

Liftcrane Boom Capacities

M-1200

Boom No. 75A
Mast No. 75 or No. 75A
18,3 m RINGER Attachment on Screw Jack Pedestals
23 590 kg Crane Counterweight
715 900 kg Auxiliary Counterweight
RINGER on Barge - 360 Degree Rating
0 Degree thru 1 Degree Static Machine List

LIFTING CAPACITIES: Lifting capacities are for a RINGER 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 (*).

Upper boom point capacity for liftcrane service with 6 part line is 81 650 kg. In all cases, upper boom point capacities cannot exceed those listed for main boom capacity. Upper boom point minimum operating radii will be restricted with boom at maximum angle.

Weight of all load blocks, hooks, 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 roller path properly supported and machine list and trim not to exceed degrees noted with exception of 0 degree machine list which must not exceed 32 mm in 18,3 m. Refer to Boom Rigging **No. 173398 or No. 177315** and Wire Rope Specification chart **No. 7683-C**. 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.

WIND CONDITIONS: Machine may be operated in winds up to 13 m/s provided crane operator judgment is used to allow for wind effect on lifted load and other considerations noted on capacity chart are followed. Wind will have a considerable effect on a load with a large "sail area" and must be compensated for accordingly by reducing load ratings, reducing operating speeds or by a combination of both. Recommend stopping operation and lowering boom to approximately 75 degree boom angle when wind exceeds 13 m/s. Lower boom to barge deck when wind is above 22 m/s.

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 18,3 m RINGER attachment, 9 373 mm crawlers, 1 219 mm treads, 8 534 mm retractable gantry, 45,7 m No. 75 mast with 20 part or 32 part boom hoist reeving or No. 75A mast with 32 part boom hoist reeving, strap boom pendants, 23 590 kg crane counterweight and 715 900 kg auxiliary counterweight.

Maximum Boom Lengths Lifted Unassisted		
List	Trim	Boom Length
0 Degree	0 Degree	121,9 m
1/2 Degree	1/2 Degree	99,1 m
1/2 Degree	1-1/2 Degree	99,1 m
1 Degree	1 Degree	68,6 m
Load blocks on barge deck at start.		

Deduct 2 450 kg from capacities when upper boom point is attached.

Jib and all jib hardware must be removed for use of this chart.

Warning: Confirm quantity of auxiliary counterweight installed on machine before use of this chart.

Oper. Radius Meters	Boom Angle Deg.	Boom Point Elev. Meters	0 Degree List Boom Capacity Kilograms	1/2 Degree List 1/2 Degree Trim Boom Capacity Kilograms	1/2 Degree List 1-1/2 Degree Trim Boom Capacity Kilograms	1 Degree List 1 Degree Trim Boom Capacity Kilograms	Oper. Radius Meters
45,7 m Boom							
16,8	80,7	48,5	816 400 *	719 400 *		621 900 *	16,8
18,0	79,1	48,2	816 400 *	689 000 *		595 900 *	18,0
20,0	76,5	47,8	814 400 *	622 800 *	622 800 *	538 000 *	20,0
22,0	73,9	47,2	779 400 *	565 300 *	565 300 *	487 600 *	22,0
24,0	71,3	46,5	696 800 *	516 900 *	516 900 *	445 100 *	24,0
26,0	68,6	45,8	611 400 *	475 800 *	475 800 *	409 000 *	26,0
28,0	65,9	44,9	538 900 *	441 100 *	441 100 *	378 600 *	28,0
30,0	63,1	43,9	478 800 *	410 800 *	410 800 *	351 900 *	30,0
32,0	60,2	42,8	428 100 *	384 000 *	384 000 *	328 400 *	32,0
34,0	57,2	41,5	385 800 *	360 800 *	360 800 *	308 000 *	34,0
36,0	54,1	40,1	348 900 *	340 000 *	335 200 *	289 800 *	36,0
38,0	50,9	38,5	316 200 *	312 800 *	305 700 *	273 300 *	38,0
40,0	47,6	36,7	287 500 *	284 800 *	279 000 *	258 600 *	40,0
42,0	44,0	34,7	261 500 *	259 500 *	254 700 *	245 300 *	42,0
44,0	40,2	32,4	237 700 *	236 100 *	232 300 *	233 100 *	44,0
46,0	36,0	29,7	215 500 *	214 500 *	211 400 *	212 900 *	46,0
48,0	31,4	26,6	194 400 *	193 800 *	191 400 *	192 600 *	48,0

Oper. Radius Meters	Boom Angle Deg.	Boom Point Elev. Meters	0 Degree List Boom Capacity Kilograms	1/2 Degree List 1/2 Degree Trim Boom Capacity Kilograms	1/2 Degree List 1-1/2 Degree Trim Boom Capacity Kilograms	1 Degree List 1 Degree Trim Boom Capacity Kilograms	Oper. Radius Meters
53,3 m Boom							
16,8	82,0	56,2	720 200 *				16,8
18,0	80,7	56,0	720 200 *				18,0
20,0	78,5	55,6	720 200 *	622 000 *	622 000 *	536 800 *	20,0
22,0	76,3	55,1	717 600 *	564 500 *	564 500 *	486 400 *	22,0
24,0	74,0	54,6	685 700	516 100 *	516 100 *	443 900 *	24,0
26,0	71,8	53,9	611 300	475 100 *	475 100 *	407 900 *	26,0
28,0	69,5	53,2	546 000	440 400 *	440 400 *	377 400 *	28,0
30,0	67,2	52,3	492 200	410 000 *	410 000 *	350 700 *	30,0
32,0	64,8	51,4	447 100	383 300 *	383 300 *	327 300 *	32,0
34,0	62,4	50,4	409 800	360 000 *	360 000 *	306 900 *	34,0
36,0	59,9	49,2	377 600	339 200 *	339 200 *	288 600 *	36,0
38,0	57,4	48,0	347 600 *	320 500 *	320 500 *	272 100 *	38,0
40,0	54,8	46,6	318 800 *	303 800 *	303 300 *	257 500 *	40,0
42,0	52,1	45,1	292 900 *	287 600 *	282 900 *	244 200 *	42,0
44,0	49,2	43,4	269 300 *	267 000 *	261 100 *	232 000 *	44,0
46,0	46,3	41,5	248 000 *	246 200 *	241 200 *	220 900 *	46,0
48,0	43,2	39,4	228 400 *	227 000 *	222 800 *	210 800 *	48,0
50,0	39,9	37,1	210 000 *	209 000 *	205 500 *	201 400 *	50,0
52,0	36,3	34,5	192 800 *	192 000 *	189 100 *	190 500 *	52,0
54,0	32,5	31,4	176 300 *	175 800 *	173 500 *	174 600 *	54,0
56,0	28,1	27,9	160 100 *	159 900 *	158 000 *	158 900 *	56,0

Oper. Radius Meters	Boom Angle Deg.	Boom Point Elev. Meters	0 Degree List Boom Capacity Kilograms	1/2 Degree List 1/2 Degree Trim Boom Capacity Kilograms	1/2 Degree List 1-1/2 Degree Trim Boom Capacity Kilograms	1 Degree List 1 Degree Trim Boom Capacity Kilograms	Oper. Radius Meters
61,0 m Boom							
18,3	81,6	63,7	655 300 *				18,3
20,0	79,9	63,4	649 900 *	577 200 *	577 200 *		20,0
22,0	78,0	63,0	639 500 *	558 500 *	558 500 *		22,0
24,0	76,1	62,5	628 900 *	515 100 *	515 100 *	442 300 *	24,0
26,0	74,1	61,9	609 100	474 000 *	474 000 *	406 300 *	26,0
28,0	72,2	61,3	543 900	439 400 *	439 400 *	375 900 *	28,0
30,0	70,2	60,6	490 100	409 000 *	409 000 *	349 200 *	30,0
32,0	68,1	59,8	445 000	382 300 *	382 300 *	325 800 *	32,0
34,0	66,1	58,9	407 700	359 100 *	359 100 *	305 400 *	34,0
36,0	64,0	57,9	375 500	338 300 *	338 300 *	287 200 *	36,0
38,0	61,9	56,9	347 400	319 600 *	319 600 *	270 800 *	38,0
40,0	59,7	55,7	323 200	302 900 *	302 900 *	256 100 *	40,0
42,0	57,5	54,5	301 800	287 800 *	287 200	242 800 *	42,0
44,0	55,2	53,1	282 600	274 000 *	270 700	230 700 *	44,0
46,0	52,9	51,6	265 300	261 000 *	255 100	219 600 *	46,0
48,0	50,4	50,0	247 000 *	245 200 *	239 400 *	209 500 *	48,0
50,0	47,9	48,2	229 700 *	228 300 *	223 300 *	200 200 *	50,0
52,0	45,3	46,3	213 600 *	212 500 *	208 200 *	191 500 *	52,0
54,0	42,6	44,1	198 600 *	197 800 *	194 100 *	183 600 *	54,0
56,0	39,7	41,8	184 400 *	183 900 *	180 700 *	176 100 *	56,0
58,0	36,6	39,2	170 900 *	170 600 *	167 900 *	168 900 *	58,0
60,0	33,2	36,2	157 900 *	157 800 *	155 600 *	156 700 *	60,0
62,0	29,5	32,8	145 100 *	145 100 *	143 500 *	144 400 *	62,0

Oper. Radius Meters	Boom Angle Deg.	Boom Point Elev. Meters	0 Degree List Boom Capacity Kilograms	1/2 Degree List 1/2 Degree Trim Boom Capacity Kilograms	1/2 Degree List 1-1/2 Degree Trim Boom Capacity Kilograms	1 Degree List 1 Degree Trim Boom Capacity Kilograms	Oper. Radius Meters
68,6 m Boom							
19,8	81,2	71,1	579 600 *				19,8
20,0	81,1	71,1	578 900 *				20,0
22,0	79,4	70,7	570 400 *	503 200 *	503 200 *		22,0
24,0	77,7	70,3	561 800 *	496 600 *	496 600 *		24,0
26,0	75,9	69,8	553 200 *	473 100 *	473 100 *		26,0
28,0	74,2	69,3	534 800 *	438 400 *	438 400 *	374 400 *	28,0
30,0	72,5	68,6	488 300	408 100 *	408 100 *	347 800 *	30,0
32,0	70,7	67,9	443 200	381 400 *	381 400 *	324 400 *	32,0
34,0	68,9	67,2	405 900	358 200 *	358 200 *	304 000 *	34,0
36,0	67,1	66,3	373 700	337 400 *	337 400 *	285 800 *	36,0
38,0	65,3	65,4	345 600	318 700 *	318 700 *	269 400 *	38,0
40,0	63,4	64,4	321 400	302 000 *	301 800 *	254 700 *	40,0
42,0	61,5	63,4	300 000	286 900 *	284 200	241 500 *	42,0
44,0	59,6	62,2	280 900	273 100 *	267 100	229 300 *	44,0
46,0	57,6	61,0	263 900	260 400 *	251 700	218 300 *	46,0
48,0	55,6	59,6	248 600	247 000	237 900	208 200 *	48,0
50,0	53,5	58,1	234 700	233 400	225 200	198 800 *	50,0
52,0	51,4	56,6	222 200	221 000	213 700	190 200 *	52,0
54,0	49,2	54,9	210 000	208 500 *	202 900	182 200 *	54,0
56,0	46,9	53,0	197 000 *	195 700 *	191 300 *	174 800 *	56,0
58,0	44,5	51,0	184 600 *	183 600 *	179 700 *	167 900 *	58,0
60,0	42,1	48,9	173 000 *	172 100 *	168 800 *	161 400 *	60,0
62,0	39,5	46,5	161 900 *	161 200 *	158 300 *	155 400 *	62,0
64,0	36,7	43,9	151 100 *	150 600 *	148 100 *	149 300 *	64,0
66,0	33,8	41,0	140 800 *	140 400 *	138 200 *	139 300 *	66,0
68,0	30,6	37,7	130 600 *	130 300 *	128 500 *	129 400 *	68,0

Oper. Radius Meters	Boom Angle Deg.	Boom Point Elev. Meters	0 Degree List Boom Capacity Kilograms	1/2 Degree List 1/2 Degree Trim Boom Capacity Kilograms	1/2 Degree List 1-1/2 Degree Trim Boom Capacity Kilograms	Oper. Radius Meters
76,2 m Boom						
21,3	81,0	78,6	513 500 *			21,3
22,0	80,5	78,5	511 200 *			22,0
24,0	78,9	78,1	504 200 *			24,0
26,0	77,4	77,7	497 000 *	439 200 *	439 200 *	26,0
28,0	75,8	77,2	489 800 *	430 300 *	430 300 *	28,0
30,0	74,3	76,6	477 900	407 100 *	407 100 *	30,0
32,0	72,7	76,0	441 000	380 400 *	380 400 *	32,0
34,0	71,1	75,3	403 700	357 200 *	357 200 *	34,0
36,0	69,5	74,6	371 500	336 500 *	336 500 *	36,0
38,0	67,9	73,8	343 500	317 800 *	317 800 *	38,0
40,0	66,2	72,9	319 200	301 100 *	299 300	40,0
42,0	64,6	72,0	297 800	286 000 *	280 400	42,0
44,0	62,9	71,0	278 700	272 200 *	263 400	44,0
46,0	61,2	69,9	261 700	259 200 *	248 200	46,0
48,0	59,4	68,7	246 400	244 600	234 500	48,0
50,0	57,7	67,4	232 500	231 100	221 900	50,0
52,0	55,9	66,1	220 000	218 800	210 500	52,0
54,0	54,0	64,7	208 500	207 600	200 000	54,0
56,0	52,1	63,1	198 000	197 300	190 400	56,0
58,0	50,2	61,5	188 300	187 700	181 500	58,0
60,0	48,2	59,7	179 000	178 000 *	173 100	60,0
62,0	46,1	57,8	168 900 *	168 000 *	164 200 *	62,0
64,0	43,9	55,8	159 200 *	158 500 *	155 100 *	64,0
66,0	41,7	53,6	150 000 *	149 500 *	146 400 *	66,0
68,0	39,3	51,2	141 200 *	140 700 *	138 000 *	68,0
70,0	36,9	48,6	132 600 *	132 200 *	129 900 *	70,0
72,0	34,3	45,7	124 200 *	123 900 *	121 900 *	72,0
74,0	31,4	42,5	115 900 *	115 700 *	114 000 *	74,0
76,0	28,4	39,0	107 700 *	107 600 *	106 200 *	76,0

Oper. Radius Meters	Boom Angle Deg.	Boom Point Elev. Meters	0 Degree List Boom Capacity Kilograms	1/2 Degree List 1/2 Degree Trim Boom Capacity Kilograms	1/2 Degree List 1-1/2 Degree Trim Boom Capacity Kilograms	Oper. Radius Meters
83,8 m Boom						
21,3	81,8	86,3	461 000 *			21,3
22,0	81,3	86,2	459 200 *			22,0
24,0	79,9	85,9	453 700 *			24,0
26,0	78,5	85,5	447 900 *			26,0
28,0	77,1	85,0	440 500 *	388 000 *	388 000 *	28,0
30,0	75,7	84,5	428 900 *	383 200 *	383 200 *	30,0
32,0	74,3	84,0	416 900 *	376 700 *	376 700 *	32,0
34,0	72,9	83,4	392 400 *	356 500 *	356 100 *	34,0
36,0	71,4	82,7	364 400 *	335 700 *	333 200 *	36,0
38,0	70,0	82,0	339 600 *	317 100 *	312 300 *	38,0
40,0	68,5	81,2	317 400 *	300 400 *	293 600 *	40,0
42,0	67,0	80,4	296 100	285 300 *	276 700	42,0
44,0	65,5	79,5	277 000	271 500 *	260 400	44,0
46,0	64,0	78,5	260 000	257 700	245 300	46,0
48,0	62,5	77,5	244 800	242 900	231 700	48,0
50,0	60,9	76,4	230 900	229 400	219 300	50,0
52,0	59,3	75,2	218 300	217 100	207 900	52,0
54,0	57,7	73,9	206 900	206 000	197 600	54,0
56,0	56,1	72,6	196 300	195 700	188 000	56,0
58,0	54,4	71,2	186 700	186 200	179 100	58,0
60,0	52,7	69,7	177 800	177 500	171 000	60,0
62,0	50,9	68,1	169 500	169 300	163 400	62,0
64,0	49,1	66,4	161 900	161 300 *	156 300	64,0
66,0	47,3	64,5	153 600 *	153 200 *	149 400 *	66,0
68,0	45,4	62,6	145 600 *	145 300 *	141 900 *	68,0
70,0	43,4	60,5	138 000 *	137 700 *	134 600 *	70,0
72,0	41,4	58,3	130 600 *	130 400 *	127 600 *	72,0
74,0	39,2	55,9	123 400 *	123 300 *	120 900 *	74,0
76,0	37,0	53,3	116 400 *	116 400 *	114 200 *	76,0
78,0	34,6	50,4	109 600 *	109 600 *	107 700 *	78,0
80,0	32,1	47,3	102 900 *	102 800 *	101 200 *	80,0
82,0	29,4	43,9	96 200 *	96 100 *	94 800 *	82,0

Oper. Radius Meters	Boom Angle Deg.	Boom Point Elev. Meters	0 Degree List Boom Capacity Kilograms	1/2 Degree List 1/2 Degree Trim Boom Capacity Kilograms	1/2 Degree List 1-1/2 Degree Trim Boom Capacity Kilograms	Oper. Radius Meters
91,4 m Boom						
22,9	81,5	93,8	407 900 *			22,9
24,0	80,8	93,6	405 000 *			24,0
26,0	79,5	93,3	395 700 *			26,0
28,0	78,2	92,8	385 500 *			28,0
30,0	76,9	92,4	375 200 *			30,0
32,0	75,7	91,9	365 100 *	331 700 *	331 700 *	32,0
34,0	74,4	91,3	355 000 *	323 300 *	323 300 *	34,0
36,0	73,0	90,7	342 800 *	315 000 *	312 000 *	36,0
38,0	71,7	90,1	322 700 *	306 800 *	294 700 *	38,0
40,0	70,4	89,4	302 700 *	293 400 *	277 800 *	40,0
42,0	69,1	88,6	284 600 *	276 400 *	262 400 *	42,0
44,0	67,7	87,8	268 200 *	260 800 *	248 300 *	44,0
46,0	66,3	86,9	253 300 *	246 700 *	235 500 *	46,0
48,0	65,0	86,0	239 700 *	235 400 *	225 200 *	48,0
50,0	63,6	85,0	227 100 *	224 900 *	215 700 *	50,0
52,0	62,1	84,0	215 500 *	213 600 *	204 700	52,0
54,0	60,7	82,8	204 600 *	203 200 *	194 400	54,0
56,0	59,3	81,7	194 100	193 300	184 900	56,0
58,0	57,8	80,4	184 400	183 800	176 100	58,0
60,0	56,3	79,1	175 500	175 100	168 000	60,0
62,0	54,7	77,7	167 300	167 000 *	160 500	62,0
64,0	53,2	76,2	159 600	159 200 *	153 400	64,0
66,0	51,6	74,6	152 200 *	151 700 *	146 800	66,0
68,0	50,0	73,0	144 900 *	144 600 *	140 500 *	68,0
70,0	48,3	71,2	138 000 *	137 700 *	134 000 *	70,0
72,0	46,6	69,3	131 300 *	131 100 *	127 800 *	72,0
74,0	44,8	67,4	124 900 *	124 800 *	121 700 *	74,0
76,0	43,0	65,2	118 700 *	118 600 *	115 900 *	76,0
78,0	41,1	63,0	112 700 *	112 700 *	110 100 *	78,0
80,0	39,1	60,6	106 800 *	106 800 *	104 600 *	80,0
82,0	37,1	58,0	101 000 *	101 000 *	99 100 *	82,0
84,0	34,9	55,2	95 400 *	95 400 *	93 700 *	84,0
86,0	32,6	52,1	89 900 *	89 900 *	88 300 *	86,0
88,0	30,2	48,8	84 300 *	84 200 *	83 000 *	88,0

Oper. Radius Meters	Boom Angle Deg.	Boom Point Elev. Meters	0 Degree List Boom Capacity Kilograms	1/2 Degree List 1/2 Degree Trim Boom Capacity Kilograms	1/2 Degree List 1-1/2 Degree Trim Boom Capacity Kilograms	Oper. Radius Meters
99,1 m Boom						
24,4	81,3	101,3	355 800 *			24,4
26,0	80,3	101,0	349 000 *			26,0
28,0	79,2	100,6	340 400 *			28,0
30,0	78,0	100,2	331 600 *			30,0
32,0	76,8	99,7	322 900 *			32,0
34,0	75,6	99,2	314 300 *	283 000 *	283 000 *	34,0
36,0	74,4	98,7	305 700 *	275 700 *	275 700 *	36,0
38,0	73,2	98,1	297 200 *	268 600 *	268 600 *	38,0
40,0	72,0	97,4	287 200 *	261 500 *	260 600 *	40,0
42,0	70,7	96,7	270 600 *	254 500 *	247 900 *	42,0
44,0	69,5	96,0	255 400 *	247 600 *	235 100 *	44,0
46,0	68,3	95,2	241 700 *	235 300 *	223 400 *	46,0
48,0	67,0	94,4	229 100 *	223 300 *	212 500 *	48,0
50,0	65,7	93,5	217 500 *	212 300 *	202 500 *	50,0
52,0	64,5	92,5	206 800 *	202 400 *	193 400 *	52,0
54,0	63,2	91,5	196 800 *	195 400 *	187 200 *	54,0
56,0	61,9	90,5	187 500 *	186 400 *	178 800 *	56,0
58,0	60,5	89,3	178 800 *	177 900 *	170 900 *	58,0
60,0	59,2	88,2	170 600 *	169 900 *	163 500 *	60,0
62,0	57,8	86,9	162 900 *	162 300 *	156 500 *	62,0
64,0	56,4	85,6	155 500 *	155 100 *	149 700 *	64,0
66,0	55,0	84,2	148 600 *	148 300 *	143 300 *	66,0
68,0	53,6	82,7	141 900 *	141 800 *	137 200 *	68,0
70,0	52,1	81,2	135 600 *	135 500 *	131 300 *	70,0
72,0	50,6	79,6	129 500 *	129 500 *	125 700 *	72,0
74,0	49,1	77,9	123 700 *	123 700 *	120 200 *	74,0
76,0	47,6	76,1	118 100 *	118 100 *	114 900 *	76,0
78,0	46,0	74,1	112 700 *	112 700 *	109 800 *	78,0
80,0	44,3	72,1	107 400 *	107 400 *	104 900 *	80,0
82,0	42,6	70,0	102 300 *	102 300 *	100 000 *	82,0
84,0	40,9	67,7	97 400 *	97 400 *	95 300 *	84,0
86,0	39,0	65,3	92 500 *	92 500 *	90 700 *	86,0
88,0	37,2	62,7	87 700 *	87 700 *	86 100 *	88,0
90,0	35,2	59,9	83 000 *	83 000 *	81 600 *	90,0
92,0	33,1	56,9	78 300 *	78 300 *	77 100 *	92,0
94,0	30,9	53,6	73 700 *	73 700 *	72 600 *	94,0
96,0	28,5	50,0	69 000 *	69 000 *	68 100 *	96,0

Oper. Radius Meters	Boom Angle Deg.	Boom Point Elev. Meters	0 Degree List Boom Capacity Kilograms
106,7 m Boom			
24,4	81,9	109,0	315 400 *
26,0	81,0	108,7	309 600 *
28,0	79,9	108,4	302 200 *
30,0	78,8	108,0	294 600 *
32,0	77,7	107,6	287 000 *
34,0	76,6	107,1	279 200 *
36,0	75,5	106,6	271 400 *
38,0	74,4	106,0	263 400 *
40,0	73,3	105,4	255 100 *
42,0	72,2	104,8	246 800 *
44,0	71,0	104,1	238 500 *
46,0	69,9	103,4	228 900 *
48,0	68,7	102,6	217 200 *
50,0	67,6	101,8	206 400 *
52,0	66,4	100,9	196 400 *
54,0	65,2	100,0	187 200 *
56,0	64,0	99,0	178 500 *
58,0	62,8	98,0	170 500 *
60,0	61,6	97,0	162 900 *
62,0	60,4	95,8	155 800 *
64,0	59,1	94,6	149 000 *
66,0	57,9	93,4	142 600 *
68,0	56,6	92,1	136 500 *
70,0	55,3	90,7	130 700 *
72,0	53,9	89,3	125 100 *
74,0	52,6	87,7	119 700 *
76,0	51,2	86,2	114 600 *
78,0	49,8	84,5	109 700 *
80,0	48,4	82,7	104 900 *
82,0	46,9	80,9	100 300 *
84,0	45,4	78,9	95 800 *
86,0	43,9	76,9	91 400 *
88,0	42,3	74,7	87 100 *
90,0	40,7	72,4	83 000 *
92,0	39,0	70,0	78 900 *
94,0	37,2	67,4	74 900 *
96,0	35,4	64,6	70 900 *
98,0	33,5	61,6	67 000 *
100,0	31,4	58,4	63 000 *
102,0	29,3	55,0	59 100 *

Oper. Radius Meters	Boom Angle Deg.	Boom Point Elev. Meters	0 Degree List Boom Capacity Kilograms
114,3 m Boom			
25,9	81,7	116,5	273 700 *
26,0	81,6	116,5	273 500 *
28,0	80,6	116,1	267 100 *
30,0	79,6	115,8	260 700 *
32,0	78,6	115,4	254 000 *
34,0	77,5	114,9	246 800 *
36,0	76,5	114,5	239 400 *
38,0	75,5	113,9	231 700 *
40,0	74,4	113,4	223 900 *
42,0	73,4	112,8	216 300 *
44,0	72,3	112,2	208 900 *
46,0	71,3	111,5	201 600 *
48,0	70,2	110,8	194 400 *
50,0	69,1	110,0	187 200 *
52,0	68,1	109,2	180 200 *
54,0	67,0	108,4	173 400 *
56,0	65,9	107,5	166 700 *
58,0	64,8	106,5	160 100 *
60,0	63,7	105,6	153 300 *
62,0	62,5	104,5	146 800 *
64,0	61,4	103,4	140 400 *
66,0	60,2	102,3	134 200 *
68,0	59,1	101,1	128 100 *
70,0	57,9	99,9	122 200 *
72,0	56,7	98,6	116 500 *
74,0	55,5	97,2	110 900 *
76,0	54,2	95,8	105 400 *
78,0	53,0	94,3	100 100 *
80,0	51,7	92,7	94 900 *
82,0	50,4	91,1	89 800 *
84,0	49,1	89,4	84 800 *
86,0	47,8	87,6	80 000 *
88,0	46,4	85,7	75 200 *
90,0	45,0	83,7	70 500 *
92,0	43,5	81,6	66 000 *
94,0	42,0	79,4	61 500 *
96,0	40,5	77,1	57 100 *
98,0	38,9	74,7	52 800 *
100,0	37,3	72,1	48 500 *

Oper. Radius Meters	Boom Angle Deg.	Boom Point Elev. Meters	0 Degree List Boom Capacity Kilograms
121,9 m Boom			
27,4	81,5	123,9	234 100 *
28,0	81,2	123,9	233 400 *
30,0	80,3	123,5	229 000 *
32,0	79,3	123,1	222 600 *
34,0	78,3	122,7	215 700 *
36,0	77,4	122,3	208 600 *
38,0	76,4	121,8	201 600 *
40,0	75,4	121,3	194 600 *
42,0	74,5	120,7	187 700 *
44,0	73,5	120,1	180 700 *
46,0	72,5	119,5	173 800 *
48,0	71,5	118,9	167 100 *
50,0	70,5	118,2	160 500 *
52,0	69,5	117,4	154 000 *
54,0	68,5	116,6	147 800 *
56,0	67,5	115,8	141 500 *
58,0	66,5	114,9	135 200 *
60,0	65,4	114,0	129 000 *
62,0	64,4	113,1	122 900 *
64,0	63,3	112,1	116 800 *
66,0	62,3	111,0	111 000 *
68,0	61,2	109,9	105 300 *
70,0	60,1	108,8	99 800 *
72,0	59,0	107,6	94 400 *
74,0	57,9	106,4	89 200 *
76,0	56,8	105,1	84 100 *
78,0	55,7	103,7	79 100 *
80,0	54,5	102,3	74 200 *
82,0	53,3	100,8	69 500 *
84,0	52,2	99,3	64 900 *
86,0	50,9	97,7	60 400 *
88,0	49,7	96,0	56 000 *
90,0	48,5	94,2	51 700 *
92,0	47,2	92,4	47 400 *