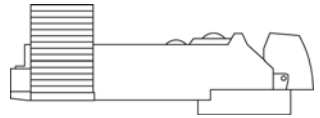
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73,2 m Boom							
12,2	82,8	73,7	287 400				12,2
14,0	81,3	73,4	268 000	230 200			14,0
16,0	79,7	73,0	235 800	216 000	189 700		16,0
18,0	78,1	72,6	210 000	192 500	176 400	152 400	18,0
20,0	76,5	72,1	186 800	172 100	158 300	146 300	20,0
22,0	74,9	71,5	167 700	155 200	143 400	132 800	22,0
24,0	73,3	70,9	151 600	140 800	130 700	121 500	24,0
26,0	71,6	70,2	138 000	128 600	119 700	111 700	26,0
28,0	69,9	69,5	126 200	117 900	110 200	103 000	28,0
30,0	68,2	68,7	115 900	108 600	101 700	95 300	30,0
32,0	66,5	67,8	106 900	100 400	94 200	88 400	32,0
34,0	64,8	66,8	98 900	93 000	87 400	82 000	34,0
36,0	63,0	65,8	91 700	86 300	81 200	76 300	36,0
38,0	61,2	64,7	85 100	80 200	75 600	71 200	38,0
40,0	59,4	63,5	79 200	74 700	70 500	66 500	40,0
42,0	57,6	62,2	73 800	69 700	65 900	62 200	42,0
44,0	55,7	60,8	68 900	65 200	61 700	58 300	44,0
46,0	53,7	59,4	64 400	61 000	57 800	54 700	46,0
48,0	51,7	57,8	60 300	57 200	54 200	51 400	48,0
50,0	49,7	56,1	56 500	53 700	50 900	48 300	50,0
52,0	47,5	54,2	53 100	50 400	47 900	45 500	52,0
54,0	45,3	52,3	49 800	47 400	45 000	42 800	54,0
56,0	43,0	50,1	46 800	44 600	42 400	40 300	56,0
58,0	40,6	47,8	44 000	41 900	39 900	38 000	58,0
60,0	38,1	45,2	41 400	39 500	37 600	35 800	60,0
62,0	35,4	42,5	38 900	37 100	35 400	33 700	62,0
64,0	32,5	39,3	36 600	35 000	33 400	31 800	64,0
66,0	29,4	35,9	34 400	32 900	31 400	30 000	66,0
68,0	25,8	31,8	32 300	31 000	29 600	28 300	68,0
70,0	21,8	27,0	30 400	29 100	27 900	26 700	70,0

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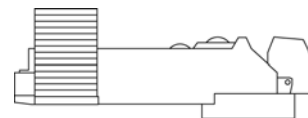
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79,2 m Boom						
13,7	82,2	79,6	255 100			13,7
14,0	82,0	79,5	250 700			14,0
16,0	80,5	79,2	220 800	197 500		16,0
18,0	79,1	78,8	198 200	181 000	156 800	18,0
20,0	77,6	78,3	180 100	165 700	153 500	20,0
22,0	76,1	77,8	165 100	152 600	140 800	22,0
24,0	74,6	77,3	150 500	138 900	128 000	24,0
26,0	73,1	76,7	136 600	126 600	117 200	26,0
28,0	71,5	76,0	124 800	116 000	107 800	28,0
30,0	70,0	75,2	114 600	106 800	99 500	30,0
32,0	68,4	74,4	105 600	98 600	92 100	32,0
34,0	66,9	73,6	97 600	91 300	85 400	34,0
36,0	65,3	72,6	90 400	84 700	79 200	36,0
38,0	63,7	71,6	83 900	78 700	73 700	38,0
40,0	62,0	70,6	78 000	73 200	68 700	40,0
42,0	60,4	69,4	72 600	68 200	64 100	42,0
44,0	58,7	68,2	67 700	63 700	59 900	44,0
46,0	56,9	66,9	63 200	59 600	56 100	46,0
48,0	55,2	65,5	59 100	55 800	52 600	48,0
50,0	53,4	64,0	55 400	52 300	49 300	50,0
52,0	51,5	62,4	51 900	49 000	46 300	52,0
54,0	49,6	60,7	48 700	46 000	43 500	54,0
56,0	47,6	58,8	45 600	43 200	40 900	56,0
58,0	45,6	56,9	42 800	40 600	38 400	58,0
60,0	43,5	54,8	40 200	38 100	36 100	60,0
62,0	41,3	52,5	37 800	35 800	33 900	62,0
64,0	39,0	50,0	35 500	33 700	31 900	64,0
66,0	36,6	47,4	33 300	31 600	29 900	66,0
68,0	34,1	44,4	31 300	29 700	28 200	68,0
70,0	31,3	41,2	29 300	27 900	26 400	70,0
72,0	28,3	37,5	27 500	26 100	24 800	72,0
74,0	24,9	33,4	25 700	24 500	23 300	74,0
76,0	21,1	28,4	24 100	22 900	21 800	76,0

Liftcrane Boom Capacities

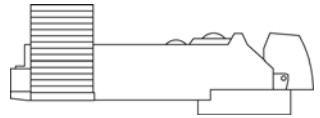
Boom No. 55-79A with 30,5 m Mast No. 56
 239 500 kg Crane Counterweight
 Pedestal Mount - Four Swing Drives
 0 Degree thru 3 Degree Static Machine List
 360 Degree Rating



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
85,3 m Boom						
13,7	82,8	85,8	221 300			13,7
14,0	82,6	85,7	220 700			14,0
16,0	81,2	85,4	210 900	167 000		16,0
18,0	79,9	85,0	186 800	160 200	129 000	18,0
20,0	78,5	84,6	169 700	153 500	127 800	20,0
22,0	77,1	84,1	155 600	143 300	123 000	22,0
24,0	75,7	83,6	143 800	133 100	118 500	24,0
26,0	74,3	83,0	133 700	124 500	114 000	26,0
28,0	72,9	82,4	124 200	114 800	106 200	28,0
30,0	71,5	81,7	113 700	105 500	97 800	30,0
32,0	70,1	81,0	104 700	97 400	90 500	32,0
34,0	68,6	80,2	96 800	90 200	83 900	34,0
36,0	67,2	79,3	89 700	83 600	77 800	36,0
38,0	65,7	78,4	83 200	77 600	72 300	38,0
40,0	64,2	77,5	77 300	72 200	67 400	40,0
42,0	62,7	76,4	71 900	67 300	62 900	42,0
44,0	61,1	75,3	67 000	62 800	58 800	44,0
46,0	59,6	74,1	62 500	58 600	55 000	46,0
48,0	58,0	72,9	58 500	54 800	51 400	48,0
50,0	56,4	71,5	54 700	51 400	48 200	50,0
52,0	54,7	70,1	51 200	48 200	45 200	52,0
54,0	53,0	68,6	48 000	45 200	42 400	54,0
56,0	51,3	67,0	45 000	42 300	39 800	56,0
58,0	49,6	65,3	42 200	39 800	37 400	58,0
60,0	47,7	63,5	39 600	37 300	35 100	60,0
62,0	45,9	61,5	37 200	35 000	33 000	62,0
64,0	43,9	59,4	34 900	32 800	30 900	64,0
66,0	41,9	57,2	32 700	30 800	29 000	66,0
68,0	39,8	54,8	30 700	28 900	27 200	68,0
70,0	37,6	52,2	28 800	27 100	25 500	70,0
72,0	35,3	49,4	26 900	25 400	23 900	72,0
74,0	32,9	46,4	25 200	23 800	22 400	74,0
76,0	30,2	43,0	23 600	22 200	21 000	76,0
78,0	27,4	39,2	22 000	20 800	19 500	78,0
80,0	24,1	34,8	20 500	19 300	18 200	80,0
82,0	20,5	29,7	19 000	18 000	17 000	82,0

Liftcrane Boom Capacities

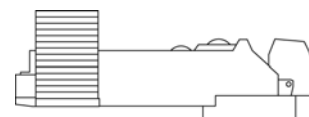
Boom No. 55-79A with 30,5 m Mast No. 56
 239 500 kg Crane Counterweight
 Pedestal Mount - Four Swing Drives
 0 Degree thru 3 Degree Static Machine List
 360 Degree Rating



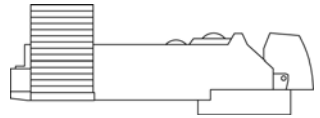
Oper. Radius Meters	Boom Angle Deg.	Boom Point Elev. Meters	0 Degree List Boom Capacity Kilograms	1 Degree List Boom Capacity Kilograms
91,4 m Boom				
15,2	82,3	91,7	195 200	
16,0	81,8	91,6	192 000	
18,0	80,5	91,2	177 300	144 200
20,0	79,3	90,8	159 900	139 200
22,0	78,0	90,4	146 400	133 100
24,0	76,7	89,9	135 200	124 400
26,0	75,4	89,4	125 600	116 100
28,0	74,1	88,8	117 300	109 000
30,0	72,8	88,2	110 000	102 700
32,0	71,5	87,5	103 300	95 500
34,0	70,1	86,8	95 400	88 400
36,0	68,8	86,0	88 300	81 900
38,0	67,4	85,1	81 900	75 900
40,0	66,0	84,2	75 900	70 600
42,0	64,6	83,3	70 600	65 600
44,0	63,2	82,3	65 700	61 200
46,0	61,8	81,2	61 200	57 100
48,0	60,4	80,0	57 100	53 300
50,0	58,9	78,8	53 400	49 800
52,0	57,4	77,5	49 900	46 700
54,0	55,9	76,2	46 700	43 700
56,0	54,4	74,7	43 700	40 900
58,0	52,8	73,2	40 900	38 300
60,0	51,2	71,6	38 300	35 800
62,0	49,5	69,9	35 900	33 600
64,0	47,8	68,1	33 600	31 400
66,0	46,1	66,1	31 400	29 400
68,0	44,3	64,1	29 400	27 500
70,0	42,4	61,9	27 500	25 700
72,0	40,5	59,5	25 700	24 000
74,0	38,5	57,0	24 000	22 400
76,0	36,4	54,3	22 300	20 900
78,0	34,2	51,4	20 800	19 400
80,0	31,8	48,2	19 300	18 000
82,0	29,3	44,7	17 900	16 700
84,0	26,5	40,8	16 500	15 400
86,0	23,4	36,3	15 200	14 200
88,0	19,9	31,0	14 000	13 000

Liftcrane Boom Capacities

Boom No. 55-79A with 30,5 m Mast No. 56
 239 500 kg Crane Counterweight
 Pedestal Mount - Four Swing Drives
 0 Degree thru 3 Degree Static Machine List
 360 Degree Rating



Oper. Radius Meters	Boom Angle Deg.	Boom Point Elev. Meters	0 Degree List Boom Capacity Kilograms
97,5 m Boom			
15,2	82,8	97,8	180 300
16,0	82,3	97,7	177 400
18,0	81,1	97,4	167 300
20,0	79,9	97,1	151 700
22,0	78,7	96,6	138 700
24,0	77,5	96,2	127 800
26,0	76,3	95,7	118 700
28,0	75,1	95,2	110 700
30,0	73,9	94,6	103 800
32,0	72,7	93,9	97 600
34,0	71,4	93,2	92 100
36,0	70,2	92,5	87 000
38,0	68,9	91,7	81 000
40,0	67,6	90,9	75 000
42,0	66,3	90,0	69 700
44,0	65,0	89,1	64 800
46,0	63,7	88,1	60 400
48,0	62,4	87,0	56 300
50,0	61,1	85,9	52 500
52,0	59,7	84,7	49 000
54,0	58,3	83,5	45 900
56,0	56,9	82,2	42 900
58,0	55,5	80,8	40 100
60,0	54,0	79,3	37 500
62,0	52,5	77,8	35 100
64,0	51,0	76,2	32 800
66,0	49,5	74,5	30 600
68,0	47,9	72,7	28 600
70,0	46,3	70,7	26 700
72,0	44,6	68,7	24 900
74,0	42,9	66,6	23 200
76,0	41,1	64,3	21 600
78,0	39,2	61,8	20 000
80,0	37,3	59,2	18 500
82,0	35,3	56,4	17 200
84,0	33,1	53,4	15 800
86,0	30,9	50,0	14 500
88,0	28,4	46,4	13 300
90,0	25,8	42,3	12 100
92,0	22,8	37,7	11 000
94,0	19,4	32,3	9 900
96,0	15,3	25,5	8 800



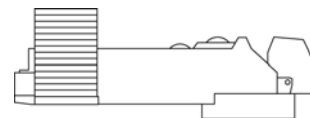
Liftcrane Boom Capacities

Boom No. 55-79A with 30,5 m Mast No. 56
 239 500 kg Crane Counterweight
 Pedestal Mount - Four Swing Drives
 0 Degree thru 3 Degree Static Machine List
 360 Degree Rating

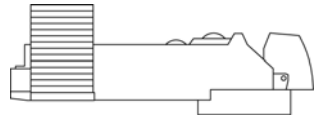
Oper. Radius Meters	Boom Angle Deg.	Boom Point Elev. Meters	0 Degree List Boom Capacity Kilograms
103,6 m Boom			
16,8	82,4	103,8	142 200
18,0	81,7	103,6	141 500
20,0	80,5	103,2	139 900
22,0	79,4	102,9	132 000
24,0	78,3	102,4	120 800
26,0	77,2	102,0	111 900
28,0	76,0	101,5	104 200
30,0	74,9	100,9	97 500
32,0	73,7	100,3	91 700
34,0	72,6	99,7	86 400
36,0	71,4	99,0	81 700
38,0	70,2	98,3	77 400
40,0	69,0	97,5	73 400
42,0	67,8	96,7	68 400
44,0	66,6	95,8	63 400
46,0	65,4	94,9	59 000
48,0	64,2	93,9	54 900
50,0	62,9	92,9	51 100
52,0	61,7	91,8	47 700
54,0	60,4	90,7	44 500
56,0	59,1	89,4	41 500
58,0	57,8	88,2	38 700
60,0	56,5	86,8	36 100
62,0	55,1	85,4	33 700
64,0	53,7	84,0	31 400
66,0	52,3	82,4	29 300
68,0	50,9	80,8	27 300
70,0	49,5	79,1	25 400
72,0	48,0	77,3	23 600
74,0	46,4	75,4	21 900
76,0	44,9	73,3	20 200
78,0	43,3	71,2	18 700
80,0	41,6	69,0	17 200
82,0	39,9	66,6	15 800
84,0	38,1	64,0	14 500
86,0	36,2	61,3	13 200
88,0	34,3	58,4	12 000
90,0	32,2	55,2	10 800
92,0	30,0	51,8	9 700
94,0	27,7	48,1	8 600
96,0	25,1	43,9	7 600

Liftcrane Boom Capacities

Boom No. 55-79A with 30,5 m Mast No. 56
 239 500 kg Crane Counterweight
 Pedestal Mount - Four Swing Drives
 0 Degree thru 3 Degree Static Machine List
 360 Degree Rating



Oper. Radius Meters	Boom Angle Deg.	Boom Point Elev. Meters	0 Degree List Boom Capacity Kilograms
109,7 m Boom			
16,8	82,8	109,9	135 400
18,0	82,1	109,8	135 300
20,0	81,1	109,4	133 700
22,0	80,0	109,1	125 000
24,0	78,9	108,7	114 700
26,0	77,9	108,2	106 000
28,0	76,8	107,8	98 500
30,0	75,7	107,2	92 100
32,0	74,6	106,7	86 300
34,0	73,6	106,1	81 300
36,0	72,5	105,4	76 700
38,0	71,4	104,8	72 600
40,0	70,2	104,0	68 900
42,0	69,1	103,3	65 400
44,0	68,0	102,4	62 100
46,0	66,9	101,6	57 800
48,0	65,7	100,7	53 700
50,0	64,6	99,7	50 000
52,0	63,4	98,7	46 500
54,0	62,2	97,7	43 300
56,0	61,0	96,5	40 300
58,0	59,8	95,4	37 600
60,0	58,6	94,1	35 000
62,0	57,3	92,8	32 600
64,0	56,1	91,5	30 300
66,0	54,8	90,1	28 200
68,0	53,5	88,6	26 100
70,0	52,2	87,0	24 200
72,0	50,8	85,4	22 400
74,0	49,4	83,7	20 700
76,0	48,0	81,9	19 100
78,0	46,6	80,0	17 600
80,0	45,1	78,0	16 100
82,0	43,6	75,9	14 800
84,0	42,0	73,7	13 400
86,0	40,4	71,3	12 100
88,0	38,8	68,8	10 900
90,0	37,0	66,2	9 800
92,0	35,2	63,4	8 700
94,0	33,3	60,3	7 600



Liftcrane Boom Capacities

Boom No. 55-79A with 30,5 m Mast No. 56
 239 500 kg Crane Counterweight
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 0 Degree thru 3 Degree Static Machine List
 360 Degree Rating

Oper. Radius Meters	Boom Angle Deg.	Boom Point Elev. Meters	0 Degree List Boom Capacity Kilograms
115,8 m Boom			
18,3	82,4	115,9	116 700
20,0	81,5	115,6	116 000
22,0	80,5	115,3	115 000
24,0	79,5	114,9	109 500
26,0	78,5	114,5	100 300
28,0	77,5	114,0	93 100
30,0	76,5	113,6	86 800
32,0	75,5	113,0	81 200
34,0	74,4	112,5	76 300
36,0	73,4	111,8	71 900
38,0	72,4	111,2	67 900
40,0	71,3	110,5	64 200
42,0	70,3	109,8	60 900
44,0	69,2	109,0	57 900
46,0	68,1	108,2	55 000
48,0	67,1	107,4	52 200
50,0	66,0	106,5	48 600
52,0	64,9	105,5	45 100
54,0	63,8	104,5	41 900
56,0	62,7	103,5	38 900
58,0	61,5	102,4	36 200
60,0	60,4	101,3	33 600
62,0	59,3	100,1	31 100
64,0	58,1	98,8	28 900
66,0	56,9	97,5	26 700
68,0	55,7	96,1	24 700
70,0	54,5	94,7	22 800
72,0	53,3	93,2	21 000
74,0	52,0	91,6	19 300
76,0	50,7	90,0	17 700
78,0	49,4	88,3	16 200
80,0	48,1	86,5	14 700
82,0	46,7	84,6	13 300
84,0	45,3	82,6	12 000
86,0	43,9	80,5	10 800
88,0	42,4	78,3	9 600
90,0	40,9	76,0	8 400
92,0	39,4	73,6	7 300

Liftcrane Boom Capacities

Boom No. 55-79A with 30,5 m Mast No. 56
 239 500 kg Crane Counterweight
 Pedestal Mount - Four Swing Drives
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Oper. Radius Meters	Boom Angle Deg.	Boom Point Elev. Meters	0 Degree List Boom Capacity Kilograms
121,9 m Boom			
18,3	82,8	122,0	99 800
20,0	82,0	121,8	99 800
22,0	81,0	121,5	99 800
24,0	80,1	121,1	99 500
26,0	79,1	120,7	95 600
28,0	78,1	120,3	88 300
30,0	77,2	119,8	82 100
32,0	76,2	119,3	76 800
34,0	75,2	118,8	71 900
36,0	74,3	118,2	67 600
38,0	73,3	117,6	63 800
40,0	72,3	117,0	60 200
42,0	71,3	116,3	57 000
44,0	70,3	115,6	54 100
46,0	69,3	114,8	51 400
48,0	68,3	114,0	48 900
50,0	67,3	113,2	46 500
52,0	66,2	112,3	44 100
54,0	65,2	111,3	40 900
56,0	64,2	110,3	37 900
58,0	63,1	109,3	35 100
60,0	62,0	108,3	32 500
62,0	61,0	107,1	30 100
64,0	59,9	106,0	27 900
66,0	58,8	104,8	25 700
68,0	57,7	103,5	23 700
70,0	56,5	102,2	21 800
72,0	55,4	100,8	20 000
74,0	54,2	99,3	18 300
76,0	53,0	97,8	16 700
78,0	51,8	96,2	15 200
80,0	50,6	94,6	13 700
82,0	49,4	92,9	12 400
84,0	48,1	91,1	11 000
86,0	46,8	89,2	9 800
88,0	45,5	87,2	8 600