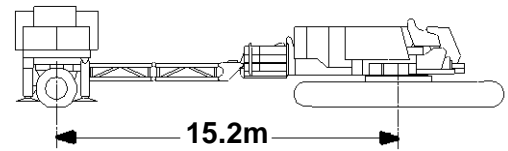


# Liftcrane Boom Capacities

**Boom No. 79 with 39.6m Mast No. 44**  
**76 750 kg Crane Counterweight**  
**27 220 kg Carbody Counterweight**  
**0 kg Thru 209 560 kg Wheeled Counterweight**  
**at 15.2m Position**  
**360 Degree Rating**

Meets  
ANSI B30.5  
Requirements

## MAX-ER 2000 On 2250



**LIFTING CAPACITIES:** 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 (\*).

Wheeled counterweight must be attached to support beam and MAX-ER mode must be selected to operate. Swing and travel (forward or side crawl) requires proper position of counterweight wheels when contacting ground. Exit MAX-ER mode before operating without wheeled counterweight.

Upper boom point capacity for liftcrane service with single part whip line is 12 560 kg or 25 130 kg with two part whip line. When luffing hoist for 22 mm wire rope is used, capacity is 9 070 kg with single part whip line or 18 140 kg with two part whip line. In all cases, upper boom point capacities cannot exceed those listed for main boom capacities.

Weight of all load blocks, hooks, weight ball, slings, hoist lines, etc., beneath boom point sheaves, is considered part of main boom load. Boom is not to be lowered beyond radii where combined weights are greater than rated capacity. Where no capacity is shown, operation is not intended or approved.

**OPERATING CONDITIONS:** Machine to operate on a firm uniformly supporting surface with gantry in intermediate position and mast up. Refer to boom rigging **No. 194041**, Wire Rope Specification chart **No. 8189-A** and Counterweight Arrangement chart **No. 8412-A**. Crane operator judgment must be used to allow for dynamic load effects of swinging, hoisting or lowering, travel, wind conditions, as well as adverse operating conditions and physical machine depreciation. Refer to operators manual for operating guidelines.

**MACHINE TRAVEL:** Machine to travel on a firm, level and uniformly supporting surface with boom within boom angle range shown in capacity chart. Travel may be limited depending upon ground conditions. Refer to Maximum Allowable Travel Specification chart **No. 8190-A** when operating without load.

**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 ground level to centerline of boom point shaft.

**MACHINE EQUIPMENT:** Machine equipped with MAX-ER 2000, 9 373 mm crawlers, 1 219 mm treads, 8 534 mm retractable gantry, 39.6m mast, 10 part boom hoist reeving, boom support straps, 76 750 kg crane counterweight, two 13 610 kg carbody counterweights and wheeled counterweight as specified.

**WARNING:** Check amount of wheeled counterweight on machine before use of this chart. Refer to Counterweight Assembly.

Maximum Boom Lengths Lifted Unassisted	
Over End of Blocked Crawlers	Over Side or End of Unblocked Crawlers
0 kg Wheeled Counterweight	
67.1m	61.0m
54 430 kg Wheeled Counterweight	
91.4m	85.3m
108 860 kg Wheeled Counterweight	
109.7m	103.6m
164 200 kg Wheeled Counterweight	
109.7m	109.7m
209 560 kg Wheeled Counterweight	
109.7m	109.7m
Load block, hook and weight ball on ground at start.	

**Boom Catwalks Deduct**  
Deduct 350 kg from capacities when boom catwalks are attached.

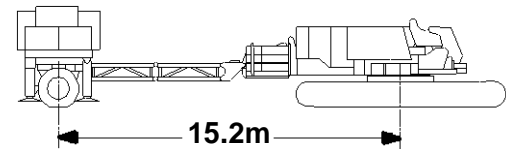


# Liftcrane Boom Capacities

Meets  
ANSI B30.5  
Requirements

# MAX-ER 2000 On 2250

Boom No. 79 with 39.6m Mast No. 44  
76 750 kg Crane Counterweight  
27 220 kg Carbody Counterweight  
0 kg Thru 209 560 kg Wheeled Counterweight  
at 15.2m Position  
360 Degree Rating



Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	0 kg Wheeled Counterweight Boom Capacity Kilograms	54 430 kg Wheeled Counterweight Boom Capacity Kilograms	108 860 kg Wheeled Counterweight Boom Capacity Kilograms	164 200 kg Wheeled Counterweight Boom Capacity Kilograms	209 560 kg Wheeled Counterweight Boom Capacity Kilograms	Oper. Rad. Meters
<b>36.6m (120 Ft.) Boom</b>								
7.6	82.8	39.2					450 000 * <sup>1</sup>	7.6
8.0	82.2	39.1	197 800 *	287 700 *	366 200 *	408 200 *	408 200 *	8.0
9.0	80.6	38.9	176 500 *	257 600 *	326 300 *	392 400 *	408 200 *	9.0
10.0	79.0	38.7	158 800	232 900 *	294 200 *	355 000 *	401 200 *	10.0
11.0	77.4	38.5	138 600	212 300 *	267 500 *	323 200 *	368 700 *	11.0
12.0	75.7	38.2	120 600	194 700 *	245 100 *	296 300 *	338 300 *	12.0
14.0	72.5	37.5	94 900	165 900 *	209 400 *	253 600 *	289 800 *	14.0
16.0	69.1	36.7	77 400	143 200	182 300 *	221 200 *	253 000 *	16.0
18.0	65.6	35.8	64 700	122 400	161 000 *	195 700 *	224 100 *	18.0
20.0	62.1	34.7	55 100	105 600	143 800 *	175 200 *	200 900 *	20.0
22.0	58.4	33.5	47 500	92 600	129 700 *	158 300 *	181 700 *	22.0
24.0	54.5	32.0	41 400	82 100	117 800 *	144 100 *	165 600 *	24.0
26.0	50.4	30.4	36 300	73 400	107 300	132 000 *	151 900 *	26.0
28.0	46.1	28.4	32 100	66 200	97 300	121 600 *	140 100 *	28.0
30.0	41.3	26.2	28 500	60 000	88 800	112 600 *	129 900 *	30.0
32.0	36.1	23.4	25 400	54 700	81 400	104 600 *	120 800 *	32.0
34.0	29.9	20.1	22 600	50 000	75 000	97 600 *	109 900 *	34.0
36.0	22.2	15.5	20 200	45 900	69 400	91 200 *	95 300 *	36.0
<b>42.7m (140 Ft.) Boom</b>								
8.5	82.6	45.2	184 500 *	269 500 *	342 700 *	398 700 *	398 700 *	8.5
9.0	82.0	45.1	175 300 *	256 500 *	325 700 *	389 400 *	398 700 *	9.0
10.0	80.6	45.0	157 800 *	231 600 *	293 200 *	354 100 *	395 200 *	10.0
11.0	79.2	44.7	138 300	211 000 *	266 600 *	322 200 *	367 800 *	11.0
12.0	77.8	44.5	120 300	193 500 *	244 200 *	295 400 *	337 400 *	12.0
14.0	75.1	43.9	94 500	165 100 *	208 500 *	252 700 *	288 900 *	14.0
16.0	72.2	43.3	76 900	142 500	181 400 *	220 300 *	252 200 *	16.0
18.0	69.3	42.5	64 200	122 000	160 100 *	194 900 *	223 300 *	18.0
20.0	66.4	41.6	54 600	105 100	143 000 *	174 400 *	200 100 *	20.0
22.0	63.4	40.6	47 000	92 100	128 900 *	157 500 *	180 900 *	22.0
24.0	60.3	39.4	40 900	81 600	117 000 *	143 300 *	164 800 *	24.0
26.0	57.1	38.1	35 800	72 900	106 800	131 200 *	151 100 *	26.0
28.0	53.7	36.6	31 600	65 700	96 800	120 900 *	139 400 *	28.0
30.0	50.2	35.0	28 000	59 500	88 200	111 800 *	129 100 *	30.0
32.0	46.5	33.0	24 900	54 200	80 900	103 900 *	120 200 *	32.0
34.0	42.6	30.9	22 200	49 500	74 500	96 900 *	112 200 *	34.0
36.0	38.2	28.3	19 800	45 500	68 900	90 600 *	105 100 *	36.0
38.0	33.4	25.4	17 600	41 900	64 000	85 000 *	98 700 *	38.0
40.0	27.8	21.7	15 700	38 600	59 500	79 900 *	92 800 *	40.0
42.0	20.7	16.8	14 000	35 700	55 500	75 200 *	84 000 *	42.0

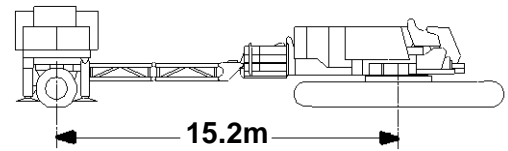
<sup>1</sup> Note: Requires additional rigging components.

# Liftcrane Boom Capacities

**Boom No. 79 with 39.6m Mast No. 44**  
**76 750 kg Crane Counterweight**  
**27 220 kg Carbody Counterweight**  
**0 kg Thru 209 560 kg Wheeled Counterweight**  
**at 15.2m Position**  
**360 Degree Rating**

Meets  
ANSI B30.5  
Requirements

## MAX-ER 2000 On 2250



Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	0 kg Wheeled Counterweight Boom Capacity Kilograms	54 430 kg Wheeled Counterweight Boom Capacity Kilograms	108 860 kg Wheeled Counterweight Boom Capacity Kilograms	164 200 kg Wheeled Counterweight Boom Capacity Kilograms	209 560 kg Wheeled Counterweight Boom Capacity Kilograms	Oper. Rad. Meters
<b>48.8m (160 Ft.) Boom</b>								
9.1	82.8	51.3	170 700 *	250 700 *	319 000 *	358 800 *	358 800 *	9.1
10.0	81.8	51.2	156 000 *	229 900 *	291 900 *	351 400 *	358 800 *	10.0
11.0	80.6	51.0	137 800	209 400 *	265 300 *	320 900 *	358 300 *	11.0
12.0	79.4	50.8	119 700	191 900 *	242 900 *	294 100 *	337 000 *	12.0
14.0	77.0	50.3	93 800	163 700 *	207 300 *	251 500 *	287 700 *	14.0
16.0	74.5	49.7	76 200	141 500	180 200 *	219 100 *	250 900 *	16.0
18.0	72.0	49.0	63 500	121 200	159 000 *	193 700 *	222 100 *	18.0
20.0	69.5	48.3	53 800	104 400	141 900 *	173 200 *	198 900 *	20.0
22.0	67.0	47.4	46 200	91 300	127 800 *	156 300 *	179 700 *	22.0
24.0	64.4	46.4	40 000	80 800	115 900 *	142 200 *	163 700 *	24.0
26.0	61.7	45.3	35 000	72 100	105 800	130 100 *	150 000 *	26.0
28.0	58.9	44.1	30 800	64 900	96 000	119 800 *	138 300 *	28.0
30.0	56.1	42.8	27 200	58 700	87 400	110 700 *	128 100 *	30.0
32.0	53.1	41.2	24 100	53 300	80 100	102 800 *	119 100 *	32.0
34.0	50.1	39.6	21 300	48 700	73 700	95 800 *	111 100 *	34.0
36.0	46.8	37.7	19 000	44 700	68 100	89 600 *	104 000 *	36.0
38.0	43.4	35.6	16 900	41 100	63 200	84 000 *	97 700 *	38.0
40.0	39.8	33.2	15 000	37 800	58 800	78 900 *	91 900 *	40.0
42.0	35.8	30.4	13 300	35 000	54 800	74 300 *	86 700 *	42.0
44.0	31.3	27.2	11 700	32 400	51 200	70 100 *	82 000 *	44.0
46.0	26.1	23.3	10 300	29 900	47 900	66 200	77 600 *	46.0
48.0	19.6	18.1	9 000	27 800	44 900	62 300	72 400 *	48.0

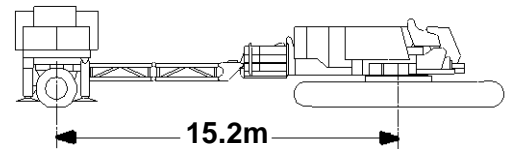


# Liftcrane Boom Capacities

Meets  
ANSI B30.5  
Requirements

# MAX-ER 2000 On 2250

Boom No. 79 with 39.6m Mast No. 44  
76 750 kg Crane Counterweight  
27 220 kg Carbody Counterweight  
0 kg Thru 209 560 kg Wheeled Counterweight  
at 15.2m Position  
360 Degree Rating



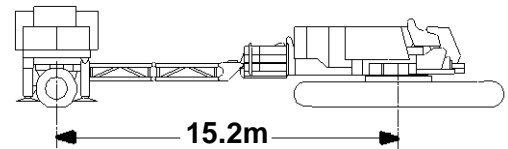
Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	0 kg Wheeled Counterweight Boom Capacity Kilograms	54 430 kg Wheeled Counterweight Boom Capacity Kilograms	108 860 kg Wheeled Counterweight Boom Capacity Kilograms	164 200 kg Wheeled Counterweight Boom Capacity Kilograms	209 560 kg Wheeled Counterweight Boom Capacity Kilograms	Oper. Rad. Meters
<b>54.9m (180 Ft.) Boom</b>								
9.8	83.0	57.4	158 800 *	234 400 *	298 400 *	323 300 *	323 300 *	9.8
10.0	82.7	57.3	155 000 *	228 900 *	291 300 *	323 300 *	323 300 *	10.0
11.0	81.6	57.2	137 400	208 200 *	264 500 *	320 400 *	323 300 *	11.0
12.0	80.6	57.0	119 300	190 700 *	242 100 *	293 300 *	323 300 *	12.0
14.0	78.4	56.6	93 300	162 700 *	206 500 *	250 600 *	287 400 *	14.0
16.0	76.3	56.1	75 700	140 800	179 400 *	218 300 *	250 100 *	16.0
18.0	74.1	55.5	63 000	120 800	158 200 *	192 900 *	221 300 *	18.0
20.0	71.9	54.8	53 300	103 900	141 100 *	172 400 *	198 100 *	20.0
22.0	69.7	54.0	45 700	90 800	127 000 *	155 600 *	179 000 *	22.0
24.0	67.4	53.2	39 500	80 200	115 200 *	141 400 *	162 900 *	24.0
26.0	65.1	52.2	34 500	71 600	105 100	129 400 *	149 300 *	26.0
28.0	62.7	51.2	30 200	64 300	95 500	119 000 *	137 500 *	28.0
30.0	60.3	50.0	26 600	58 100	86 900	110 000 *	127 300 *	30.0
32.0	57.9	48.8	23 500	52 800	79 600	102 100 *	118 400 *	32.0
34.0	55.3	47.4	20 800	48 200	73 200	95 100 *	110 400 *	34.0
36.0	52.7	45.8	18 500	44 100	67 600	88 900 *	103 400 *	36.0
38.0	49.9	44.1	16 300	40 500	62 600	83 300 *	97 000 *	38.0
40.0	47.1	42.3	14 400	37 300	58 200	78 200 *	91 300 *	40.0
42.0	44.1	40.2	12 800	34 500	54 300	73 700 *	86 100 *	42.0
44.0	40.9	37.9	11 200	31 900	50 700	69 500 *	81 400 *	44.0
46.0	37.5	35.3	9 800	29 500	47 400	65 600	77 000 *	46.0
48.0	33.8	32.4	8 500	27 300	44 400	61 900	73 000 *	48.0
50.0	29.6	28.9	7 400	25 300	41 700	58 400	69 300 *	50.0
52.0	24.8	24.8	6 200	23 500	39 200	55 200	65 900 *	52.0
54.0	18.7	19.3	5 200	21 800	36 900	52 200	62 400 *	54.0

# Liftcrane Boom Capacities

Boom No. 79 with 39.6m Mast No. 44  
76 750 kg Crane Counterweight  
27 220 kg Carbody Counterweight  
0 kg Thru 209 560 kg Wheeled Counterweight  
at 15.2m Position  
360 Degree Rating

Meets  
ANSI B30.5  
Requirements

## MAX-ER 2000 On 2250



Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	0 kg Wheeled Counterweight Boom Capacity Kilograms	54 430 kg Wheeled Counterweight Boom Capacity Kilograms	108 860 kg Wheeled Counterweight Boom Capacity Kilograms	164 200 kg Wheeled Counterweight Boom Capacity Kilograms	209 560 kg Wheeled Counterweight Boom Capacity Kilograms	Oper. Rad. Meters
<b>61.0m (200 Ft.) Boom</b>								
11.0	82.5	63.3	137 600	207 200 *	263 900 *	291 400 *	291 400 *	11.0
12.0	81.5	63.2	118 800	189 200 *	240 900 *	288 700 *	291 400 *	12.0
14.0	79.6	62.8	92 800	161 100 *	205 200 *	249 400 *	285 900 *	14.0
16.0	77.7	62.3	75 000	139 600	178 200 *	217 100 *	249 000 *	16.0
18.0	75.8	61.8	62 200	120 100	157 000 *	191 700 *	220 100 *	18.0
20.0	73.8	61.2	52 500	103 000	139 900 *	171 200 *	196 900 *	20.0
22.0	71.8	60.6	44 800	89 900	125 800 *	154 300 *	177 700 *	22.0
24.0	69.8	59.8	38 700	79 400	113 900 *	140 200 *	161 700 *	24.0
26.0	67.8	59.0	33 600	70 700	103 900	128 200 *	148 100 *	26.0
28.0	65.7	58.1	29 300	63 400	94 600	117 800 *	136 300 *	28.0
30.0	63.6	57.0	25 700	57 200	86 000	108 800 *	126 100 *	30.0
32.0	61.4	55.9	22 600	51 900	78 600	100 900 *	117 200 *	32.0
34.0	59.3	54.7	19 900	47 300	72 200	93 900 *	109 200 *	34.0
36.0	57.0	53.4	17 500	43 200	66 600	87 700 *	102 100 *	36.0
38.0	54.7	52.0	15 400	39 600	61 700	82 100 *	95 800 *	38.0
40.0	52.3	50.4	13 500	36 300	57 300	77 000 *	90 100 *	40.0
42.0	49.9	48.7	11 800	33 500	53 300	72 400 *	84 900 *	42.0
44.0	47.3	46.9	10 300	30 900	49 700	68 300 *	80 100 *	44.0
46.0	44.6	44.9	8 800	28 500	46 500	64 400 *	75 800 *	46.0
48.0	41.8	42.6	7 600	26 300	43 500	60 900	71 800 *	48.0
50.0	38.8	40.1	6 400	24 300	40 700	57 500	68 100 *	50.0
52.0	35.6	37.4	5 300	22 500	38 200	54 200	64 700 *	52.0
54.0	32.1	34.2		20 800	36 000	51 300	61 600 *	54.0
56.0	28.2	30.6		19 300	33 800	48 600	58 600 *	56.0
58.0	23.6	26.2		17 800	31 800	46 000	55 900 *	58.0

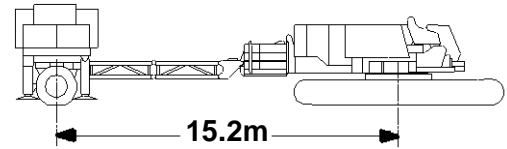


# Liftcrane Boom Capacities

Meets  
ANSI B30.5  
Requirements

# MAX-ER 2000 On 2250

Boom No. 79 with 39.6m Mast No. 44  
76 750 kg Crane Counterweight  
27 220 kg Carbody Counterweight  
0 kg Thru 209 560 kg Wheeled Counterweight  
at 15.2m Position  
360 Degree Rating



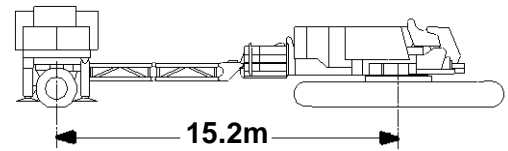
Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	0 kg Wheeled Counterweight Boom Capacity Kilograms	54 430 kg Wheeled Counterweight Boom Capacity Kilograms	108 860 kg Wheeled Counterweight Boom Capacity Kilograms	164 200 kg Wheeled Counterweight Boom Capacity Kilograms	209 560 kg Wheeled Counterweight Boom Capacity Kilograms	Oper. Rad. Meters
<b>67.1m (220 Ft.) Boom</b>								
11.6	82.7	69.4	125 900	195 300 *	249 200 *	263 000 *	263 000 *	11.6
12.0	82.3	69.4	119 000	188 400 *	240 400 *	263 000 *	263 000 *	12.0
14.0	80.6	69.0	92 600	160 300 *	204 700 *	250 700 *	260 500 *	14.0
16.0	78.8	68.6	74 800	138 800 *	177 600 *	216 500 *	250 000 *	16.0
18.0	77.1	68.1	62 000	119 700	156 400 *	191 100 *	219 800 *	18.0
20.0	75.3	67.6	52 200	102 800	139 300 *	170 600 *	196 300 *	20.0
22.0	73.5	67.0	44 600	89 700	125 200 *	153 700 *	177 200 *	22.0
24.0	71.7	66.3	38 400	79 100	113 400 *	139 600 *	161 200 *	24.0
26.0	69.9	65.6	33 300	70 300	103 300	127 600 *	147 500 *	26.0
28.0	68.1	64.7	29 000	63 000	94 300	117 300 *	135 800 *	28.0
30.0	66.2	63.8	25 400	56 900	85 600	108 300 *	125 600 *	30.0
32.0	64.3	62.9	22 200	51 500	78 300	100 300 *	116 600 *	32.0
34.0	62.3	61.8	19 500	46 900	71 900	93 400 *	108 700 *	34.0
36.0	60.4	60.7	17 100	42 800	66 300	87 100 *	101 600 *	36.0
38.0	58.4	59.4	15 000	39 200	61 300	81 500 *	95 300 *	38.0
40.0	56.3	58.1	13 100	36 000	56 800	76 500 *	89 500 *	40.0
42.0	54.2	56.6	11 400	33 100	52 900	71 900 *	84 400 *	42.0
44.0	52.0	55.0	9 800	30 500	49 300	67 700 *	79 600 *	44.0
46.0	49.8	53.3	8 500	28 100	46 000	63 900 *	75 300 *	46.0
48.0	47.4	51.5	7 200	26 000	43 100	60 400 *	71 300 *	48.0
50.0	45.0	49.5	6 000	24 000	40 400	57 100	67 600 *	50.0
52.0	42.5	47.3		22 100	37 900	53 900	64 200 *	52.0
54.0	39.8	44.9		20 500	35 600	50 900	61 100 *	54.0
56.0	37.0	42.3		18 900	33 500	48 200	58 200 *	56.0
58.0	34.0	39.4		17 400	31 500	45 700	55 400 *	58.0
60.0	30.7	36.0		16 100	29 600	43 300	52 900 *	60.0
62.0	27.0	32.2		14 900	27 900	41 100	50 500 *	62.0
64.0	22.7	27.6		13 700	26 300	39 100	48 200 *	64.0

# Liftcrane Boom Capacities

Boom No. 79 with 39.6m Mast No. 44  
76 750 kg Crane Counterweight  
27 220 kg Carbody Counterweight  
0 kg Thru 209 560 kg Wheeled Counterweight  
at 15.2m Position  
360 Degree Rating

Meets  
ANSI B30.5  
Requirements

## MAX-ER 2000 On 2250



Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	54 430 kg Wheeled Counterweight Boom Capacity Kilograms	108 860 kg Wheeled Counterweight Boom Capacity Kilograms	164 200 kg Wheeled Counterweight Boom Capacity Kilograms	209 560 kg Wheeled Counterweight Boom Capacity Kilograms	Oper. Rad. Meters
<b>73.2m (240 Ft.) Boom</b>							
12.2	82.8	75.5	183 600 *	235 100 *	238 100 *	238 100 *	12.2
14.0	81.4	75.2	158 600 *	203 400 *	231 100 *	231 500 *	14.0
16.0	79.8	74.8	137 100 *	176 300 *	217 800 *	229 300 *	16.0
18.0	78.2	74.4	118 700	155 100 *	189 800 *	218 200 *	18.0
20.0	76.6	73.9	101 900	138 000 *	169 400 *	195 100 *	20.0
22.0	74.9	73.4	88 700	123 900 *	152 500 *	175 900 *	22.0
24.0	73.3	72.7	78 100	112 100 *	138 300 *	159 900 *	24.0
26.0	71.6	72.1	69 400	102 100 *	126 400 *	146 200 *	26.0
28.0	70.0	71.3	62 100	93 200	116 000 *	134 500 *	28.0
30.0	68.3	70.5	55 900	84 700	107 000 *	124 300 *	30.0
32.0	66.6	69.6	50 500	77 300	99 100 *	115 400 *	32.0
34.0	64.8	68.7	45 900	70 900	92 100 *	107 400 *	34.0
36.0	63.1	67.7	41 800	65 300	85 900 *	100 300 *	36.0
38.0	61.3	66.6	38 200	60 300	80 300 *	94 000 *	38.0
40.0	59.5	65.4	34 900	55 900	75 200 *	88 300 *	40.0
42.0	57.6	64.1	32 100	51 900	70 700 *	83 100 *	42.0
44.0	55.7	62.7	29 400	48 300	66 500 *	78 400 *	44.0
46.0	53.8	61.2	27 100	45 000	62 700 *	74 000 *	46.0
48.0	51.8	59.6	24 900	42 100	59 200 *	70 100 *	48.0
50.0	49.7	57.9	22 900	39 300	56 000 *	66 400 *	50.0
52.0	47.6	56.1	21 100	36 800	52 800	63 000 *	52.0
54.0	45.4	54.1	19 400	34 500	49 900	59 900 *	54.0
56.0	43.1	52.0	17 900	32 400	47 200	57 000 *	56.0
58.0	40.7	49.7	16 400	30 400	44 700	54 200 *	58.0
60.0	38.2	47.1	15 100	28 600	42 300	51 700 *	60.0
62.0	35.5	44.3	13 800	26 900	40 100	49 300 *	62.0
64.0	32.6	41.3	12 700	25 300	38 100	47 000 *	64.0
66.0	29.4	37.8	11 500	23 700	36 200	44 900 *	66.0
68.0	25.9	33.8	10 500	22 300	34 300	42 900 *	68.0
70.0	21.9	29.0	9 500	20 900	32 600	41 000 *	70.0

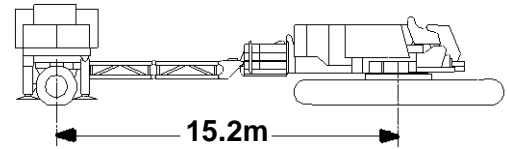


# Liftcrane Boom Capacities

**Boom No. 79 with 39.6m Mast No. 44**  
**76 750 kg Crane Counterweight**  
**27 220 kg Carbody Counterweight**  
**0 kg Thru 209 560 kg Wheeled Counterweight**  
**at 15.2m Position**  
**360 Degree Rating**

**Meets  
ANSI B30.5  
Requirements**

# MAX-ER 2000 On 2250



Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	54 430 kg Wheeled Counterweight Boom Capacity Kilograms	108 860 kg Wheeled Counterweight Boom Capacity Kilograms	164 200 kg Wheeled Counterweight Boom Capacity Kilograms	209 560 kg Wheeled Counterweight Boom Capacity Kilograms	Oper. Rad. Meters
<b>79.2m (260 Ft.) Boom</b>							
13.7	82.2	81.4	161 200 *	207 200 *	207 800 *	207 800 *	13.7
14.0	82.0	81.4	157 900 *	203 000 *	207 500 *	207 500 *	14.0
16.0	80.6	81.0	136 100 *	175 600 *	205 400 *	205 700 *	16.0
18.0	79.1	80.6	118 100	154 400 *	190 600 *	203 500 *	18.0
20.0	77.6	80.2	101 500	137 300 *	168 600 *	194 900 *	20.0
22.0	76.1	79.7	88 300	123 200 *	151 800 *	175 200 *	22.0
24.0	74.6	79.1	77 700	111 400 *	137 700 *	159 200 *	24.0
26.0	73.1	78.5	68 900	101 400 *	125 600 *	145 600 *	26.0
28.0	71.6	77.8	61 600	92 600	115 300 *	133 800 *	28.0
30.0	70.0	77.1	55 400	84 200	106 300 *	123 600 *	30.0
32.0	68.5	76.3	50 000	76 800	98 400 *	114 600 *	32.0
34.0	66.9	75.4	45 300	70 400	91 400 *	106 700 *	34.0
36.0	65.3	74.5	41 300	64 700	85 200 *	99 700 *	36.0
38.0	63.7	73.5	37 600	59 700	79 600 *	93 300 *	38.0
40.0	62.1	72.4	34 400	55 300	74 600 *	87 600 *	40.0
42.0	60.4	71.3	31 500	51 300	70 000 *	82 400 *	42.0
44.0	58.7	70.0	28 900	47 700	65 800 *	77 700 *	44.0
46.0	57.0	68.7	26 500	44 500	62 000 *	73 400 *	46.0
48.0	55.2	67.3	24 400	41 500	58 500 *	69 400 *	48.0
50.0	53.4	65.8	22 400	38 800	55 300 *	65 700 *	50.0
52.0	51.6	64.2	20 600	36 300	52 300	62 400 *	52.0
54.0	49.7	62.5	18 900	34 000	49 400	59 200 *	54.0
56.0	47.7	60.7	17 300	31 900	46 600	56 300 *	56.0
58.0	45.7	58.8	15 900	29 900	44 100	53 600 *	58.0
60.0	43.6	56.7	14 500	28 100	41 800	51 000 *	60.0
62.0	41.4	54.4	13 300	26 300	39 600	48 600 *	62.0
64.0	39.1	51.9	12 100	24 700	37 600	46 400 *	64.0
66.0	36.7	49.3	11 000	23 200	35 600	44 300 *	66.0
68.0	34.1	46.3	10 000	21 800	33 800	42 300 *	68.0
70.0	31.4	43.1	9 000	20 500	32 100	40 400 *	70.0
74.0	25.0	35.3	7 200	18 000	29 000	36 900 *	74.0

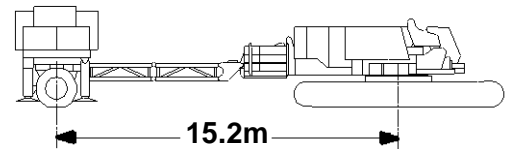


# Liftcrane Boom Capacities

Boom No. 79 with 39.6m Mast No. 44  
76 750 kg Crane Counterweight  
27 220 kg Carbody Counterweight  
0 kg Thru 209 560 kg Wheeled Counterweight  
at 15.2m Position  
360 Degree Rating

Meets  
ANSI B30.5  
Requirements

## MAX-ER 2000 On 2250



Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	54 430 kg Wheeled Counterweight Boom Capacity Kilograms	108 860 kg Wheeled Counterweight Boom Capacity Kilograms	164 200 kg Wheeled Counterweight Boom Capacity Kilograms	209 560 kg Wheeled Counterweight Boom Capacity Kilograms	Oper. Rad. Meters
<b>85.3m (280 Ft.) Boom</b>							
13.7	82.8	87.6	159 500 *	175 600 *	175 600 *	175 600 *	13.7
14.0	82.6	87.5	156 300 *	175 600 *	175 600 *	175 600 *	14.0
16.0	81.3	87.2	134 500 *	170 700 *	175 600 *	175 600 *	16.0
18.0	79.9	86.9	117 100	153 700 *	175 600 *	175 600 *	18.0
20.0	78.5	86.4	100 600	136 000 *	167 800 *	175 600 *	20.0
22.0	77.1	86.0	87 400	121 900 *	150 500 *	171 700 *	22.0
24.0	75.8	85.5	76 700	110 100 *	136 300 *	158 300 *	24.0
26.0	74.4	84.9	68 000	100 000 *	124 400 *	144 200 *	26.0
28.0	73.0	84.3	60 600	91 400	114 000 *	132 500 *	28.0
30.0	71.5	83.6	54 400	83 200	105 000 *	122 300 *	30.0
32.0	70.1	82.8	49 000	75 800	97 100 *	113 400 *	32.0
34.0	68.7	82.1	44 400	69 300	90 100 *	105 400 *	34.0
36.0	67.2	81.2	40 200	63 700	83 900 *	98 400 *	36.0
38.0	65.7	80.3	36 600	58 700	78 300 *	92 100 *	38.0
40.0	64.2	79.3	33 400	54 300	73 300 *	86 300 *	40.0
42.0	62.7	78.3	30 500	50 300	68 700 *	81 100 *	42.0
44.0	61.2	77.2	27 900	46 700	64 600 *	76 400 *	44.0
46.0	59.6	76.0	25 500	43 400	60 800 *	72 100 *	46.0
48.0	58.0	74.7	23 300	40 400	57 300 *	68 200 *	48.0
50.0	56.4	73.4	21 300	37 700	54 000 *	64 500 *	50.0
52.0	54.8	72.0	19 500	35 200	51 000 *	61 100 *	52.0
54.0	53.1	70.5	17 800	32 900	48 300	58 000 *	54.0
56.0	51.4	68.8	16 300	30 800	45 600	55 100 *	56.0
58.0	49.6	67.1	14 800	28 800	43 100	52 400 *	58.0
60.0	47.8	65.3	13 500	27 000	40 700	49 800 *	60.0
62.0	45.9	63.4	12 200	25 300	38 500	47 400 *	62.0
64.0	44.0	61.3	11 100	23 700	36 500	45 200 *	64.0
66.0	42.0	59.1	9 900	22 100	34 600	43 100 *	66.0
68.0	39.9	56.7	8 900	20 800	32 800	41 100 *	68.0
70.0	37.7	54.1	7 900	19 400	31 100	39 200 *	70.0
74.0	32.9	48.3	6 100	17 000	27 800 *	35 700 *	74.0
78.0	27.4	41.1		14 700	24 800 *	32 600 *	78.0
82.0	20.5	31.7		12 700	22 000 *	29 600 *	82.0

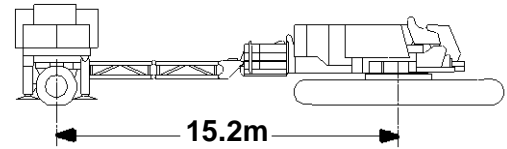


# Liftcrane Boom Capacities

**Boom No. 79 with 39.6m Mast No. 44**  
**76 750 kg Crane Counterweight**  
**27 220 kg Carbody Counterweight**  
**0 kg Thru 209 560 kg Wheeled Counterweight**  
**at 15.2m Position**  
**360 Degree Rating**

Meets  
ANSI B30.5  
Requirements

# MAX-ER 2000 On 2250



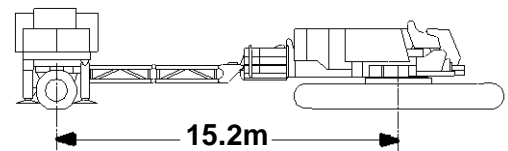
Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	54 430 kg Wheeled Counterweight Boom Capacity Kilograms	108 860 kg Wheeled Counterweight Boom Capacity Kilograms	164 200 kg Wheeled Counterweight Boom Capacity Kilograms	209 560 kg Wheeled Counterweight Boom Capacity Kilograms	Oper. Rad. Meters
<b>91.4m (300 Ft.) Boom</b>							
15.2	82.3	93.5	141 000 *	150 500 *	150 500 *	150 500 *	15.2
16.0	81.8	93.4	133 800 *	150 500 *	150 500 *	150 500 *	16.0
18.0	80.6	93.1	116 400 *	149 800 *	150 500 *	150 500 *	18.0
20.0	79.3	92.7	100 100	135 200 *	150 500 *	150 500 *	20.0
22.0	78.0	92.2	86 800	121 100 *	147 400 *	150 500 *	22.0
24.0	76.7	91.8	76 200	109 300 *	135 900 *	150 500 *	24.0
26.0	75.4	91.2	67 400	99 300 *	123 500 *	143 500 *	26.0
28.0	74.1	90.6	60 000	90 600	113 200 *	131 700 *	28.0
30.0	72.8	90.0	53 800	82 600	104 200 *	121 500 *	30.0
32.0	71.5	89.3	48 400	75 200	96 300 *	112 500 *	32.0
34.0	70.2	88.6	43 700	68 700	89 300 *	104 600 *	34.0
36.0	68.8	87.8	39 600	63 100	83 100 *	97 600 *	36.0
38.0	67.4	87.0	36 000	58 100	77 600 *	91 200 *	38.0
40.0	66.1	86.1	32 700	53 600	72 500 *	85 600 *	40.0
42.0	64.7	85.1	29 800	49 600	67 900 *	80 400 *	42.0
44.0	63.3	84.1	27 200	46 000	63 800 *	75 600 *	44.0
46.0	61.9	83.0	24 900	42 800	59 900 *	71 400 *	46.0
48.0	60.4	81.9	22 700	39 800	56 500 *	67 400 *	48.0
50.0	58.9	80.7	20 700	37 100	53 200 *	63 700 *	50.0
52.0	57.5	79.4	18 900	34 600	50 300 *	60 300 *	52.0
54.0	55.9	78.0	17 200	32 300	47 500 *	57 200 *	54.0
56.0	54.4	76.6	15 700	30 200	44 900	54 300 *	56.0
58.0	52.8	75.1	14 200	28 200	42 400	51 600 *	58.0
60.0	51.2	73.5	12 900	26 300	40 100	49 100 *	60.0
62.0	49.6	71.7	11 600	24 700	37 900	46 700 *	62.0
64.0	47.9	69.9	10 400	23 000	35 800	44 400 *	64.0
66.0	46.1	68.0	9 300	21 500	33 900	42 300 *	66.0
68.0	44.3	66.0	8 300	20 100	32 000 *	40 300 *	68.0
70.0	42.5	63.8	7 300	18 800	30 300 *	38 500 *	70.0
74.0	38.5	58.9	5 500	16 300	26 900 *	35 000 *	74.0
78.0	34.2	53.3		14 100 *	23 900 *	31 900 *	78.0
82.0	29.3	46.6		11 800 *	21 100 *	28 800 *	82.0
86.0	23.5	38.2		9 700 *	18 600 *	25 900 *	86.0

# Liftcrane Boom Capacities

Boom No. 79 with 39.6m Mast No. 44  
76 750 kg Crane Counterweight  
27 220 kg Carbody Counterweight  
0 kg Thru 209 560 kg Wheeled Counterweight  
at 15.2m Position  
360 Degree Rating

Meets  
ANSI B30.5  
Requirements

## MAX-ER 2000 On 2250



Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	108 860 kg Wheeled Counterweight Boom Capacity Kilograms	164 200 kg Wheeled Counterweight Boom Capacity Kilograms	209 560 kg Wheeled Counterweight Boom Capacity Kilograms	Oper. Rad. Meters
<b>97.5m (320 Ft.) Boom</b>						
15.2	82.8	99.7	129 200 *	129 200 *	129 200 *	15.2
16.0	82.4	99.6	129 200 *	129 200 *	129 200 *	16.0
18.0	81.2	99.3	129 200 *	129 200 *	129 200 *	18.0
20.0	80.0	98.9	128 600 *	129 200 *	129 200 *	20.0
22.0	78.8	98.5	120 500 *	129 200 *	129 200 *	22.0
24.0	77.6	98.0	108 000 *	129 200 *	129 200 *	24.0
26.0	76.4	97.5	97 900 *	122 300 *	129 200 *	26.0
28.0	75.1	97.0	89 300 *	111 900 *	127 800 *	28.0
30.0	73.9	96.4	81 500	102 900 *	120 700 *	30.0
32.0	72.7	95.8	74 100	95 000 *	111 300 *	32.0
34.0	71.4	95.1	67 700	88 000 *	103 400 *	34.0
36.0	70.2	94.4	62 000	81 800 *	96 300 *	36.0
38.0	68.9	93.6	57 000	76 200 *	90 000 *	38.0
40.0	67.7	92.8	52 600	71 200 *	84 200 *	40.0
42.0	66.4	91.9	48 600	66 600 *	79 100 *	42.0
44.0	65.1	90.9	45 000	62 500 *	74 400 *	44.0
46.0	63.8	89.9	41 700	58 700 *	70 000 *	46.0
48.0	62.4	88.9	38 700	55 200 *	66 100 *	48.0
50.0	61.1	87.8	36 000	52 000 *	62 500 *	50.0
52.0	59.7	86.6	33 500	49 000 *	59 100 *	52.0
54.0	58.4	85.4	31 200	46 200 *	56 000 *	54.0
56.0	56.9	84.0	29 100	43 700 *	53 000 *	56.0
58.0	55.5	82.7	27 100	41 300 *	50 300 *	58.0
60.0	54.1	81.2	25 300	38 800 *	47 800 *	60.0
62.0	52.6	79.7	23 600	36 600 *	45 400 *	62.0
64.0	51.1	78.1	22 000	34 400 *	43 200 *	64.0
66.0	49.5	76.3	20 400	32 400 *	41 100 *	66.0
68.0	47.9	74.5	19 000	30 500 *	39 100 *	68.0
70.0	46.3	72.6	17 700	28 700 *	37 200 *	70.0
74.0	42.9	68.4	15 000 *	25 300 *	33 800 *	74.0
78.0	39.3	63.7	12 600 *	22 300 *	30 400 *	78.0
82.0	35.3	58.3	10 300 *	19 600 *	27 200 *	82.0
86.0	30.9	52.0	8 200 *	17 100 *	24 400 *	86.0
90.0	25.8	44.3	6 300 *	14 800 *	21 800 *	90.0
94.0	19.5	34.3		12 700 *	19 300 *	94.0

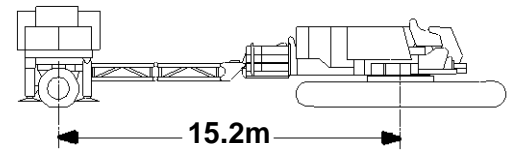


# Liftcrane Boom Capacities

Meets  
ANSI B30.5  
Requirements

# MAX-ER 2000 On 2250

Boom No. 79 with 39.6m Mast No. 44  
76 750 kg Crane Counterweight  
27 220 kg Carbody Counterweight  
0 kg Thru 209 560 kg Wheeled Counterweight  
at 15.2m Position  
360 Degree Rating



Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	108 860 kg Wheeled Counterweight Boom Capacity Kilograms	164 200 kg Wheeled Counterweight Boom Capacity Kilograms	209 560 kg Wheeled Counterweight Boom Capacity Kilograms	Oper. Rad. Meters
<b>103.6m (340 Ft.) Boom</b>						
16.8	82.4	105.6	112 000 *	112 000 *	112 000 *	16.8
18.0	81.7	105.4	112 000 *	112 000 *	112 000 *	18.0
20.0	80.6	105.1	112 000 *	112 000 *	112 000 *	20.0
22.0	79.4	104.7	112 000 *	112 000 *	112 000 *	22.0
24.0	78.3	104.3	106 800 *	112 000 *	112 000 *	24.0
26.0	77.2	103.8	97 100 *	112 000 *	112 000 *	26.0
28.0	76.0	103.3	88 400 *	110 000 *	112 000 *	28.0
30.0	74.9	102.8	80 800	102 200 *	112 000 *	30.0
32.0	73.7	102.2	73 400	94 200 *	108 500 *	32.0
34.0	72.6	101.5	67 000	87 200 *	102 400 *	34.0
36.0	71.4	100.9	61 300	80 900 *	95 500 *	36.0
38.0	70.2	100.1	56 300	75 400 *	89 100 *	38.0
40.0	69.0	99.4	51 900	70 300 *	83 400 *	40.0
42.0	67.9	98.5	47 900	65 800 *	78 200 *	42.0
44.0	66.6	97.7	44 300	61 700 *	73 500 *	44.0
46.0	65.4	96.7	41 000	57 900 *	69 200 *	46.0
48.0	64.2	95.8	38 000	54 400 *	65 300 *	48.0
50.0	63.0	94.7	35 300	51 100 *	61 600 *	50.0
52.0	61.7	93.6	32 800	48 200 *	58 300 *	52.0
54.0	60.4	92.5	30 500	45 400 *	55 100 *	54.0
56.0	59.1	91.3	28 400	42 800 *	52 200 *	56.0
58.0	57.8	90.0	26 400	40 200 *	49 500 *	58.0
60.0	56.5	88.7	24 600	37 800 *	47 000 *	60.0
62.0	55.1	87.3	22 800	35 500 *	44 600 *	62.0
64.0	53.8	85.8	21 200	33 400 *	42 400 *	64.0
66.0	52.4	84.3	19 800	31 400 *	40 200 *	66.0
68.0	51.0	82.7	18 300	29 500 *	38 300 *	68.0
70.0	49.5	80.9	16 800 *	27 700 *	36 400 *	70.0
74.0	46.5	77.2	14 000 *	24 400 *	32 800 *	74.0
78.0	43.3	73.1	11 600 *	21 300 *	29 300 *	78.0
82.0	39.9	68.5	9 300 *	18 700 *	26 200 *	82.0
86.0	36.3	63.2	7 300 *	16 200 *	23 500 *	86.0
90.0	32.2	57.2	5 400 *	13 900 *	20 900 *	90.0
94.0	27.7	50.0		11 800 *	18 400 *	94.0
98.0	22.3	41.1		9 800 *	16 200 *	98.0

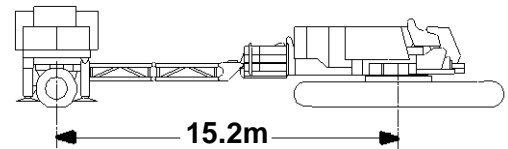


# Liftcrane Boom Capacities

Boom No. 79 with 39.6m Mast No. 44  
76 750 kg Crane Counterweight  
27 220 kg Carbody Counterweight  
0 kg Thru 209 560 kg Wheeled Counterweight  
at 15.2m Position  
360 Degree Rating

Meets  
ANSI B30.5  
Requirements

## MAX-ER 2000 On 2250



Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	108 860 kg Wheeled Counterweight Boom Capacity Kilograms	164 200 kg Wheeled Counterweight Boom Capacity Kilograms	209 560 kg Wheeled Counterweight Boom Capacity Kilograms	Oper. Rad. Meters
<b>109.7m (360 Ft.) Boom</b>						
16.8	82.8	111.8	97 200 *	97 200 *	97 200 *	16.8
18.0	82.2	111.6	97 200 *	97 200 *	97 200 *	18.0
20.0	81.1	111.3	97 200 *	97 200 *	97 200 *	20.0
22.0	80.0	110.9	97 200 *	97 200 *	97 200 *	22.0
24.0	79.0	110.5	97 200 *	97 200 *	97 200 *	24.0
26.0	77.9	110.1	96 000 *	97 200 *	97 200 *	26.0
28.0	76.8	109.6	87 200 *	97 200 *	97 200 *	28.0
30.0	75.8	109.1	79 600	97 200 *	97 200 *	30.0
32.0	74.7	108.5	72 400	92 900 *	97 200 *	32.0
34.0	73.6	107.9	66 000	85 900 *	96 000 *	34.0
36.0	72.5	107.3	60 300	79 700 *	91 200 *	36.0
38.0	71.4	106.6	55 300	74 100 *	86 700 *	38.0
40.0	70.3	105.9	50 800	69 100 *	82 200 *	40.0
42.0	69.1	105.1	46 800	64 500 *	76 900 *	42.0
44.0	68.0	104.3	43 200	60 400 *	72 200 *	44.0
46.0	66.9	103.4	39 900	56 500 *	67 900 *	46.0
48.0	65.7	102.5	37 000	53 100 *	64 000 *	48.0
50.0	64.6	101.6	34 200	49 800 *	60 300 *	50.0
52.0	63.4	100.6	31 700	46 900 *	56 900 *	52.0
54.0	62.2	99.5	29 400	44 000 *	53 800 *	54.0
56.0	61.0	98.4	27 300	41 200 *	50 900 *	56.0
58.0	59.8	97.2	25 300	38 600 *	48 200 *	58.0
60.0	58.6	96.0	23 500	36 200 *	45 700 *	60.0
62.0	57.4	94.7	21 700 *	33 900 *	43 300 *	62.0
64.0	56.1	93.3	19 900 *	31 800 *	41 100 *	64.0
66.0	54.8	91.9	18 200 *	29 700 *	39 000 *	66.0
68.0	53.5	90.4	16 700 *	27 900 *	37 000 *	68.0
70.0	52.2	88.9	15 200 *	26 100 *	35 000 *	70.0
74.0	49.5	85.5	12 500 *	22 800 *	31 200 *	74.0
78.0	46.6	81.8	10 000 *	19 800 *	27 800 *	78.0
82.0	43.6	77.8	7 700 *	17 100 *	24 700 *	82.0
86.0	40.5	73.2	5 700 *	14 600 *	21 900 *	86.0
90.0	37.1	68.1		12 300 *	19 300 *	90.0
94.0	33.4	62.3		10 300 *	16 900 *	94.0
98.0	29.3	55.5		8 300 *	14 700 *	98.0
102.0	24.5	47.3		6 500 *	12 700 *	102.0
106.0	18.7	36.8		4 800 *	10 800 *	106.0