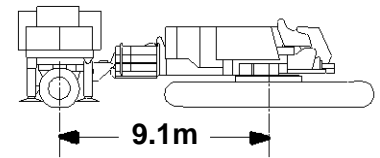


# Liftcrane Boom Capacities

Boom No. 79-44  
39.6m Mast No. 44  
76 750 kg Crane Counterweight  
27 220 kg Carbody Counterweight  
0 kg Thru 209 560 kg Wheeled  
Counterweight at 9.1m Position  
360 Degree Rating

Maximum Operating Wind Speed
14 m/s thru 73.2m Boom
10 m/s with 79.2m and 85.3m Boom
7 m/s with 91.4m thru 121.9m Boom
Jib Attached:
10 m/s thru 73.2m Boom
7 m/s with 79.2m thru 121.9m Boom

## MAX-ER 2000 On 2250



**LIFTING CAPACITIES:** Lifting capacities for various boom lengths and operating radii are for freely suspended loads and are calculated to comply with EN 13000, ISO 4305 and include factors based on a 4.0 degree tipping angle. 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 jib, all load blocks, hooks, weight ball, slings, etc., beneath boom point sheaves, is considered part of main boom load. Reeved hoist line included in boom weight. 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. 195224, Wire Rope Specification chart No. 8278-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.

**WIND CONDITIONS:** Machine may be operated in winds stated in Maximum Operating Wind Speed table 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 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. Wind speed to be measured at boom point elevation. **Operation is not permitted when wind is above conditions stated in Maximum**

**Operating Wind Speed table.** Park crane (upper inline with crawlers) with load block on ground or secured and position boom at 75 degrees. Lower boom onto blocking at ground level and haul in boom hoist wire rope just enough to tension mast straps when wind is above 22 m/s for boom lengths thru 109.7m (thru 91.4m with jib attached) or above 18 m/s for boom lengths 115.8m and 121.9m (16 m/s for boom lengths 97.5m thru 121.9m with jib attached). Lower mast onto blocking at ground level when wind is above 34 m/s.

**MACHINE TRAVEL:** Machine to travel on a firm, level and uniformly supporting surface with boom within boom angle range shown in capacity chart. *Travel with 100 percent of rated load prohibited.* Travel restricted to 90 percent of rated capacity with speed not to exceed 0.4 m/s. Refer to Maximum Allowable Travel Specification chart No. 9257-A when operating without load.

**MAX PERMISSIBLE SLEWING SPEED:** Slewing operation with working load shall not exceed 0.4 m/s as measured at the operating radius. The amount of time to brake or start slewing a working load shall not be less than 2.5 seconds.

**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.

Consult jib chart for jib capacities. Upper boom point cannot be used when jib is attached.

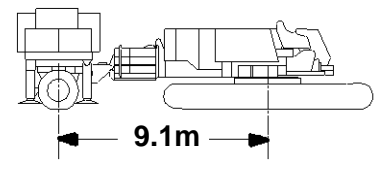


# Liftcrane Boom Capacities

# MAX-ER 2000 On 2250

Boom No. 79-44  
39.6m Mast No. 44  
76 750 kg Crane Counterweight  
27 220 kg Carbody Counterweight  
0 kg Thru 209 560 kg Wheeled  
Counterweight at 9.1m Position  
360 Degree Rating

**Maximum Operating Wind Speed**  
14 m/s thru 73.2m Boom  
10 m/s with 79.2m and 85.3m Boom  
7 m/s with 91.4m thru 121.9m Boom  
**Jib Attached:**  
10 m/s thru 73.2m Boom  
7 m/s with 79.2m thru 121.9m Boom



Deduct From Capacities When Jib Is Attached	
Jib Length	Jib No. 132
12.2m	2 900 kg
18.3m	3 720 kg
24.4m	4 670 kg
30.5m	5 810 kg
36.6m	6 940 kg

Boom Catwalks Deduct
Deduct 400 kg from capacities when boom catwalks are attached.

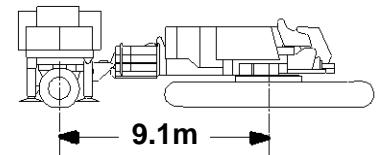
Maximum Boom and Jib Lengths Lifted Unassisted					
Over End of Blocked Crawlers		Over End of Unblocked Crawlers		Over Side of Crawlers	
Boom Length	Jib No. 132	Boom Length	Jib No. 132	Boom Length	Jib No. 132
0 kg Wheeled Counterweight					
67.1m	—	(b) 67.1m	—	67.1m	—
61.0m	30.5m	61.0m	12.2m	61.0m	12.2m
54 430 kg Wheeled Counterweight					
91.4m	<b>Not Allowed</b>	(c) 91.4m	<b>Not Allowed</b>	(a)(b) 91.4m	<b>Not Allowed</b>
		85.3m	<b>Not Allowed</b>	85.3m	<b>Not Allowed</b>
108 860 kg Wheeled Counterweight					
109.7m	—	(a)(b) 103.6m	—	(a)(b) 103.6m	—
(c) 103.6m	12.2m	(c) 97.5m	12.2m	(c) 97.5m	12.2m
103.6m	—	97.5m	—	97.5m	—
(b) 97.5m	30.5m	91.4m	36.6m	91.4m	36.6m
97.5m	24.4m				
91.4m	36.6m				
164 200 kg Wheeled Counterweight					
121.9m	<b>Not Allowed</b>	121.9m	<b>Not Allowed</b>	121.9m	<b>Not Allowed</b>
209 560 kg Wheeled Counterweight					
121.9m	—	121.9m	—	121.9m	—
115.8m	—	115.8m	—	115.8m	—
109.7m	—	109.7m	—	109.7m	—
103.6m	18.3m	103.6m	18.3m	103.6m	18.3m
97.5m	36.6m	97.5m	36.6m	97.5m	36.6m

Load block, hook and weight ball on ground at start.  
(a) Upper boom point must be removed.  
(b) Machine must be equipped with optional upperworks jacking cylinders.  
(c) Raising reserve is less than 10% tip weight.

# Liftcrane Boom Capacities

# MAX-ER 2000 On 2250

Boom No. 79-44  
39.6m Mast No. 44  
76 750 kg Crane Counterweight  
27 220 kg Carbody Counterweight  
0 kg Thru 209 560 kg Wheeled  
Counterweight at 9.1m Position  
360 Degree Rating



**Maximum Operating Wind Speed**  
 14 m/s thru 73.2m Boom  
 10 m/s with 79.2m and 85.3m Boom  
 7 m/s with 91.4m thru 121.9m Boom  
**Jib Attached:**  
 10 m/s thru 73.2m Boom  
 7 m/s with 79.2m thru 121.9m

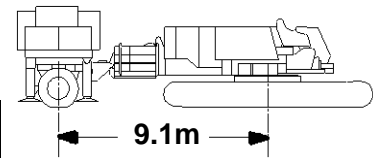
Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	0 kg Wheeled Counterweight Boom Capacity Kilograms	54 430 kg Wheeled Counterweight Boom Capacity Kilograms	108 860 kg Wheeled Counterweight Boom Capacity Kilograms	164 200 kg Wheeled Counterweight Boom Capacity Kilograms	209 560 kg Wheeled Counterweight Boom Capacity Kilograms	Oper. Rad. Meters
<b>61.0m (200 Ft.) Boom</b>								
11.6	81.4	63.2	93 400	151 000	189 600 *	218 400 *	242 200 *	11.6
12.0	81.0	63.2	89 700	145 500	182 700 *	210 700 *	233 700 *	12.0
14.0	79.1	62.8	74 400	122 800	155 000 *	179 200 *	199 000 *	14.0
16.0	77.1	62.3	62 800	105 600	134 100 *	155 400 *	172 800 *	16.0
18.0	75.2	61.8	53 700	92 000	117 700 *	136 700 *	152 200 *	18.0
20.0	73.2	61.2	46 300	81 000	104 500 *	121 600 *	135 700 *	20.0
22.0	71.3	60.5	40 100	71 900	93 600 *	109 200 *	122 000 *	22.0
24.0	69.2	59.8	35 000	64 200	84 500 *	98 800 *	110 600 *	24.0
26.0	67.2	59.0	30 600	57 700	76 800 *	90 000 *	100 900 *	26.0
28.0	65.1	58.0	26 900	52 000	70 100 *	82 500 *	92 500 *	28.0
30.0	63.0	57.0	23 600	46 500	64 300 *	75 800 *	85 300 *	30.0
32.0	60.9	55.9	20 700	41 700	59 200 *	70 100 *	78 900 *	32.0
34.0	58.7	54.7	18 200	37 500	54 800 *	65 000 *	73 400 *	34.0
36.0	56.4	53.4	15 800	33 900	50 700	60 500 *	68 400 *	36.0
38.0	54.1	52.0	13 700	30 700	46 600	56 400 *	63 900 *	38.0
40.0	51.8	50.4	11 800	27 900	42 900	52 700 *	59 900 *	40.0
42.0	49.3	48.7	10 100	25 400	39 600	49 500 *	56 200 *	42.0
44.0	46.7	46.9	8 600	23 100	36 700	46 500 *	53 000 *	44.0
46.0	44.1	44.8	7 300	21 100	34 000	43 800 *	50 000 *	46.0
48.0	41.2	42.6	6 000	19 300	31 600	41 300 *	47 300 *	48.0
50.0	38.2	40.1	5 000	17 600	29 400	39 000 *	44 700 *	50.0
52.0	35.0	37.4	4 000	16 200	27 500	37 000 *	42 500 *	52.0
54.0	31.5	34.2	3 200	14 900	25 700	35 000 *	40 400 *	54.0
56.0	27.6	30.6	2 400	13 700	24 100	33 300 *	38 400 *	56.0
58.0	23.1	26.2		12 700	22 700	31 800 *	36 700 *	58.0



# Liftcrane Boom Capacities

# MAX-ER 2000 On 2250

**Boom No. 79-44**  
**39.6m Mast No. 44**  
**76 750 kg Crane Counterweight**  
**27 220 kg Carbody Counterweight**  
**0 kg Thru 209 560 kg Wheeled Counterweight at 9.1m Position**  
**360 Degree Rating**



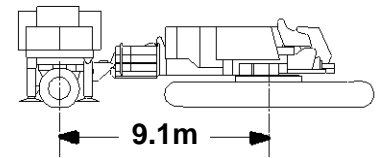
**Maximum Operating Wind Speed**  
14 m/s thru 73.2m Boom  
10 m/s with 79.2m and 85.3m Boom  
7 m/s with 91.4m thru 121.9m Boom  
**Jib Attached:**  
10 m/s thru 73.2m Boom  
7 m/s with 79.2m thru 121.9m Boom

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	82.2	69.4	88 400	144 100	188 400 *	217 300 *	241 000 *	11.6
12.0	81.8	69.3	84 900	138 900	181 600 *	209 600 *	232 600 *	12.0
14.0	80.1	69.0	70 500	117 600	154 000 *	178 100 *	197 900 *	14.0
16.0	78.3	68.6	59 500	101 200	133 100 *	154 300 *	171 700 *	16.0
18.0	76.6	68.1	50 700	88 200	116 700 *	135 600 *	151 200 *	18.0
20.0	74.8	67.6	43 700	77 600	103 500 *	120 600 *	134 600 *	20.0
22.0	73.0	67.0	37 700	68 900	92 600 *	108 200 *	121 000 *	22.0
24.0	71.2	66.3	32 800	61 500	83 500 *	97 800 *	109 600 *	24.0
26.0	69.4	65.6	28 500	55 200	75 700 *	89 000 *	99 900 *	26.0
28.0	67.5	64.7	24 900	49 700	69 100 *	81 400 *	91 500 *	28.0
30.0	65.7	63.8	21 700	45 000	63 300 *	74 800 *	84 300 *	30.0
32.0	63.8	62.9	18 900	40 600	58 200 *	69 000 *	77 900 *	32.0
34.0	61.8	61.8	16 400	36 400	53 700 *	63 900 *	72 300 *	34.0
36.0	59.9	60.6	14 200	32 800	49 600	59 400 *	67 300 *	36.0
38.0	57.9	59.4	12 200	29 600	45 500	55 300 *	62 800 *	38.0
40.0	55.8	58.1	10 500	26 700	41 700	51 700 *	58 800 *	40.0
42.0	53.7	56.6	8 900	24 200	38 500	48 400 *	55 200 *	42.0
44.0	51.5	55.0	7 400	21 900	35 500	45 400 *	51 900 *	44.0
46.0	49.3	53.3	6 000	19 900	32 700	42 700 *	48 900 *	46.0
48.0	46.9	51.5	4 800	18 000	30 400	40 200 *	46 100 *	48.0
50.0	44.5	49.5	3 700	16 300	28 100	37 900 *	43 600 *	50.0
52.0	42.0	47.3	2 700	14 800	26 100	35 800 *	41 300 *	52.0
54.0	39.3	44.9		13 500	24 300	33 900 *	39 200 *	54.0
56.0	36.5	42.3		12 200	22 700	32 100 *	37 200 *	56.0
58.0	33.5	39.3		11 100	21 200	30 500 *	35 400 *	58.0
60.0	30.1	36.0		10 100	19 800	29 000 *	33 700 *	60.0
62.0	26.5	32.2		9 200	18 600	27 600 *	32 200 *	62.0
64.0	22.2	27.6		8 400	17 500	26 400 *	30 800 *	64.0

# Liftcrane Boom Capacities

## MAX-ER 2000 On 2250

Boom No. 79-44  
39.6m Mast No. 44  
76 750 kg Crane Counterweight  
27 220 kg Carbody Counterweight  
0 kg Thru 209 560 kg Wheeled  
Counterweight at 9.1m Position  
360 Degree Rating



**Maximum Operating Wind Speed**  
 14 m/s thru 73.2m Boom  
 10 m/s with 79.2m and 85.3m Boom  
 7 m/s with 91.4m thru 121.9m Boom  
**Jib Attached:**  
 10 m/s thru 73.2m Boom  
 7 m/s with 79.2m thru 121.9m

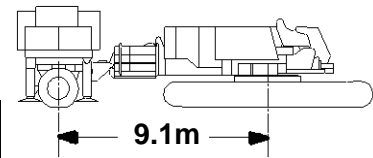
Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	54 430 kg Wheeled Counterweight Boom Capacity Kilograms	108 860 kg Wheeled Counterweight Boom Capacity Kilograms	164 200 kg Wheeled Counterweight Boom Capacity Kilograms	209 560 kg Wheeled Counterweight Boom Capacity Kilograms	Oper. Rad. Meters
<b>73.2m (240 Ft.) Boom</b>							
11.6	82.8	75.6	137 700	187 300 *	216 200 *	233 700 *	11.6
12.0	82.5	75.5	132 800	180 500 *	208 500 *	229 500 *	12.0
14.0	80.9	75.2	112 600	152 800 *	177 000 *	196 800 *	14.0
16.0	79.3	74.8	97 000	131 900 *	153 200 *	170 600 *	16.0
18.0	77.7	74.4	84 500	115 600 *	134 500 *	150 100 *	18.0
20.0	76.1	73.9	74 400	102 400 *	119 500 *	133 500 *	20.0
22.0	74.5	73.3	65 900	91 500 *	107 100 *	119 900 *	22.0
24.0	72.8	72.7	58 700	82 300 *	96 700 *	108 500 *	24.0
26.0	71.2	72.1	52 600	74 600 *	87 900 *	98 700 *	26.0
28.0	69.5	71.3	47 300	68 000 *	80 300 *	90 400 *	28.0
30.0	67.8	70.5	42 700	62 100 *	73 700 *	83 100 *	30.0
32.0	66.1	69.6	38 600	57 100 *	67 900 *	76 800 *	32.0
34.0	64.4	68.7	35 000	52 600 *	62 800 *	71 200 *	34.0
36.0	62.6	67.6	31 600	48 400	58 300 *	66 200 *	36.0
38.0	60.8	66.5	28 400	44 300	54 200 *	61 700 *	38.0
40.0	59.0	65.3	25 500	40 600	50 500 *	57 600 *	40.0
42.0	57.1	64.1	22 900	37 200	47 200 *	54 000 *	42.0
44.0	55.2	62.7	20 700	34 200	44 200 *	50 700 *	44.0
46.0	53.3	61.2	18 600	31 500	41 400 *	47 700 *	46.0
48.0	51.3	59.6	16 700	29 000	38 900 *	44 900 *	48.0
50.0	49.2	57.9	15 000	26 800	36 700 *	42 400 *	50.0
52.0	47.1	56.1	13 400	24 700	34 500 *	40 000 *	52.0
54.0	44.9	54.1	12 000	22 900	32 600 *	37 900 *	54.0
56.0	42.6	52.0	10 700	21 200	30 800 *	35 900 *	56.0
58.0	40.2	49.7	9 500	19 600	29 100 *	34 000 *	58.0
60.0	37.7	47.1	8 500	18 200	27 500 *	32 300 *	60.0
62.0	35.0	44.3	7 500	16 800	26 100 *	30 700 *	62.0
64.0	32.1	41.2	6 600	15 600	24 700 *	29 300 *	64.0
68.0	25.5	33.7	5 000	13 600	22 100 *	26 600 *	68.0



# Liftcrane Boom Capacities

# MAX-ER 2000 On 2250

Boom No. 79-44  
39.6m Mast No. 44  
76 750 kg Crane Counterweight  
27 220 kg Carbody Counterweight  
0 kg Thru 209 560 kg Wheeled  
Counterweight at 9.1m Position  
360 Degree Rating



**Maximum Operating Wind Speed**  
14 m/s thru 73.2m Boom  
10 m/s with 79.2m and 85.3m Boom  
7 m/s with 91.4m thru 121.9m Boom

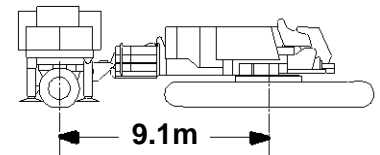
**Jib Attached:**  
10 m/s thru 73.2m Boom  
7 m/s with 79.2m thru 121.9m Boom

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>							
12.2	82.9	81.6	126 200	172 900	202 800 *	202 800 *	12.2
14.0	81.6	81.4	109 200	150 700	177 100 *	198 100 *	14.0
16.0	80.2	81.0	94 300	131 300	153 200 *	170 600 *	16.0
18.0	78.7	80.6	82 400	115 500	134 500 *	150 100 *	18.0
20.0	77.2	80.2	72 600	102 400 *	119 500 *	133 500 *	20.0
22.0	75.7	79.7	64 400	91 500 *	107 100 *	119 900 *	22.0
24.0	74.2	79.1	57 400	82 300 *	96 700 *	108 500 *	24.0
26.0	72.7	78.5	51 500	74 600 *	87 900 *	98 700 *	26.0
28.0	71.2	77.8	46 400	68 000 *	80 300 *	90 400 *	28.0
30.0	69.6	77.1	41 800	62 100 *	73 700 *	83 100 *	30.0
32.0	68.1	76.3	37 800	57 100 *	67 900 *	76 800 *	32.0
34.0	66.5	75.4	34 300	52 600 *	62 800 *	71 200 *	34.0
36.0	64.9	74.5	31 100	48 500	58 200 *	66 100 *	36.0
38.0	63.3	73.5	28 300	44 400	54 200 *	61 700 *	38.0
40.0	61.6	72.4	25 700	40 600	50 500 *	57 600 *	40.0
42.0	60.0	71.3	23 000	37 300	47 200 *	53 900 *	42.0
44.0	58.3	70.0	20 700	34 300	44 100 *	50 600 *	44.0
46.0	56.5	68.7	18 600	31 500	41 400 *	47 600 *	46.0
48.0	54.8	67.3	16 700	29 000	38 900 *	44 800 *	48.0
50.0	53.0	65.8	15 000	26 800	36 600 *	42 300 *	50.0
52.0	51.1	64.2	13 400	24 700	34 400 *	39 900 *	52.0
54.0	49.2	62.5	12 000	22 800	32 400 *	37 700 *	54.0
56.0	47.3	60.7	10 600	21 100	30 600 *	35 700 *	56.0
58.0	45.2	58.7	9 400	19 500	28 900 *	33 800 *	58.0
60.0	43.1	56.6	8 300	18 000	27 300 *	32 100 *	60.0
62.0	41.0	54.4	7 300	16 600	25 900 *	30 500 *	62.0
64.0	38.7	51.9	6 300	15 400	24 400 *	29 000 *	64.0
68.0	33.7	46.3	4 600	13 100	21 600 *	26 200 *	68.0
72.0	27.9	39.4	3 200	11 200	19 200 *	23 900 *	72.0
76.0	20.7	30.3	2 100	9 700	17 100 *	21 800 *	76.0

# Liftcrane Boom Capacities

## MAX-ER 2000 On 2250

Boom No. 79-44  
39.6m Mast No. 44  
76 750 kg Crane Counterweight  
27 220 kg Carbody Counterweight  
0 kg Thru 209 560 kg Wheeled  
Counterweight at 9.1m Position  
360 Degree Rating



**Maximum Operating Wind Speed**  
 14 m/s thru 73.2m Boom  
 10 m/s with 79.2m and 85.3m Boom  
 7 m/s with 91.4m thru 121.9m Boom  
**Jib Attached:**  
 10 m/s thru 73.2m Boom  
 7 m/s with 79.2m thru 121.9m

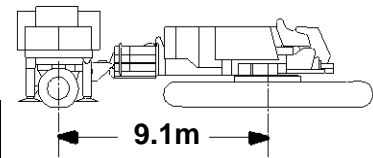
Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	54 430 kg Wheeled Counterweight Boom Capacity Kilograms	108 860 kg Wheeled Counterweight Boom Capacity Kilograms	164 200 kg Wheeled Counterweight Boom Capacity Kilograms	209 560 kg Wheeled Counterweight Boom Capacity Kilograms	Oper. Rad. Meters
<b>85.3m (280 Ft.) Boom</b>							
13.7	82.4	87.6	108 600	149 800	169 400 *	169 400 *	13.7
14.0	82.2	87.5	106 500	147 000	168 000 *	169 100 *	14.0
16.0	80.9	87.2	92 100	128 300	155 000 *	165 700 *	16.0
18.0	79.5	86.9	80 700	113 400	134 800 *	151 300 *	18.0
20.0	78.1	86.4	71 300	101 100	119 800 *	133 800 *	20.0
22.0	76.7	86.0	63 400	90 800	107 400 *	120 200 *	22.0
24.0	75.4	85.4	56 600	82 100	97 000 *	108 700 *	24.0
26.0	74.0	84.9	50 900	74 600	88 200 *	99 100 *	26.0
28.0	72.6	84.3	45 900	68 000	80 600 *	90 700 *	28.0
30.0	71.1	83.6	41 400	62 200	74 000 *	83 500 *	30.0
32.0	69.7	82.8	37 500	57 200	68 200 *	77 100 *	32.0
34.0	68.3	82.0	34 000	52 600	63 100 *	71 500 *	34.0
36.0	66.8	81.2	30 900	48 600	58 500 *	66 500 *	36.0
38.0	65.3	80.3	28 200	44 900	54 500 *	61 900 *	38.0
40.0	63.8	79.3	25 600	41 100	50 800 *	57 900 *	40.0
42.0	62.3	78.3	23 300	37 800	47 500 *	54 300 *	42.0
44.0	60.8	77.2	21 200	34 700	44 400 *	50 900 *	44.0
46.0	59.2	76.0	19 100	32 000	41 700 *	47 900 *	46.0
48.0	57.6	74.7	17 200	29 500	39 100 *	45 100 *	48.0
50.0	56.0	73.4	15 400	27 200	36 800 *	42 500 *	50.0
52.0	54.4	72.0	13 800	25 100	34 600 *	40 200 *	52.0
54.0	52.7	70.4	12 300	23 200	32 600 *	37 900 *	54.0
56.0	51.0	68.8	11 000	21 400	30 800 *	35 900 *	56.0
58.0	49.2	67.1	9 700	19 800	29 100 *	34 000 *	58.0
60.0	47.4	65.3	8 600	18 300	27 500 *	32 300 *	60.0
62.0	45.5	63.4	7 500	16 900	26 000 *	30 600 *	62.0
64.0	43.6	61.3	6 500	15 600	24 500 *	29 100 *	64.0
68.0	39.5	56.7	4 800	13 300	21 700 *	26 300 *	68.0
72.0	35.0	51.3	3 300	11 300	19 200 *	23 900 *	72.0
76.0	29.9	44.9	2 000	9 600	17 000 *	21 700 *	76.0
80.0	23.8	36.8		8 100	15 100 *	19 500 *	80.0



# Liftcrane Boom Capacities

# MAX-ER 2000 On 2250

**Boom No. 79-44**  
**39.6m Mast No. 44**  
**76 750 kg Crane Counterweight**  
**27 220 kg Carbody Counterweight**  
**0 kg Thru 209 560 kg Wheeled Counterweight at 9.1m Position**  
**360 Degree Rating**



**Maximum Operating Wind Speed**  
14 m/s thru 73.2m Boom  
10 m/s with 79.2m and 85.3m Boom  
7 m/s with 91.4m thru 121.9m Boom

**Jib Attached:**  
10 m/s thru 73.2m Boom  
7 m/s with 79.2m thru 121.9m Boom

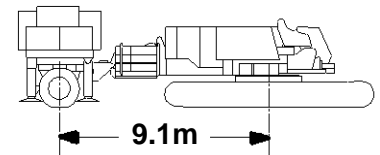
Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	54 430 kg Wheeled Counterweight Boom Capacity Kilograms	108 860 kg Wheeled Counterweight Boom Capacity Kilograms	164 200 kg Wheeled Counterweight Boom Capacity Kilograms	209 560 kg Wheeled Counterweight Boom Capacity Kilograms	Oper. Rad. Meters
<b>91.4m (300 Ft.) Boom</b>							
13.7	82.9	93.7	105 100	142 600 *	142 600 *	142 600 *	13.7
14.0	82.7	93.7	103 100	140 400	142 500 *	142 500 *	14.0
16.0	81.5	93.4	89 300	125 000	141 800 *	141 800 *	16.0
18.0	80.2	93.1	78 400	110 400	134 700 *	141 200 *	18.0
20.0	78.9	92.7	69 300	98 600	119 500 *	133 900 *	20.0
22.0	77.6	92.2	61 600	88 600	107 100 *	119 900 *	22.0
24.0	76.4	91.8	55 100	80 100	96 800 *	108 500 *	24.0
26.0	75.1	91.2	49 500	72 800	87 900 *	98 800 *	26.0
28.0	73.8	90.6	44 600	66 400	80 400 *	90 400 *	28.0
30.0	72.4	90.0	40 300	60 800	73 800 *	83 200 *	30.0
32.0	71.1	89.3	36 500	55 900	68 000 *	76 800 *	32.0
34.0	69.8	88.6	33 100	51 500	62 800 *	71 200 *	34.0
36.0	68.4	87.8	30 000	47 500	58 300 *	66 200 *	36.0
38.0	67.1	87.0	27 300	43 900	54 200 *	61 700 *	38.0
40.0	65.7	86.1	24 800	40 600	50 500 *	57 600 *	40.0
42.0	64.3	85.1	22 500	37 600	47 200 *	54 000 *	42.0
44.0	62.9	84.1	20 500	34 500	44 200 *	50 700 *	44.0
46.0	61.5	83.0	18 600	31 800	41 400 *	47 600 *	46.0
48.0	60.0	81.9	16 800	29 200	38 800 *	44 800 *	48.0
50.0	58.6	80.7	15 200	27 000	36 500 *	42 200 *	50.0
52.0	57.1	79.4	13 600	24 800	34 400 *	39 900 *	52.0
54.0	55.6	78.0	12 100	22 900	32 400 *	37 700 *	54.0
56.0	54.0	76.6	10 700	21 100	30 500 *	35 600 *	56.0
58.0	52.5	75.1	9 500	19 500	28 800 *	33 800 *	58.0
60.0	50.8	73.4	8 300	18 000	27 200 *	32 000 *	60.0
62.0	49.2	71.7	7 200	16 600	25 600 *	30 300 *	62.0
64.0	47.5	69.9	6 200	15 300	24 100 *	28 800 *	64.0
68.0	44.0	65.9	4 400	12 900	21 200 *	25 900 *	68.0
72.0	40.2	61.4	2 900	10 900	18 600 *	23 500 *	72.0
76.0	36.1	56.2		9 100	16 400 *	21 100 *	76.0
80.0	31.5	50.1		7 500	14 400 *	18 800 *	80.0
84.0	26.2	42.7		6 200	12 700 *	16 900 *	84.0
88.0	19.6	33.0		5 000	11 200 *	15 200 *	88.0



# Liftcrane Boom Capacities

# MAX-ER 2000 On 2250

Boom No. 79-44  
39.6m Mast No. 44  
76 750 kg Crane Counterweight  
27 220 kg Carbody Counterweight  
0 kg Thru 209 560 kg Wheeled  
Counterweight at 9.1m Position  
360 Degree Rating



**Maximum Operating Wind Speed**  
 14 m/s thru 73.2m Boom  
 10 m/s with 79.2m and 85.3m Boom  
 7 m/s with 91.4m thru 121.9m Boom  
**Jib Attached:**  
 10 m/s thru 73.2m Boom  
 7 m/s with 79.2m thru 121.9m

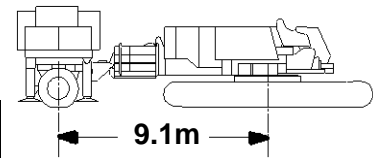
Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	108 860 kg Wheeled Counterweight Boom Capacity Kilograms	164 200 kg Wheeled Counterweight Boom Capacity Kilograms	209 560 kg Wheeled Counterweight Boom Capacity Kilograms	Oper. Rad. Meters
<b>97.5m (320 Ft.) Boom</b>						
15.2	82.5	99.7	125 500	127 400 *	127 400 *	15.2
16.0	82.0	99.6	119 700	126 900 *	126 900 *	16.0
18.0	80.8	99.2	105 700	125 700 *	125 700 *	18.0
20.0	79.6	98.9	94 300	118 100 *	124 400 *	20.0
22.0	78.4	98.5	84 600	105 400 *	119 300 *	22.0
24.0	77.2	98.0	76 400	95 000 *	106 800 *	24.0
26.0	76.0	97.5	69 300	86 300 *	97 100 *	26.0
28.0	74.8	97.0	63 100	78 600 *	88 800 *	28.0
30.0	73.6	96.4	57 600	72 000 *	81 500 *	30.0
32.0	72.3	95.8	52 800	66 300 *	75 100 *	32.0
34.0	71.1	95.1	48 400	61 100 *	69 500 *	34.0
36.0	69.9	94.4	44 500	56 600 *	64 500 *	36.0
38.0	68.6	93.6	41 000	52 500 *	60 000 *	38.0
40.0	67.3	92.7	37 800	48 800 *	56 000 *	40.0
42.0	66.0	91.9	34 900	45 500 *	52 300 *	42.0
44.0	64.7	90.9	32 200	42 500 *	48 900 *	44.0
46.0	63.4	89.9	29 800	39 700 *	45 900 *	46.0
48.0	62.1	88.9	27 400	37 100 *	43 100 *	48.0
50.0	60.8	87.8	25 100	34 800 *	40 500 *	50.0
52.0	59.4	86.6	23 000	32 600 *	38 100 *	52.0
54.0	58.0	85.3	21 000	30 600 *	35 900 *	54.0
56.0	56.6	84.0	19 200	28 700 *	33 900 *	56.0
58.0	55.2	82.7	17 600	26 800 *	32 000 *	58.0
60.0	53.7	81.2	16 000	25 000 *	30 200 *	60.0
62.0	52.2	79.7	14 600	23 200 *	28 500 *	62.0
64.0	50.7	78.0	13 300	21 700 *	27 000 *	64.0
68.0	47.6	74.5	10 900	18 800 *	24 000 *	68.0
72.0	44.3	70.6	8 800	16 200 *	21 100 *	72.0
76.0	40.8	66.1	7 000	13 900 *	18 600 *	76.0
80.0	37.0	61.1	5 300	11 900 *	16 300 *	80.0
84.0	32.8	55.2	3 900	10 100 *	14 300 *	84.0
88.0	28.1	48.3	2 700	8 500 *	12 500 *	88.0
92.0	22.5	39.7		7 100 *	10 900 *	92.0



# Liftcrane Boom Capacities

# MAX-ER 2000 On 2250

Boom No. 79-44  
39.6m Mast No. 44  
76 750 kg Crane Counterweight  
27 220 kg Carbody Counterweight  
0 kg Thru 209 560 kg Wheeled  
Counterweight at 9.1m Position  
360 Degree Rating



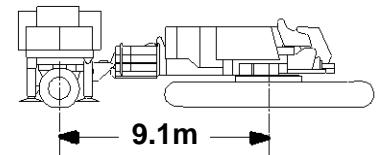
**Maximum Operating Wind Speed**  
14 m/s thru 73.2m Boom  
10 m/s with 79.2m and 85.3m Boom  
7 m/s with 91.4m thru 121.9m Boom  
**Jib Attached:**  
10 m/s thru 73.2m Boom  
7 m/s with 79.2m thru 121.9m Boom

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>						
15.2	82.9	105.8	109 300 *	109 300 *	109 300 *	15.2
16.0	82.5	105.7	109 200 *	109 200 *	109 200 *	16.0
18.0	81.4	105.4	103 700	108 900 *	108 900 *	18.0
20.0	80.2	105.1	92 300	108 200 *	108 200 *	20.0
22.0	79.1	104.7	83 000	105 500 *	107 500 *	22.0
24.0	78.0	104.3	75 100	95 300 *	105 700 *	24.0
26.0	76.9	103.8	68 100	86 300 *	97 200 *	26.0
28.0	75.7	103.3	62 100	78 800 *	88 900 *	28.0
30.0	74.6	102.8	56 700	72 200 *	81 600 *	30.0
32.0	73.4	102.2	52 000	66 400 *	75 300 *	32.0
34.0	72.3	101.5	47 700	61 300 *	69 600 *	34.0
36.0	71.1	100.8	43 900	56 700 *	64 600 *	36.0
38.0	69.9	100.1	40 400	52 600 *	60 100 *	38.0
40.0	68.7	99.3	37 300	48 900 *	56 000 *	40.0
42.0	67.5	98.5	34 400	45 600 *	52 400 *	42.0
44.0	66.3	97.7	31 800	42 600 *	49 000 *	44.0
46.0	65.1	96.7	29 400	39 800 *	46 000 *	46.0
48.0	63.9	95.8	27 200	37 200 *	43 200 *	48.0
50.0	62.6	94.7	25 100	34 900 *	40 600 *	50.0
52.0	61.4	93.6	23 200	32 700 *	38 200 *	52.0
54.0	60.1	92.5	21 300	30 700 *	36 000 *	54.0
56.0	58.8	91.3	19 500	28 800 *	33 900 *	56.0
58.0	57.5	90.0	17 800	26 900 *	32 000 *	58.0
60.0	56.2	88.7	16 300	25 000 *	30 300 *	60.0
62.0	54.8	87.3	14 800	23 300 *	28 600 *	62.0
64.0	53.4	85.8	13 500	21 700 *	27 000 *	64.0
68.0	50.6	82.6	11 000	18 800 *	24 000 *	68.0
72.0	47.7	79.1	8 900	16 200 *	21 100 *	72.0
76.0	44.6	75.2	7 000	13 900 *	18 500 *	76.0
80.0	41.3	70.8	5 300	11 800 *	16 200 *	80.0
84.0	37.8	65.9	3 800	9 900 *	14 100 *	84.0
88.0	34.0	60.3	2 500	8 200 *	12 200 *	88.0
92.0	29.7	53.7		6 700 *	10 600 *	92.0
96.0	24.8	45.8		5 400 *	9 000 *	96.0
100.0	18.7	35.5		4 200 *	7 700 *	100.0

# Liftcrane Boom Capacities

## MAX-ER 2000 On 2250

Boom No. 79-44  
39.6m Mast No. 44  
76 750 kg Crane Counterweight  
27 220 kg Carbody Counterweight  
0 kg Thru 209 560 kg Wheeled  
Counterweight at 9.1m Position  
360 Degree Rating



**Maximum Operating Wind Speed**  
 14 m/s thru 73.2m Boom  
 10 m/s with 79.2m and 85.3m Boom  
 7 m/s with 91.4m thru 121.9m Boom  
**Jib Attached:**  
 10 m/s thru 73.2m Boom  
 7 m/s with 79.2m thru 121.9m

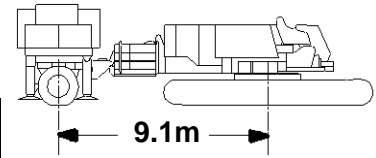
Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	108 860 kg Wheeled Counterweight Boom Capacity Kilograms	164 200 kg Wheeled Counterweight Boom Capacity Kilograms	209 560 kg Wheeled Counterweight Boom Capacity Kilograms	Oper. Rad. Meters
<b>109.7m (360 Ft.) Boom</b>						
16.8	82.5	111.8	93 300 *	93 300 *	93 300 *	16.8
18.0	81.9	111.6	92 100 *	92 100 *	92 100 *	18.0
20.0	80.8	111.3	90 000	90 200 *	90 200 *	20.0
22.0	79.7	110.9	81 600	85 800 *	85 800 *	22.0
24.0	78.7	110.5	73 700	81 500 *	81 500 *	24.0
26.0	77.6	110.1	67 000	77 500 *	77 500 *	26.0
28.0	76.5	109.6	61 100	73 500 *	73 500 *	28.0
30.0	75.4	109.1	55 900	69 700 *	69 700 *	30.0
32.0	74.4	108.5	51 300	66 000 *	66 000 *	32.0
34.0	73.3	107.9	47 100	61 400 *	62 500 *	34.0
36.0	72.2	107.3	43 300	56 800 *	59 200 *	36.0
38.0	71.1	106.6	39 900	52 700 *	57 900 *	38.0
40.0	70.0	105.9	36 900	49 000 *	56 400 *	40.0
42.0	68.8	105.1	34 100	45 700 *	52 500 *	42.0
44.0	67.7	104.3	31 400	42 700 *	49 200 *	44.0
46.0	66.6	103.4	29 100	39 900 *	46 100 *	46.0
48.0	65.4	102.5	26 900	37 300 *	43 300 *	48.0
50.0	64.3	101.6	24 900	35 000 *	40 700 *	50.0
52.0	63.1	100.6	23 000	32 800 *	38 300 *	52.0
54.0	61.9	99.5	21 200	30 800 *	36 100 *	54.0
56.0	60.7	98.4	19 600	28 900 *	34 000 *	56.0
58.0	59.5	97.2	18 000	27 000 *	32 100 *	58.0
60.0	58.3	96.0	16 400	25 200 *	30 300 *	60.0
62.0	57.0	94.7	15 000	23 400 *	28 700 *	62.0
64.0	55.8	93.3	13 700	21 800 *	27 100 *	64.0
68.0	53.2	90.4	11 200	18 900 *	24 100 *	68.0
72.0	50.5	87.2	9 100	16 200 *	21 100 *	72.0
76.0	47.8	83.7	7 200	13 900 *	18 600 *	76.0
80.0	44.8	79.8	5 400	11 800 *	16 200 *	80.0
84.0	41.8	75.5	3 900	9 900 *	14 100 *	84.0
88.0	38.5	70.7	2 600	8 200 *	12 200 *	88.0
92.0	35.0	65.3		6 600 *	10 500 *	92.0
96.0	31.1	59.0		5 300 *	8 900 *	96.0
100.0	26.7	51.6		4 000 *	7 500 *	100.0
104.0	21.5	42.5		2 800 *	6 300 *	104.0



# Liftcrane Boom Capacities

# MAX-ER 2000 On 2250

**Boom No. 79-44**  
**39.6m Mast No. 44**  
**76 750 kg Crane Counterweight**  
**27 220 kg Carbody Counterweight**  
**0 kg Thru 209 560 kg Wheeled Counterweight at 9.1m Position**  
**360 Degree Rating**



**Maximum Operating Wind Speed**  
14 m/s thru 73.2m Boom  
10 m/s with 79.2m and 85.3m Boom  
7 m/s with 91.4m thru 121.9m Boom  
**Jib Attached:**  
10 m/s thru 73.2m Boom  
7 m/s with 79.2m thru 121.9m Boom

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	164 200 kg Wheeled Counterweight Boom Capacity Kilograms	209 560 kg Wheeled Counterweight Boom Capacity Kilograms
<b>115.8m (380 Ft.) Boom</b>				
16.8	82.9	117.9	80 600 *	80 600 *
18.0	82.3	117.8	79 900 *	79 900 *
20.0	81.3	117.5	78 700 *	78 700 *
22.0	80.3	117.1	77 300 *	77 300 *
24.0	79.3	116.7	74 400 *	74 400 *
26.0	78.3	116.3	70 500 *	70 500 *
28.0	77.2	115.9	66 900 *	66 900 *
30.0	76.2	115.4	63 300 *	63 300 *
32.0	75.2	114.9	59 900 *	59 900 *
34.0	74.2	114.3	59 200 *	59 400 *
36.0	73.1	113.7	56 600 *	58 900 *
38.0	72.1	113.0	52 200 *	58 400 *
40.0	71.1	112.4	48 500 *	55 800 *
42.0	70.0	111.6	45 200 *	52 000 *
44.0	69.0	110.9	42 200 *	48 700 *
46.0	67.9	110.1	39 400 *	45 600 *
48.0	66.8	109.2	36 800 *	42 800 *
50.0	65.7	108.3	34 500 *	40 200 *
52.0	64.6	107.4	32 300 *	37 800 *
54.0	63.5	106.4	30 300 *	35 600 *
56.0	62.4	105.3	28 300 *	33 600 *
58.0	61.3	104.3	26 300 *	31 700 *
60.0	60.1	103.1	24 500 *	29 800 *
62.0	59.0	101.9	22 800 *	28 200 *
64.0	57.8	100.7	21 100 *	26 600 *
68.0	55.4	98.0	18 200 *	23 400 *
72.0	53.0	95.1	15 600 *	20 500 *
76.0	50.5	91.8	13 300 *	17 900 *
80.0	47.8	88.3	11 100 *	15 500 *
84.0	45.1	84.5	9 300 *	13 500 *
88.0	42.2	80.2	7 500 *	11 600 *
92.0	39.1	75.5	6 000 *	9 800 *
96.0	35.8	70.2	4 500 *	8 300 *
100.0	32.2	64.2	3 300 *	6 800 *
104.0	28.3	57.2	2 100 *	5 500 *
108.0	23.7	48.8		4 300 *
112.0	18.0	38.0		3 300 *

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	164 200 kg Wheeled Counterweight Boom Capacity Kilograms	209 560 kg Wheeled Counterweight Boom Capacity Kilograms
<b>121.9m (400 Ft.) Boom</b>				
18.3	82.5	123.9	67 100 *	67 100 *
20.0	81.7	123.6	64 000 *	64 000 *
22.0	80.8	123.3	60 400 *	60 400 *
24.0	79.8	122.9	56 900 *	56 900 *
26.0	78.9	122.6	53 500 *	53 500 *
28.0	77.9	122.1	50 200 *	50 200 *
30.0	76.9	121.7	48 200 *	48 200 *
32.0	76.0	121.2	48 200 *	48 200 *
34.0	75.0	120.6	47 900 *	47 900 *
36.0	74.0	120.1	47 600 *	47 600 *
38.0	73.0	119.5	47 300 *	47 300 *
40.0	72.0	118.8	47 000 *	47 000 *
42.0	71.1	118.1	45 600 *	46 700 *
44.0	70.1	117.4	42 200 *	46 400 *
46.0	69.0	116.6	39 500 *	45 800 *
48.0	68.0	115.8	36 900 *	42 900 *
50.0	67.0	115.0	34 600 *	40 300 *
52.0	66.0	114.1	32 400 *	37 900 *
54.0	64.9	113.2	30 400 *	35 700 *
56.0	63.9	112.2	28 400 *	33 600 *
58.0	62.8	111.2	26 400 *	31 700 *
60.0	61.8	110.1	24 600 *	29 900 *
62.0	60.7	109.0	22 800 *	28 200 *
64.0	59.6	107.8	21 200 *	26 700 *
68.0	57.4	105.3	18 300 *	23 400 *
72.0	55.1	102.6	15 600 *	20 600 *
76.0	52.8	99.7	13 300 *	17 900 *
80.0	50.4	96.4	11 200 *	15 600 *
84.0	47.9	92.9	9 300 *	13 500 *
88.0	45.3	89.1	7 500 *	11 600 *
92.0	42.5	84.9	5 900 *	9 800 *
96.0	39.7	80.2	4 500 *	8 200 *
100.0	36.6	75.0	3 200 *	6 700 *
104.0	33.3	69.2		5 400 *
108.0	29.6	62.6		4 200 *
112.0	25.5	54.8		3 100 *