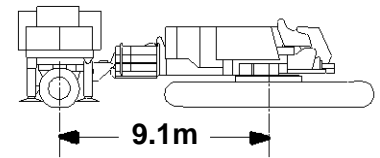


# Liftcrane Boom Capacities

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 9.1m Position  
360 Degree Rating

|  |
|--|
| <b>Maximum Operating<br/>Wind Speeds</b><br>14 m/s thru 73.2m Boom<br>10 m/s 79.2m thru 91.4m Boom<br>7 m/s 97.5m thru 109.7m 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 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. 194041**, Wire Rope Specification chart **No. 8215-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 70 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. 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 and 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. 9228-A**.

**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.

|  |
|--|
| <b>Boom Catwalks Deduct</b>                                    |
| Deduct 350 kg from capacities when boom catwalks are attached. |



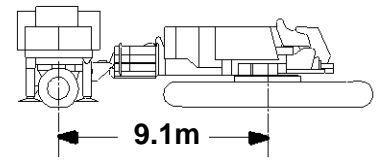
# Liftcrane Boom Capacities

# 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 9.1m Position  
 360 Degree Rating

**Maximum Operating  
Wind Speeds**

14 m/s thru 73.2m Boom  
 10 m/s 79.2m thru 91.4m Boom  
 7 m/s 97.5m thru 109.7m Boom



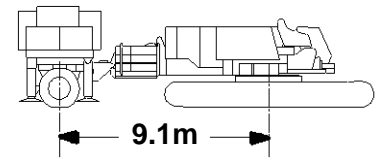
| Maximum Boom Lengths Lifted Unassisted   |                                   |                          |
|--|-----------------------------------|--------------------------|
| Over End of<br>Blocked Crawlers  | Over End of<br>Unblocked Crawlers | Over Side of<br>Crawlers |
| Boom Length  | Boom Length                       | Boom Length              |
| 0 kg Wheeled Counterweight   |                                   |                          |
| (a) 67.1m<br>61.0m   | 54.9m                             | 61.0m                    |
| 54 430 kg Wheeled Counterweight  |                                   |                          |
| 79.2m  | 73.2m                             | 73.2m                    |
| 108 860 kg Wheeled Counterweight   |                                   |                          |
| (b) 97.5m<br>91.4m   | 85.3m                             | 91.4m                    |
| 164 200 kg Wheeled Counterweight   |                                   |                          |
| (a) 109.7m<br>103.6m   | 103.6m                            | 103.6m                   |
| 209 560 kg Wheeled Counterweight   |                                   |                          |
| 109.7m   | 109.7m                            | 109.7m                   |
| Load block, hook and weight ball on ground at start<br>(a) Upper boom point must be removed. Machine must be equipped with optional upperworks jacking cylinders and boom must be rigged with one hoist lead line.<br>(b) Raising reserve is less than 10% tip weight. |                                   |                          |

# Liftcrane Boom Capacities

# 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 9.1m Position  
360 Degree Rating

| Maximum Operating<br>Wind Speeds |  |
|----------------------------------|--|
| 14 m/s thru 73.2m Boom           |  |
| 10 m/s 79.2m thru 91.4m Boom     |  |
| 7 m/s 97.5m thru 109.7m 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>36.6m (120 Ft.) Boom</b> |                |                         |  |   |  |  |  |                   |
| 7.9                         | 82.3           | 39.1                    | 181 300  | 250 000 *   | 297 000 *  | 344 300 *  | 380 400 *  | 7.9               |
| 8.0                         | 82.2           | 39.1                    | 179 300  | 247 900 *   | 294 600 *  | 341 300 *  | 377 100 *  | 8.0               |
| 9.0                         | 80.6           | 38.9                    | 154 900  | 221 600 *   | 263 700 *  | 303 700 *  | 335 800 *  | 9.0               |
| 10.0                        | 79.0           | 38.7                    | 135 900  | 200 200 *   | 238 000 *  | 273 400 *  | 302 400 *  | 10.0              |
| 11.0                        | 77.4           | 38.5                    | 120 600  | 182 100 *   | 215 900 *  | 248 300 *  | 274 800 *  | 11.0              |
| 12.0                        | 75.7           | 38.2                    | 107 900  | 166 500 *   | 197 300 *  | 227 100 *  | 251 600 *  | 12.0              |
| 14.0                        | 72.5           | 37.5                    | 88 400   | 141 600 *   | 167 700 *  | 193 500 *  | 214 500 *  | 14.0              |
| 16.0                        | 69.1           | 36.7                    | 74 000   | 122 000   | 145 300 *  | 167 900 *  | 186 500 *  | 16.0              |
| 18.0                        | 65.6           | 35.8                    | 62 900   | 104 200   | 127 700 *  | 147 900 *  | 164 500 *  | 18.0              |
| 20.0                        | 62.1           | 34.7                    | 53 500   | 89 100  | 113 500 *  | 131 800 *  | 146 800 *  | 20.0              |
| 22.0                        | 58.4           | 33.5                    | 45 500   | 77 300  | 101 900 *  | 118 500 *  | 132 200 *  | 22.0              |
| 24.0                        | 54.5           | 32.0                    | 39 100   | 67 800  | 92 200 *   | 107 500 *  | 120 000 *  | 24.0              |
| 26.0                        | 50.4           | 30.4                    | 33 900   | 60 100  | 83 900   | 98 100 *   | 109 700 *  | 26.0              |
| 28.0                        | 46.1           | 28.4                    | 29 600   | 53 600  | 76 000   | 90 000 *   | 100 800 *  | 28.0              |
| 30.0                        | 41.3           | 26.2                    | 26 000   | 48 200  | 68 900   | 83 100 *   | 93 200 *   | 30.0              |
| 32.0                        | 36.1           | 23.4                    | 23 000   | 43 600  | 62 800   | 77 100 *   | 86 500 *   | 32.0              |
| 34.0                        | 29.9           | 20.1                    | 20 400   | 39 700  | 57 700   | 71 700 *   | 80 700 *   | 34.0              |
| 36.0                        | 22.2           | 15.5                    | 18 300   | 36 400  | 53 300   | 67 200 *   | 75 600 *   | 36.0              |
| <b>42.7m (140 Ft.) Boom</b> |                |                         |  |   |  |  |  |                   |
| 8.5                         | 82.6           | 45.2                    | 154 500  | 231 900 *   | 276 000 *  | 318 600 *  | 352 300 *  | 8.5               |
| 9.0                         | 82.0           | 45.1                    | 145 200  | 220 500 *   | 262 600 *  | 302 500 *  | 334 600 *  | 9.0               |
| 10.0                        | 80.6           | 45.0                    | 127 600  | 198 400 *   | 236 500 *  | 271 900 *  | 300 900 *  | 10.0              |
| 11.0                        | 79.2           | 44.7                    | 113 500  | 180 200   | 214 400 *  | 246 800 *  | 273 400 *  | 11.0              |
| 12.0                        | 77.8           | 44.5                    | 101 800  | 164 000   | 195 800 *  | 225 600 *  | 250 100 *  | 12.0              |
| 14.0                        | 75.1           | 43.9                    | 83 400   | 136 600   | 166 200 *  | 192 000 *  | 213 100 *  | 14.0              |
| 16.0                        | 72.2           | 43.3                    | 69 800   | 116 200   | 143 800 *  | 166 500 *  | 185 000 *  | 16.0              |
| 18.0                        | 69.3           | 42.5                    | 59 200   | 100 500   | 126 200 *  | 146 500 *  | 163 000 *  | 18.0              |
| 20.0                        | 66.4           | 41.6                    | 50 900   | 87 800  | 112 100 *  | 130 400 *  | 145 300 *  | 20.0              |
| 22.0                        | 63.4           | 40.6                    | 43 900   | 75 800  | 100 400 *  | 117 100 *  | 130 700 *  | 22.0              |
| 24.0                        | 60.3           | 39.4                    | 37 700   | 66 300  | 90 700 *   | 106 000 *  | 118 600 *  | 24.0              |
| 26.0                        | 57.1           | 38.1                    | 32 400   | 58 500  | 82 400   | 96 600 *   | 108 200 *  | 26.0              |
| 28.0                        | 53.7           | 36.6                    | 28 000   | 52 100  | 74 500   | 88 600 *   | 99 300 *   | 28.0              |
| 30.0                        | 50.2           | 35.0                    | 24 400   | 46 600  | 67 300   | 81 600 *   | 91 700 *   | 30.0              |
| 32.0                        | 46.5           | 33.0                    | 21 300   | 41 900  | 61 200   | 75 500 *   | 85 000 *   | 32.0              |
| 34.0                        | 42.6           | 30.9                    | 18 600   | 37 900  | 55 900   | 70 100 *   | 79 000 *   | 34.0              |
| 36.0                        | 38.2           | 28.3                    | 16 300   | 34 400  | 51 300   | 65 400 *   | 73 800 *   | 36.0              |
| 38.0                        | 33.4           | 25.4                    | 14 400   | 31 400  | 47 400   | 61 200 *   | 69 200 *   | 38.0              |
| 40.0                        | 27.8           | 21.7                    | 12 700   | 28 900  | 43 900   | 57 500 *   | 65 100 *   | 40.0              |
| 42.0                        | 20.7           | 16.8                    | 11 400   | 26 700  | 41 000   | 54 200 *   | 61 500 *   | 42.0              |

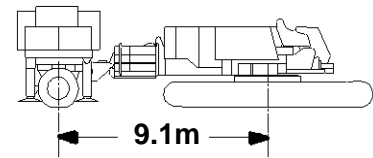
# Liftcrane Boom Capacities

# 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 9.1m Position**  
**360 Degree Rating**

**Maximum Operating  
Wind Speeds**

14 m/s thru 73.2m Boom  
 10 m/s 79.2m thru 91.4m Boom  
 7 m/s 97.5m thru 109.7m 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>48.8m (160 Ft.) Boom</b> |                |                         |  |   |  |  |  |                   |
| 9.1                         | 82.8           | 51.3                    | 133 800  | 211 800   | 256 800 *  | 296 300 *  | 327 900 *  | 9.1               |
| 10.0                        | 81.8           | 51.2                    | 120 400  | 191 800   | 235 100 *  | 270 700 *  | 299 800 *  | 10.0              |
| 11.0                        | 80.6           | 51.0                    | 107 300  | 172 400   | 213 200 *  | 245 600 *  | 272 100 *  | 11.0              |
| 12.0                        | 79.4           | 50.8                    | 96 400   | 156 200   | 194 600 *  | 224 500 *  | 248 900 *  | 12.0              |
| 14.0                        | 77.0           | 50.3                    | 79 200   | 130 600   | 165 100 *  | 190 800 *  | 212 000 *  | 14.0              |
| 16.0                        | 74.5           | 49.7                    | 66 200   | 111 300   | 142 700 *  | 165 300 *  | 183 900 *  | 16.0              |
| 18.0                        | 72.0           | 49.0                    | 56 100   | 96 300  | 125 100 *  | 145 300 *  | 161 900 *  | 18.0              |
| 20.0                        | 69.5           | 48.3                    | 48 100   | 84 400  | 110 900 *  | 129 200 *  | 144 200 *  | 20.0              |
| 22.0                        | 67.0           | 47.4                    | 41 500   | 74 400  | 99 300 *   | 116 000 *  | 129 600 *  | 22.0              |
| 24.0                        | 64.4           | 46.4                    | 36 000   | 65 400  | 89 600 *   | 104 900 *  | 117 400 *  | 24.0              |
| 26.0                        | 61.7           | 45.3                    | 31 400   | 57 500  | 81 300   | 95 400 *   | 107 100 *  | 26.0              |
| 28.0                        | 58.9           | 44.1                    | 27 000   | 50 900  | 73 400   | 87 300 *   | 98 200 *   | 28.0              |
| 30.0                        | 56.1           | 42.8                    | 23 200   | 45 400  | 66 100   | 80 300 *   | 90 400 *   | 30.0              |
| 32.0                        | 53.1           | 41.2                    | 20 000   | 40 700  | 59 900   | 74 200 *   | 83 700 *   | 32.0              |
| 34.0                        | 50.1           | 39.6                    | 17 300   | 36 600  | 54 600   | 68 800 *   | 77 700 *   | 34.0              |
| 36.0                        | 46.8           | 37.7                    | 14 900   | 33 100  | 49 900   | 64 000 *   | 72 400 *   | 36.0              |
| 38.0                        | 43.4           | 35.6                    | 12 900   | 29 900  | 45 800   | 59 700 *   | 67 700 *   | 38.0              |
| 40.0                        | 39.8           | 33.2                    | 11 100   | 27 200  | 42 200   | 55 900 *   | 63 500 *   | 40.0              |
| 42.0                        | 35.8           | 30.4                    | 9 500  | 24 800  | 39 000   | 52 500 *   | 59 700 *   | 42.0              |
| 44.0                        | 31.3           | 27.2                    | 8 100  | 22 700  | 36 200   | 49 400 *   | 56 300 *   | 44.0              |
| 46.0                        | 26.1           | 23.3                    | 7 000  | 20 800  | 33 800   | 46 600 *   | 53 300 *   | 46.0              |
| 48.0                        | 19.6           | 18.1                    | 6 100  | 19 300  | 31 600   | 44 100 *   | 50 500 *   | 48.0              |

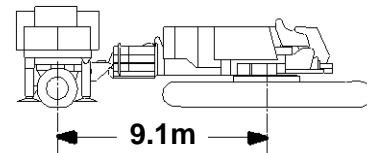
# Liftcrane Boom Capacities

## 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 9.1m Position  
360 Degree Rating

**Maximum Operating  
Wind Speeds**

14 m/s thru 73.2m Boom  
10 m/s 79.2m thru 91.4m Boom  
7 m/s 97.5m thru 109.7m 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>54.9m (180 Ft.) Boom</b> |                |                         |  |   |  |  |  |                   |
| 9.8                         | 83.0           | 57.4                    | 117 000  | 187 200   | 239 800 *  | 276 600 *  | 306 400 *  | 9.8               |
| 10.0                        | 82.7           | 57.3                    | 113 800  | 182 400   | 234 100 *  | 269 900 *  | 299 000 *  | 10.0              |
| 11.0                        | 81.6           | 57.2                    | 101 600  | 164 200   | 212 200 *  | 244 600 *  | 271 200 *  | 11.0              |
| 12.0                        | 80.6           | 57.0                    | 91 400   | 149 100   | 193 600 *  | 223 500 *  | 247 900 *  | 12.0              |
| 14.0                        | 78.4           | 56.6                    | 75 200   | 125 100   | 164 100 *  | 189 900 *  | 211 000 *  | 14.0              |
| 16.0                        | 76.3           | 56.1                    | 62 900   | 106 800   | 141 700 *  | 164 400 *  | 183 000 *  | 16.0              |
| 18.0                        | 74.1           | 55.5                    | 53 300   | 92 500  | 124 200 *  | 144 400 *  | 161 000 *  | 18.0              |
| 20.0                        | 71.9           | 54.8                    | 45 600   | 81 100  | 110 000 *  | 128 300 *  | 143 300 *  | 20.0              |
| 22.0                        | 69.7           | 54.0                    | 39 200   | 71 600  | 98 400 *   | 115 000 *  | 128 700 *  | 22.0              |
| 24.0                        | 67.4           | 53.2                    | 33 800   | 63 700  | 88 600 *   | 103 900 *  | 116 500 *  | 24.0              |
| 26.0                        | 65.1           | 52.2                    | 29 400   | 56 700  | 80 400   | 94 500 *   | 106 100 *  | 26.0              |
| 28.0                        | 62.7           | 51.2                    | 25 500   | 50 100  | 72 500   | 86 400 *   | 97 200 *   | 28.0              |
| 30.0                        | 60.3           | 50.0                    | 22 200   | 44 500  | 65 200   | 79 400 *   | 89 500 *   | 30.0              |
| 32.0                        | 57.9           | 48.8                    | 19 100   | 39 700  | 59 000   | 73 200 *   | 82 700 *   | 32.0              |
| 34.0                        | 55.3           | 47.4                    | 16 300   | 35 600  | 53 600   | 67 800 *   | 76 700 *   | 34.0              |
| 36.0                        | 52.7           | 45.8                    | 13 900   | 32 000  | 48 900   | 63 000 *   | 71 400 *   | 36.0              |
| 38.0                        | 49.9           | 44.1                    | 11 800   | 28 900  | 44 700   | 58 700 *   | 66 700 *   | 38.0              |
| 40.0                        | 47.1           | 42.3                    | 9 900  | 26 100  | 41 100   | 54 800 *   | 62 400 *   | 40.0              |
| 42.0                        | 44.1           | 40.2                    | 8 300  | 23 600  | 37 800   | 51 300 *   | 58 600 *   | 42.0              |
| 44.0                        | 40.9           | 37.9                    | 6 800  | 21 400  | 34 900   | 48 000 *   | 55 100 *   | 44.0              |
| 46.0                        | 37.5           | 35.3                    | 5 600  | 19 400  | 32 400   | 45 000 *   | 52 000 *   | 46.0              |
| 48.0                        | 33.8           | 32.4                    |  | 17 700  | 30 000   | 42 300 *   | 49 100 *   | 48.0              |
| 50.0                        | 29.6           | 28.9                    |  | 16 200  | 28 000   | 39 800 *   | 46 500 *   | 50.0              |
| 52.0                        | 24.8           | 24.8                    |  | 14 800  | 26 100   | 37 600   | 44 200 *   | 52.0              |
| 54.0                        | 18.7           | 19.3                    |  | 13 700  | 24 600   | 35 600   | 42 100 *   | 54.0              |



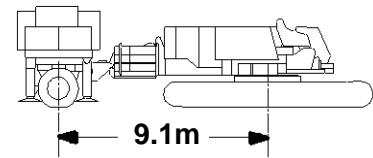
# Liftcrane Boom Capacities

# 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 9.1m Position  
360 Degree Rating

**Maximum Operating  
Wind Speeds**

14 m/s thru 73.2m Boom  
10 m/s 79.2m thru 91.4m Boom  
7 m/s 97.5m thru 109.7m 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>61.0m (200 Ft.) Boom</b> |                |                         |  |   |  |  |  |                   |
| 11.0                        | 82.5           | 63.3                    | 96 300   | 156 800   | 211 500 *  | 244 000 *  | 270 700 *  | 11.0              |
| 12.0                        | 81.5           | 63.2                    | 86 500   | 142 300   | 192 400 *  | 222 300 *  | 246 700 *  | 12.0              |
| 14.0                        | 79.6           | 62.8                    | 71 100   | 119 500   | 162 900 *  | 188 700 *  | 209 800 *  | 14.0              |
| 16.0                        | 77.7           | 62.3                    | 59 500   | 102 200   | 140 500 *  | 163 100 *  | 181 700 *  | 16.0              |
| 18.0                        | 75.8           | 61.8                    | 50 200   | 88 500  | 122 900 *  | 143 200 *  | 159 700 *  | 18.0              |
| 20.0                        | 73.8           | 61.2                    | 42 800   | 77 500  | 108 800 *  | 127 000 *  | 142 000 *  | 20.0              |
| 22.0                        | 71.8           | 60.6                    | 36 600   | 68 400  | 97 100 *   | 113 800 *  | 127 400 *  | 22.0              |
| 24.0                        | 69.8           | 59.8                    | 31 400   | 60 700  | 87 300 *   | 102 700 *  | 115 200 *  | 24.0              |
| 26.0                        | 67.8           | 59.0                    | 27 000   | 54 100  | 78 700 *   | 93 200 *   | 104 800 *  | 26.0              |
| 28.0                        | 65.7           | 58.1                    | 23 200   | 48 500  | 71 200   | 85 100 *   | 95 900 *   | 28.0              |
| 30.0                        | 63.6           | 57.0                    | 19 900   | 43 300  | 63 900   | 78 000 *   | 88 100 *   | 30.0              |
| 32.0                        | 61.4           | 55.9                    | 17 100   | 38 400  | 57 700   | 71 900 *   | 81 300 *   | 32.0              |
| 34.0                        | 59.3           | 54.7                    | 14 500   | 34 300  | 52 200   | 66 400 *   | 75 300 *   | 34.0              |
| 36.0                        | 57.0           | 53.4                    | 12 300   | 30 600  | 47 500   | 61 600 *   | 70 000 *   | 36.0              |
| 38.0                        | 54.7           | 52.0                    | 10 300   | 27 400  | 43 300   | 57 200 *   | 65 200 *   | 38.0              |
| 40.0                        | 52.3           | 50.4                    | 8 500  | 24 600  | 39 600   | 53 100 *   | 61 000 *   | 40.0              |
| 42.0                        | 49.9           | 48.7                    | 6 800  | 22 000  | 36 300   | 49 400 *   | 57 100 *   | 42.0              |
| 44.0                        | 47.3           | 46.9                    | 5 300  | 19 800  | 33 300   | 46 000 *   | 53 600 *   | 44.0              |
| 46.0                        | 44.6           | 44.9                    |  | 17 800  | 30 700   | 43 000 *   | 50 400 *   | 46.0              |
| 48.0                        | 41.8           | 42.6                    |  | 16 000  | 28 300   | 40 200 *   | 47 500 *   | 48.0              |
| 50.0                        | 38.8           | 40.1                    |  | 14 300  | 26 100   | 37 700 *   | 44 700 *   | 50.0              |
| 52.0                        | 35.6           | 37.4                    |  | 12 900  | 24 200   | 35 400 *   | 42 100 *   | 52.0              |
| 54.0                        | 32.1           | 34.2                    |  | 11 600  | 22 400   | 33 200 *   | 39 700 *   | 54.0              |
| 56.0                        | 28.2           | 30.6                    |  | 10 400  | 20 800   | 31 300 *   | 37 600 *   | 56.0              |
| 58.0                        | 23.6           | 26.2                    |  | 9 400   | 19 400   | 29 600 *   | 35 700 *   | 58.0              |

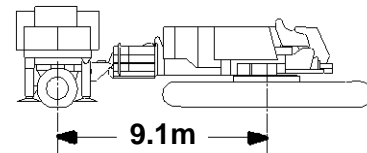
# Liftcrane Boom Capacities

## 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 9.1m Position  
360 Degree Rating

**Maximum Operating  
Wind Speeds**

14 m/s thru 73.2m Boom  
10 m/s 79.2m thru 91.4m Boom  
7 m/s 97.5m thru 109.7m 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                        | 82.7           | 69.4                    | 86 100   | 141 800   | 193 800  | 230 100 *  | 255 400 *  | 11.6              |
| 12.0                        | 82.3           | 69.4                    | 82 500   | 136 600   | 187 000  | 221 800 *  | 246 300 *  | 12.0              |
| 14.0                        | 80.6           | 69.0                    | 68 100   | 115 100   | 159 000  | 188 100 *  | 209 200 *  | 14.0              |
| 16.0                        | 78.8           | 68.6                    | 56 900   | 98 600  | 137 400  | 162 600 *  | 181 200 *  | 16.0              |
| 18.0                        | 77.1           | 68.1                    | 48 100   | 85 500  | 120 400  | 142 600 *  | 159 200 *  | 18.0              |
| 20.0                        | 75.3           | 67.6                    | 40 900   | 74 900  | 106 600  | 126 500 *  | 141 400 *  | 20.0              |
| 22.0                        | 73.5           | 67.0                    | 34 900   | 66 000  | 95 000   | 113 200 *  | 126 800 *  | 22.0              |
| 24.0                        | 71.7           | 66.3                    | 29 900   | 58 600  | 85 400   | 102 100 *  | 114 600 *  | 24.0              |
| 26.0                        | 69.9           | 65.6                    | 25 600   | 52 200  | 77 100   | 92 600 *   | 104 200 *  | 26.0              |
| 28.0                        | 68.1           | 64.7                    | 21 900   | 46 800  | 70 000   | 84 500 *   | 95 300 *   | 28.0              |
| 30.0                        | 66.2           | 63.8                    | 18 700   | 42 000  | 63 500   | 77 400 *   | 87 500 *   | 30.0              |
| 32.0                        | 64.3           | 62.9                    | 15 800   | 37 800  | 57 200   | 71 300 *   | 80 700 *   | 32.0              |
| 34.0                        | 62.3           | 61.8                    | 13 400   | 33 800  | 51 700   | 65 800 *   | 74 700 *   | 34.0              |
| 36.0                        | 60.4           | 60.7                    | 11 100   | 30 100  | 46 900   | 60 900 *   | 69 400 *   | 36.0              |
| 38.0                        | 58.4           | 59.4                    | 9 200  | 26 900  | 42 700   | 56 400 *   | 64 600 *   | 38.0              |
| 40.0                        | 56.3           | 58.1                    | 7 400  | 24 000  | 39 000   | 52 200 *   | 60 300 *   | 40.0              |
| 42.0                        | 54.2           | 56.6                    | 5 800  | 21 400  | 35 700   | 48 500 *   | 56 400 *   | 42.0              |
| 44.0                        | 52.0           | 55.0                    |  | 19 100  | 32 700   | 45 100 *   | 52 900 *   | 44.0              |
| 46.0                        | 49.8           | 53.3                    |  | 17 100  | 30 000   | 42 000 *   | 49 600 *   | 46.0              |
| 48.0                        | 47.4           | 51.5                    |  | 15 200  | 27 500   | 39 200 *   | 46 500 *   | 48.0              |
| 50.0                        | 45.0           | 49.5                    |  | 13 500  | 25 300   | 36 600 *   | 43 700 *   | 50.0              |
| 52.0                        | 42.5           | 47.3                    |  | 12 000  | 23 300   | 34 300 *   | 41 000 *   | 52.0              |
| 54.0                        | 39.8           | 44.9                    |  | 10 600  | 21 500   | 32 100 *   | 38 600 *   | 54.0              |
| 56.0                        | 37.0           | 42.3                    |  | 9 400   | 19 800   | 30 100 *   | 36 400 *   | 56.0              |
| 58.0                        | 34.0           | 39.4                    |  | 8 200   | 18 300   | 28 300 *   | 34 300 *   | 58.0              |
| 60.0                        | 30.7           | 36.0                    |  | 7 300   | 16 900   | 26 600 *   | 32 500 *   | 60.0              |
| 62.0                        | 27.0           | 32.2                    |  | 6 300   | 15 700   | 25 000 *   | 30 700 *   | 62.0              |
| 64.0                        | 22.7           | 27.6                    |  | 5 500   | 14 600   | 23 600 *   | 29 200 *   | 64.0              |



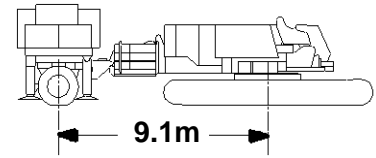
# Liftcrane Boom Capacities

# 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 9.1m Position**  
**360 Degree Rating**

**Maximum Operating  
Wind Speeds**

**14 m/s thru 73.2m Boom**  
**10 m/s 79.2m thru 91.4m Boom**  
**7 m/s 97.5m thru 109.7m 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>73.2m (240 Ft.) Boom</b> |                |                         |   |  |  |  |                   |
| 12.2                        | 82.8           | 75.5                    | 128 200   | 176 400  | 216 900 *  | 238 100 *  | 12.2              |
| 14.0                        | 81.4           | 75.2                    | 110 100   | 152 800  | 186 900 *  | 208 300 *  | 14.0              |
| 16.0                        | 79.8           | 74.8                    | 94 400  | 132 300  | 161 500 *  | 180 000 *  | 16.0              |
| 18.0                        | 78.2           | 74.4                    | 81 900  | 116 000  | 141 400 *  | 158 000 *  | 18.0              |
| 20.0                        | 76.6           | 73.9                    | 71 600  | 102 700  | 125 300 *  | 140 300 *  | 20.0              |
| 22.0                        | 74.9           | 73.4                    | 63 000  | 91 500   | 112 000 *  | 125 700 *  | 22.0              |
| 24.0                        | 73.3           | 72.7                    | 55 900  | 82 100   | 100 900 *  | 113 400 *  | 24.0              |
| 26.0                        | 71.6           | 72.1                    | 49 700  | 74 100   | 91 400 *   | 103 100 *  | 26.0              |
| 28.0                        | 70.0           | 71.3                    | 44 300  | 67 200   | 83 300 *   | 94 100 *   | 28.0              |
| 30.0                        | 68.3           | 70.5                    | 39 700  | 61 100   | 76 300 *   | 86 300 *   | 30.0              |
| 32.0                        | 66.6           | 69.6                    | 35 600  | 55 800   | 70 100 *   | 79 500 *   | 32.0              |
| 34.0                        | 64.8           | 68.7                    | 31 900  | 50 600   | 64 500 *   | 73 500 *   | 34.0              |
| 36.0                        | 63.1           | 67.7                    | 28 700  | 45 800   | 59 400 *   | 68 200 *   | 36.0              |
| 38.0                        | 61.3           | 66.6                    | 25 700  | 41 600   | 54 800 *   | 63 400 *   | 38.0              |
| 40.0                        | 59.5           | 65.4                    | 22 800  | 37 800   | 50 600 *   | 59 000 *   | 40.0              |
| 42.0                        | 57.6           | 64.1                    | 20 200  | 34 400   | 46 900 *   | 55 100 *   | 42.0              |
| 44.0                        | 55.7           | 62.7                    | 17 900  | 31 400   | 43 500 *   | 51 500 *   | 44.0              |
| 46.0                        | 53.8           | 61.2                    | 15 800  | 28 700   | 40 400 *   | 48 000 *   | 46.0              |
| 48.0                        | 51.8           | 59.6                    | 13 900  | 26 200   | 37 600 *   | 44 900 *   | 48.0              |
| 50.0                        | 49.7           | 57.9                    | 12 200  | 23 900   | 35 000 *   | 42 000 *   | 50.0              |
| 52.0                        | 47.6           | 56.1                    | 10 600  | 21 900   | 32 500 *   | 39 300 *   | 52.0              |
| 54.0                        | 45.4           | 54.1                    | 9 200   | 20 000   | 30 400 *   | 36 800 *   | 54.0              |
| 56.0                        | 43.1           | 52.0                    | 7 900   | 18 300   | 28 300 *   | 34 600 *   | 56.0              |
| 58.0                        | 40.7           | 49.7                    | 6 700   | 16 800   | 26 400 *   | 32 500 *   | 58.0              |
| 60.0                        | 38.2           | 47.1                    | 5 600   | 15 300   | 24 600 *   | 30 500 *   | 60.0              |
| 62.0                        | 35.5           | 44.3                    |   | 14 000   | 23 000 *   | 28 700 *   | 62.0              |
| 64.0                        | 32.6           | 41.3                    |   | 12 800   | 21 500 *   | 27 000 *   | 64.0              |
| 66.0                        | 29.4           | 37.8                    |   | 11 700   | 20 100 *   | 25 500 *   | 66.0              |
| 68.0                        | 25.9           | 33.8                    |   | 10 600   | 18 900 *   | 24 100 *   | 68.0              |
| 70.0                        | 21.9           | 29.0                    |   | 9 800  | 17 700 *   | 22 800 *   | 70.0              |



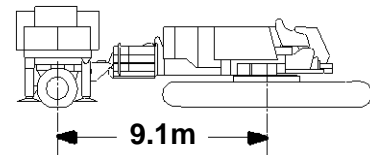
# Liftcrane Boom Capacities

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 9.1m Position  
360 Degree Rating

**Maximum Operating  
Wind Speeds**

14 m/s thru 73.2m Boom  
10 m/s 79.2m thru 91.4m Boom  
7 m/s 97.5m thru 109.7m Boom

## 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                    | 108 400   | 150 700  | 190 600 *  | 207 800 *  | 13.7              |
| 14.0                        | 82.0           | 81.4                    | 106 200   | 147 800  | 186 800 *  | 204 400 *  | 14.0              |
| 16.0                        | 80.6           | 81.0                    | 91 000  | 128 000  | 160 900 *  | 180 000 *  | 16.0              |
| 18.0                        | 79.1           | 80.6                    | 79 000  | 112 400  | 140 900 *  | 157 500 *  | 18.0              |
| 20.0                        | 77.6           | 80.2                    | 69 100  | 99 600   | 124 800 *  | 139 800 *  | 20.0              |
| 22.0                        | 76.1           | 79.7                    | 60 900  | 88 800   | 111 500 *  | 125 200 *  | 22.0              |
| 24.0                        | 74.6           | 79.1                    | 53 900  | 79 700   | 100 400 *  | 112 900 *  | 24.0              |
| 26.0                        | 73.1           | 78.5                    | 47 900  | 72 000   | 90 900 *   | 102 500 *  | 26.0              |
| 28.0                        | 71.6           | 77.8                    | 42 700  | 65 200   | 82 800 *   | 93 600 *   | 28.0              |
| 30.0                        | 70.0           | 77.1                    | 38 200  | 59 200   | 75 700 *   | 85 800 *   | 30.0              |
| 32.0                        | 68.5           | 76.3                    | 34 100  | 54 000   | 69 500 *   | 79 000 *   | 32.0              |
| 34.0                        | 66.9           | 75.4                    | 30 500  | 49 400   | 63 800 *   | 72 900 *   | 34.0              |
| 36.0                        | 65.3           | 74.5                    | 27 300  | 45 200   | 58 600 *   | 67 600 *   | 36.0              |
| 38.0                        | 63.7           | 73.5                    | 24 500  | 41 100   | 54 100 *   | 62 800 *   | 38.0              |
| 40.0                        | 62.1           | 72.4                    | 21 900  | 37 300   | 49 900 *   | 58 500 *   | 40.0              |
| 42.0                        | 60.4           | 71.3                    | 19 500  | 33 900   | 46 200 *   | 54 500 *   | 42.0              |
| 44.0                        | 58.7           | 70.0                    | 17 300  | 30 800   | 42 700 *   | 50 700 *   | 44.0              |
| 46.0                        | 57.0           | 68.7                    | 15 200  | 28 100   | 39 600 *   | 47 200 *   | 46.0              |
| 48.0                        | 55.2           | 67.3                    | 13 300  | 25 600   | 36 800 *   | 44 100 *   | 48.0              |
| 50.0                        | 53.4           | 65.8                    | 11 500  | 23 300   | 34 100 *   | 41 100 *   | 50.0              |
| 52.0                        | 51.6           | 64.2                    | 10 000  | 21 300   | 31 700 *   | 38 400 *   | 52.0              |
| 54.0                        | 49.7           | 62.5                    | 8 500   | 19 300   | 29 400 *   | 35 900 *   | 54.0              |
| 56.0                        | 47.7           | 60.7                    | 7 200   | 17 600   | 27 400 *   | 33 700 *   | 56.0              |
| 58.0                        | 45.7           | 58.8                    | 5 900   | 16 000   | 25 500 *   | 31 500 *   | 58.0              |
| 60.0                        | 43.6           | 56.7                    |   | 14 500   | 23 700 *   | 29 500 *   | 60.0              |
| 62.0                        | 41.4           | 54.4                    |   | 13 200   | 22 000 *   | 27 700 *   | 62.0              |
| 64.0                        | 39.1           | 51.9                    |   | 11 900   | 20 500 *   | 25 900 *   | 64.0              |
| 66.0                        | 36.7           | 49.3                    |   | 10 700   | 19 000 *   | 24 300 *   | 66.0              |
| 68.0                        | 34.1           | 46.3                    |   | 9 700  | 17 700 *   | 22 900 *   | 68.0              |
| 70.0                        | 31.4           | 43.1                    |   | 8 700  | 16 400 *   | 21 500 *   | 70.0              |
| 74.0                        | 25.0           | 35.3                    |   | 6 900  | 14 200 *   | 19 000 *   | 74.0              |

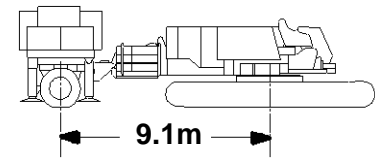
# Liftcrane Boom Capacities

# 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 9.1m Position  
360 Degree Rating

**Maximum Operating  
Wind Speeds**

14 m/s thru 73.2m Boom  
10 m/s 79.2m thru 91.4m Boom  
7 m/s 97.5m thru 109.7m Boom



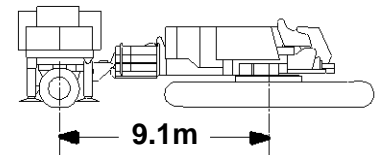
| Oper. Rad. Meters           | Boom Ang. Deg. | Boom Point Elev. Meters | 108 860 kg Wheeled Counterweight Boom Capacity Kilograms | 164 200 kg Wheeled Counterweight Boom Capacity Kilograms | 209 560 kg Wheeled Counterweight Boom Capacity Kilograms | Oper. Rad. Meters |
|-----------------------------|----------------|-------------------------|--|--|--|-------------------|
| <b>85.3m (280 Ft.) Boom</b> |                |                         |  |  |  |                   |
| 13.7                        | 82.8           | 87.6                    | 145 100  | 175 600 *  | 175 600 *  | 13.7              |
| 14.0                        | 82.6           | 87.5                    | 142 200  | 174 200  | 175 600 *  | 14.0              |
| 16.0                        | 81.3           | 87.2                    | 123 400  | 161 200  | 172 600 *  | 16.0              |
| 18.0                        | 79.9           | 86.9                    | 108 400  | 139 900 *  | 157 400 *  | 18.0              |
| 20.0                        | 78.5           | 86.4                    | 96 000   | 123 800 *  | 138 700 *  | 20.0              |
| 22.0                        | 77.1           | 86.0                    | 85 600   | 110 500 *  | 124 100 *  | 22.0              |
| 24.0                        | 75.8           | 85.5                    | 76 800   | 99 300 *   | 111 900 *  | 24.0              |
| 26.0                        | 74.4           | 84.9                    | 69 300   | 89 900 *   | 101 500 *  | 26.0              |
| 28.0                        | 73.0           | 84.3                    | 62 700   | 81 800 *   | 92 500 *   | 28.0              |
| 30.0                        | 71.5           | 83.6                    | 56 900   | 74 600 *   | 84 800 *   | 30.0              |
| 32.0                        | 70.1           | 82.8                    | 51 800   | 68 200 *   | 77 900 *   | 32.0              |
| 34.0                        | 68.7           | 82.1                    | 47 200   | 62 400 *   | 71 900 *   | 34.0              |
| 36.0                        | 67.2           | 81.2                    | 43 100   | 57 300 *   | 66 500 *   | 36.0              |
| 38.0                        | 65.7           | 80.3                    | 39 400   | 52 700 *   | 61 700 *   | 38.0              |
| 40.0                        | 64.2           | 79.3                    | 36 100   | 48 600 *   | 57 300 *   | 40.0              |
| 42.0                        | 62.7           | 78.3                    | 32 900   | 44 800 *   | 53 100 *   | 42.0              |
| 44.0                        | 61.2           | 77.2                    | 29 900   | 41 400 *   | 49 300 *   | 44.0              |
| 46.0                        | 59.6           | 76.0                    | 27 100   | 38 200 *   | 45 800 *   | 46.0              |
| 48.0                        | 58.0           | 74.7                    | 24 600   | 35 300 *   | 42 600 *   | 48.0              |
| 50.0                        | 56.4           | 73.4                    | 22 300   | 32 700 *   | 39 700 *   | 50.0              |
| 52.0                        | 54.8           | 72.0                    | 20 200   | 30 300 *   | 37 000 *   | 52.0              |
| 54.0                        | 53.1           | 70.5                    | 18 200   | 28 000 *   | 34 500 *   | 54.0              |
| 56.0                        | 51.4           | 68.8                    | 16 500   | 25 900 *   | 32 200 *   | 56.0              |
| 58.0                        | 49.6           | 67.1                    | 14 800   | 24 000 *   | 30 000 *   | 58.0              |
| 60.0                        | 47.8           | 65.3                    | 13 300   | 22 100 *   | 28 000 *   | 60.0              |
| 62.0                        | 45.9           | 63.4                    | 11 900   | 20 400 *   | 26 100 *   | 62.0              |
| 64.0                        | 44.0           | 61.3                    | 10 600   | 18 900 *   | 24 400 *   | 64.0              |
| 66.0                        | 42.0           | 59.1                    | 9 400  | 17 400 *   | 22 800 *   | 66.0              |
| 68.0                        | 39.9           | 56.7                    | 8 300  | 16 000 *   | 21 200 *   | 68.0              |
| 70.0                        | 37.7           | 54.1                    | 7 300  | 14 700 *   | 19 800 *   | 70.0              |
| 74.0                        | 32.9           | 48.3                    | 5 400  | 12 400 *   | 17 100 *   | 74.0              |
| 78.0                        | 27.4           | 41.1                    |  | 10 300 *   | 14 900 *   | 78.0              |
| 82.0                        | 20.5           | 31.7                    |  | 8 600 *  | 12 900 *   | 82.0              |

# Liftcrane Boom Capacities

## 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 9.1m Position  
360 Degree Rating

|   |
|---|
| <p align="center"><b>Maximum Operating<br/>Wind Speeds</b></p> <p align="center">14 m/s thru 73.2m Boom<br/>10 m/s 79.2m thru 91.4m Boom<br/>7 m/s 97.5m thru 109.7m Boom</p> |
|---|



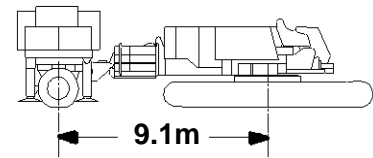
| Oper. Rad. Meters           | Boom Ang. Deg. | Boom Point Elev. Meters | 108 860 kg Wheeled Counterweight Boom Capacity Kilograms | 164 200 kg Wheeled Counterweight Boom Capacity Kilograms | 209 560 kg Wheeled Counterweight Boom Capacity Kilograms | Oper. Rad. Meters |
|-----------------------------|----------------|-------------------------|--|--|--|-------------------|
| <b>91.4m (300 Ft.) Boom</b> |                |                         |  |  |  |                   |
| 15.2                        | 82.3           | 93.5                    | 125 200  | 150 500 *  | 150 500 *  | 15.2              |
| 16.0                        | 81.8           | 93.4                    | 119 100  | 149 000  | 150 500 *  | 16.0              |
| 18.0                        | 80.6           | 93.1                    | 104 400  | 137 800  | 150 500 *  | 18.0              |
| 20.0                        | 79.3           | 92.7                    | 92 500   | 122 200  | 137 800 *  | 20.0              |
| 22.0                        | 78.0           | 92.2                    | 82 500   | 109 500 *  | 123 100 *  | 22.0              |
| 24.0                        | 76.7           | 91.8                    | 74 000   | 98 300 *   | 110 800 *  | 24.0              |
| 26.0                        | 75.4           | 91.2                    | 66 600   | 88 900 *   | 100 400 *  | 26.0              |
| 28.0                        | 74.1           | 90.6                    | 60 200   | 80 700 *   | 91 500 *   | 28.0              |
| 30.0                        | 72.8           | 90.0                    | 54 500   | 73 300 *   | 83 700 *   | 30.0              |
| 32.0                        | 71.5           | 89.3                    | 49 500   | 66 900 *   | 76 900 *   | 32.0              |
| 34.0                        | 70.2           | 88.6                    | 45 100   | 61 100 *   | 70 800 *   | 34.0              |
| 36.0                        | 68.8           | 87.8                    | 41 100   | 56 000 *   | 65 500 *   | 36.0              |
| 38.0                        | 67.4           | 87.0                    | 37 500   | 51 400 *   | 60 500 *   | 38.0              |
| 40.0                        | 66.1           | 86.1                    | 34 200   | 47 200 *   | 55 900 *   | 40.0              |
| 42.0                        | 64.7           | 85.1                    | 31 200   | 43 500 *   | 51 700 *   | 42.0              |
| 44.0                        | 63.3           | 84.1                    | 28 500   | 40 000 *   | 48 000 *   | 44.0              |
| 46.0                        | 61.9           | 83.0                    | 26 000   | 36 900 *   | 44 500 *   | 46.0              |
| 48.0                        | 60.4           | 81.9                    | 23 500   | 34 000 *   | 41 300 *   | 48.0              |
| 50.0                        | 58.9           | 80.7                    | 21 100   | 31 400 *   | 38 400 *   | 50.0              |
| 52.0                        | 57.5           | 79.4                    | 19 000   | 28 900 *   | 35 700 *   | 52.0              |
| 54.0                        | 55.9           | 78.0                    | 17 100   | 26 700 *   | 33 200 *   | 54.0              |
| 56.0                        | 54.4           | 76.6                    | 15 300   | 24 600 *   | 30 800 *   | 56.0              |
| 58.0                        | 52.8           | 75.1                    | 13 700   | 22 600 *   | 28 700 *   | 58.0              |
| 60.0                        | 51.2           | 73.5                    | 12 200   | 20 800 *   | 26 700 *   | 60.0              |
| 62.0                        | 49.6           | 71.7                    | 10 700   | 19 100 *   | 24 800 *   | 62.0              |
| 64.0                        | 47.9           | 69.9                    | 9 400  | 17 500 *   | 23 000 *   | 64.0              |
| 66.0                        | 46.1           | 68.0                    | 8 200  | 16 000 *   | 21 400 *   | 66.0              |
| 68.0                        | 44.3           | 66.0                    | 7 100  | 14 700 *   | 19 800 *   | 68.0              |
| 70.0                        | 42.5           | 63.8                    | 6 000  | 13 400 *   | 18 400 *   | 70.0              |
| 74.0                        | 38.5           | 58.9                    |  | 11 000 *   | 15 700 *   | 74.0              |
| 78.0                        | 34.2           | 53.3                    |  | 8 900 *  | 13 400 *   | 78.0              |
| 82.0                        | 29.3           | 46.6                    |  | 7 100 *  | 11 400 *   | 82.0              |
| 86.0                        | 23.5           | 38.2                    |  | 5 500 *  | 9 600 *  | 86.0              |

# Liftcrane Boom Capacities

# 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 9.1m Position  
360 Degree Rating

**Maximum Operating  
Wind Speeds**  
14 m/s thru 73.2m Boom  
10 m/s 79.2m thru 91.4m Boom  
7 m/s 97.5m thru 109.7m 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>97.5m (320 Ft.) Boom</b> |                |                         |  |  |  |                   |
| 15.2                        | 82.8           | 99.7                    | 120 700  | 129 200 *  | 129 200 *  | 15.2              |
| 16.0                        | 82.4           | 99.6                    | 114 900  | 129 200 *  | 129 200 *  | 16.0              |
| 18.0                        | 81.2           | 99.3                    | 100 800  | 129 200 *  | 129 200 *  | 18.0              |
| 20.0                        | 80.0           | 98.9                    | 89 300   | 118 500  | 128 900 *  | 20.0              |
| 22.0                        | 78.8           | 98.5                    | 79 600   | 106 400  | 123 300 *  | 22.0              |
| 24.0                        | 77.6           | 98.0                    | 71 300   | 96 200   | 109 900 *  | 24.0              |
| 26.0                        | 76.4           | 97.5                    | 64 100   | 87 400   | 99 500 *   | 26.0              |
| 28.0                        | 75.1           | 97.0                    | 57 900   | 79 600   | 90 600 *   | 28.0              |
| 30.0                        | 73.9           | 96.4                    | 52 300   | 72 200 *   | 82 800 *   | 30.0              |
| 32.0                        | 72.7           | 95.8                    | 47 500   | 65 700 *   | 76 000 *   | 32.0              |
| 34.0                        | 71.4           | 95.1                    | 43 100   | 59 900 *   | 69 900 *   | 34.0              |
| 36.0                        | 70.2           | 94.4                    | 39 100   | 54 800 *   | 64 500 *   | 36.0              |
| 38.0                        | 68.9           | 93.6                    | 35 600   | 50 200 *   | 59 300 *   | 38.0              |
| 40.0                        | 67.7           | 92.8                    | 32 400   | 46 000 *   | 54 700 *   | 40.0              |
| 42.0                        | 66.4           | 91.9                    | 29 400   | 42 200 *   | 50 500 *   | 42.0              |
| 44.0                        | 65.1           | 90.9                    | 26 800   | 38 800 *   | 46 700 *   | 44.0              |
| 46.0                        | 63.8           | 89.9                    | 24 300   | 35 700 *   | 43 200 *   | 46.0              |
| 48.0                        | 62.4           | 88.9                    | 22 000   | 32 800 *   | 40 100 *   | 48.0              |
| 50.0                        | 61.1           | 87.8                    | 19 900   | 30 100 *   | 37 100 *   | 50.0              |
| 52.0                        | 59.7           | 86.6                    | 18 000   | 27 700 *   | 34 400 *   | 52.0              |
| 54.0                        | 58.4           | 85.4                    | 16 200   | 25 400 *   | 31 900 *   | 54.0              |
| 56.0                        | 56.9           | 84.0                    | 14 400   | 23 300 *   | 29 500 *   | 56.0              |
| 58.0                        | 55.5           | 82.7                    | 12 700   | 21 300 *   | 27 400 *   | 58.0              |
| 60.0                        | 54.1           | 81.2                    | 11 200   | 19 500 *   | 25 300 *   | 60.0              |
| 62.0                        | 52.6           | 79.7                    | 9 700  | 17 800 *   | 23 400 *   | 62.0              |
| 64.0                        | 51.1           | 78.1                    | 8 400  | 16 100 *   | 21 700 *   | 64.0              |
| 66.0                        | 49.5           | 76.3                    | 7 200  | 14 700 *   | 20 000 *   | 66.0              |
| 68.0                        | 47.9           | 74.5                    | 6 000  | 13 300 *   | 18 400 *   | 68.0              |
| 70.0                        | 46.3           | 72.6                    | 4 900  | 11 900 *   | 17 000 *   | 70.0              |
| 74.0                        | 42.9           | 68.4                    |  | 9 500 *  | 14 300 *   | 74.0              |
| 78.0                        | 39.3           | 63.7                    |  | 7 300 *  | 11 900 *   | 78.0              |
| 82.0                        | 35.3           | 58.3                    |  | 5 400 *  | 9 800 *  | 82.0              |
| 86.0                        | 30.9           | 52.0                    |  |  | 7 900 *  | 86.0              |
| 90.0                        | 25.8           | 44.3                    |  |  | 6 200 *  | 90.0              |
| 94.0                        | 19.5           | 34.3                    |  |  | 4 700 *  | 94.0              |

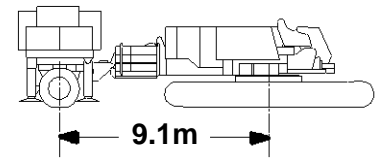
# Liftcrane Boom Capacities

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 9.1m Position  
360 Degree Rating

**Maximum Operating  
Wind Speeds**

14 m/s thru 73.2m Boom  
10 m/s 79.2m thru 91.4m Boom  
7 m/s 97.5m thru 109.7m Boom

## MAX-ER 2000 On 2250



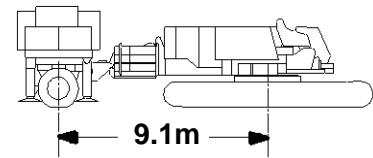
| Oper. Rad. Meters            | Boom Ang. Deg. | Boom Point Elev. Meters | 164 200 kg Wheeled Counterweight Boom Capacity Kilograms | 209 560 kg Wheeled Counterweight Boom Capacity Kilograms |
|------------------------------|----------------|-------------------------|--|--|
| <b>103.6m (340 Ft.) Boom</b> |                |                         |  |  |
| 16.8                         | 82.4           | 105.6                   | 112 000 *  | 112 000 *  |
| 18.0                         | 81.7           | 105.4                   | 112 000 *  | 112 000 *  |
| 20.0                         | 80.6           | 105.1                   | 111 400  | 112 000 *  |
| 22.0                         | 79.4           | 104.7                   | 104 300  | 112 000 *  |
| 24.0                         | 78.3           | 104.3                   | 93 800   | 108 600 *  |
| 26.0                         | 77.2           | 103.8                   | 85 200   | 99 100 *   |
| 28.0                         | 76.0           | 103.3                   | 77 600   | 90 200 *   |
| 30.0                         | 74.9           | 102.8                   | 71 000   | 82 400 *   |
| 32.0                         | 73.7           | 102.2                   | 65 100   | 75 600 *   |
| 34.0                         | 72.6           | 101.5                   | 59 400 *   | 69 500 *   |
| 36.0                         | 71.4           | 100.9                   | 54 200 *   | 63 900 *   |
| 38.0                         | 70.2           | 100.1                   | 49 600 *   | 58 800 *   |
| 40.0                         | 69.0           | 99.4                    | 45 500 *   | 54 200 *   |
| 42.0                         | 67.9           | 98.5                    | 41 700 *   | 50 000 *   |
| 44.0                         | 66.6           | 97.7                    | 38 200 *   | 46 200 *   |
| 46.0                         | 65.4           | 96.7                    | 35 100 *   | 42 700 *   |
| 48.0                         | 64.2           | 95.8                    | 32 200 *   | 39 500 *   |
| 50.0                         | 63.0           | 94.7                    | 29 500 *   | 36 500 *   |
| 52.0                         | 61.7           | 93.6                    | 27 100 *   | 33 800 *   |
| 54.0                         | 60.4           | 92.5                    | 24 800 *   | 31 300 *   |
| 56.0                         | 59.1           | 91.3                    | 22 700 *   | 29 000 *   |
| 58.0                         | 57.8           | 90.0                    | 20 700 *   | 26 800 *   |
| 60.0                         | 56.5           | 88.7                    | 18 900 *   | 24 700 *   |
| 62.0                         | 55.1           | 87.3                    | 17 100 *   | 22 800 *   |
| 64.0                         | 53.8           | 85.8                    | 15 500 *   | 21 000 *   |
| 66.0                         | 52.4           | 84.3                    | 14 000 *   | 19 300 *   |
| 68.0                         | 51.0           | 82.7                    | 12 600 *   | 17 800 *   |
| 70.0                         | 49.5           | 80.9                    | 11 200 *   | 16 300 *   |
| 74.0                         | 46.5           | 77.2                    | 8 800 *  | 13 500 *   |
| 78.0                         | 43.3           | 73.1                    | 6 600 *  | 11 100 *   |
| 82.0                         | 39.9           | 68.5                    |  | 8 900 *  |
| 86.0                         | 36.3           | 63.2                    |  | 6 900 *  |
| 90.0                         | 32.2           | 57.2                    |  | 5 200 *  |

# Liftcrane Boom Capacities

# 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 9.1m Position  
360 Degree Rating

|  |
|--|
| <b>Maximum Operating<br/>Wind Speeds</b><br>14 m/s thru 73.2m Boom<br>10 m/s 79.2m thru 91.4m Boom<br>7 m/s 97.5m thru 109.7m 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>109.7m (360 Ft.) Boom</b> |                |                         |  |  |
| 16.8                         | 82.8           | 111.8                   | 97 200 *   | 97 200 *   |
| 18.0                         | 82.2           | 111.6                   | 97 200 *   | 97 200 *   |
| 20.0                         | 81.1           | 111.3                   | 97 200 *   | 97 200 *   |
| 22.0                         | 80.0           | 110.9                   | 96 500   | 97 200 *   |
| 24.0                         | 79.0           | 110.5                   | 90 800   | 97 200 *   |
| 26.0                         | 77.9           | 110.1                   | 81 900   | 96 800 *   |
| 28.0                         | 76.8           | 109.6                   | 74 500   | 88 800 *   |
| 30.0                         | 75.8           | 109.1                   | 68 100   | 80 900 *   |
| 32.0                         | 74.7           | 108.5                   | 62 300   | 74 100 *   |
| 34.0                         | 73.6           | 107.9                   | 57 100   | 67 700 *   |
| 36.0                         | 72.5           | 107.3                   | 52 400   | 62 000 *   |
| 38.0                         | 71.4           | 106.6                   | 47 800 *   | 56 900 *   |
| 40.0                         | 70.3           | 105.9                   | 43 600 *   | 52 300 *   |
| 42.0                         | 69.1           | 105.1                   | 39 800 *   | 48 100 *   |
| 44.0                         | 68.0           | 104.3                   | 36 400 *   | 44 300 *   |
| 46.0                         | 66.9           | 103.4                   | 33 300 *   | 40 800 *   |
| 48.0                         | 65.7           | 102.5                   | 30 400 *   | 37 700 *   |
| 50.0                         | 64.6           | 101.6                   | 27 700 *   | 34 700 *   |
| 52.0                         | 63.4           | 100.6                   | 25 200 *   | 32 000 *   |
| 54.0                         | 62.2           | 99.5                    | 22 900 *   | 29 400 *   |
| 56.0                         | 61.0           | 98.4                    | 20 800 *   | 27 100 *   |
| 58.0                         | 59.8           | 97.2                    | 18 900 *   | 24 900 *   |
| 60.0                         | 58.6           | 96.0                    | 17 000 *   | 22 900 *   |
| 62.0                         | 57.4           | 94.7                    | 15 300 *   | 21 000 *   |
| 64.0                         | 56.1           | 93.3                    | 13 700 *   | 19 200 *   |
| 66.0                         | 54.8           | 91.9                    | 12 200 *   | 17 500 *   |
| 68.0                         | 53.5           | 90.4                    | 10 700 *   | 15 900 *   |
| 70.0                         | 52.2           | 88.9                    | 9 400 *  | 14 400 *   |
| 74.0                         | 49.5           | 85.5                    | 6 900 *  | 11 700 *   |
| 78.0                         | 46.6           | 81.8                    |  | 9 200 *  |
| 82.0                         | 43.6           | 77.8                    |  | 7 000 *  |
| 86.0                         | 40.5           | 73.2                    |  | 5 100 *  |