

# Liftcrane Boom Capacities

## 2250 SERIES 1

**Boom No. 44 With Heavy Lift Top**  
**76 750 kg Counterweight**  
**Crawler Machine on a Static Barge**  
**0 Degree thru 3 Degree Static Machine List**  
**No Travel - 360 Degree Rating**

**LIFTING CAPACITIES:** Lifting capacities are for a crawler machine when operating on a static barge. Machine shall be positively secured to prevent shifting. Lifting capacities for various boom lengths and operating radii are for freely suspended loads and do not exceed 75% of a static tipping load. Capacities based on structural competence are denoted by an asterisk (\*).

Upper boom point capacity for liftcrane service with single part whip line is 13 610 kg or 27 220 kg with two part whip line. In all cases, upper boom point capacities cannot exceed those listed for main boom capacity.

76.2m and 79.2m boom lengths require only the middle three sheaves to be used on lower boom point. All other sheaves must be removed from lower boom point.

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

**OPERATING CONDITIONS:** Machine to operate on a firm uniformly supporting surface with gantry up and machine

list not to exceed degrees noted with exception of 0 degree machine list which must not exceed 0.5 degrees. Refer to boom rigging **No. 179809**, Wire Rope Specification chart **No. 8025-A**, and Counterweight Arrangement chart **No. 8026-A**. Crane operator judgment must be used to allow for dynamic load effects of swinging, hoisting or lowering, wind conditions, as well as adverse operating conditions and physical machine depreciation. Refer to operators manual for operating guidelines.

**OPERATING RADIUS:** Operating radius is horizontal distance from axis of rotation at barge deck to center of vertical hoist line or load block. Boom angle is angle between horizontal and centerline of boom butt and inserts, and is an indication of operating radius. In all cases, operating radius shall govern capacity.

**BOOM POINT ELEVATION:** Boom point elevation is vertical distance from barge deck to centerline of boom point shaft.

**MACHINE EQUIPMENT:** Machine equipped with 9 373 mm crawlers, 1 219 mm treads, 8 534 mm retractable gantry, 12 part boom hoist reeving, boom support straps and 76 750 kg counterweight.

| Maximum Boom Length<br>Lifted Unassisted Over Front,<br>Side or Rear of Crawlers                                                       |             |
|----------------------------------------------------------------------------------------------------------------------------------------|-------------|
| List                                                                                                                                   | Boom Length |
| 0 Degree                                                                                                                               | 79.2m       |
| 1 Degree                                                                                                                               | 79.2m       |
| 2 Degree                                                                                                                               | 79.2m       |
| 3 Degree                                                                                                                               | 79.2m       |
| Load block, hook and weight ball on<br>barge deck at start. Jib is not to be<br>used on crawler machine while<br>operating on a barge. |             |

| Third Line Deduct                                                                     |
|---------------------------------------------------------------------------------------|
| Deduct 270 kg From Boom Capacities When<br>Boom Is Equipped For Three Line Operation. |

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| Oper.<br>Radius<br>Meters  | Boom<br>Angle<br>Deg. | Boom<br>Point<br>Elev.<br>Meters | 0 Degree<br>List<br>Boom<br>Capacity<br>Kilograms | 1 Degree<br>List<br>Boom<br>Capacity<br>Kilograms | 2 Degree<br>List<br>Boom<br>Capacity<br>Kilograms | 3 Degree<br>List<br>Boom<br>Capacity<br>Kilograms | Oper.<br>Radius<br>Meters |
|----------------------------|-----------------------|----------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------|
| <b>21.3m (70 Ft.) BOOM</b> |                       |                                  |                                                   |                                                   |                                                   |                                                   |                           |
| 5.5                        | 82.9                  | 23.5                             | 250 000 *                                         |                                                   |                                                   |                                                   | 5.5                       |
| 6.0                        | 81.5                  | 23.4                             | 247 700 *                                         |                                                   |                                                   |                                                   | 6.0                       |
| 6.5                        | 80.2                  | 23.3                             | 235 900 *                                         | 203 100 *                                         | 147 100 *                                         |                                                   | 6.5                       |
| 7.0                        | 78.8                  | 23.2                             | 219 700 *                                         | 203 100 *                                         | 147 100 *                                         | 114 800 *                                         | 7.0                       |
| 7.5                        | 77.4                  | 23.1                             | 204 600                                           | 186 800                                           | 147 100 *                                         | 114 800 *                                         | 7.5                       |
| 8.0                        | 76.0                  | 22.9                             | 182 900                                           | 166 600                                           | 146 900                                           | 114 800 *                                         | 8.0                       |
| 8.5                        | 74.6                  | 22.8                             | 164 100                                           | 150 700                                           | 139 600                                           | 114 800 *                                         | 8.5                       |
| 9.0                        | 73.2                  | 22.6                             | 148 700                                           | 137 500                                           | 127 800                                           | 114 800 *                                         | 9.0                       |
| 10.0                       | 70.3                  | 22.2                             | 124 900                                           | 116 800                                           | 109 600                                           | 103 400                                           | 10.0                      |
| 11.0                       | 67.4                  | 21.8                             | 107 500                                           | 101 400                                           | 95 900                                            | 90 800                                            | 11.0                      |
| 12.0                       | 64.4                  | 21.3                             | 94 100                                            | 89 300                                            | 85 000                                            | 81 000                                            | 12.0                      |
| 13.0                       | 61.3                  | 20.7                             | 83 600                                            | 79 700                                            | 76 200                                            | 73 000                                            | 13.0                      |
| 14.0                       | 58.1                  | 20.1                             | 75 000                                            | 71 900                                            | 69 000                                            | 66 300                                            | 14.0                      |
| 15.0                       | 54.8                  | 19.4                             | 67 900                                            | 65 300                                            | 63 000                                            | 60 700                                            | 15.0                      |
| 16.0                       | 51.4                  | 18.5                             | 61 900                                            | 59 800                                            | 57 800                                            | 55 900                                            | 16.0                      |
| 18.0                       | 43.8                  | 16.6                             | 52 500                                            | 51 000                                            | 49 500                                            | 48 200                                            | 18.0                      |
| 20.0                       | 34.8                  | 13.9                             | 45 300                                            | 44 200                                            | 43 200                                            | 42 300                                            | 20.0                      |
| <b>24.4m (80 Ft.) BOOM</b> |                       |                                  |                                                   |                                                   |                                                   |                                                   |                           |
| 6.1                        | 82.4                  | 26.5                             | 238 700 *                                         |                                                   |                                                   |                                                   | 6.1                       |
| 6.5                        | 81.4                  | 26.4                             | 235 300 *                                         | 194 700 *                                         |                                                   |                                                   | 6.5                       |
| 7.0                        | 80.2                  | 26.3                             | 219 300 *                                         | 193 100 *                                         | 144 100 *                                         |                                                   | 7.0                       |
| 7.5                        | 79.0                  | 26.2                             | 204 400                                           | 185 000                                           | 144 100 *                                         | 112 900 *                                         | 7.5                       |
| 8.0                        | 77.8                  | 26.1                             | 182 900                                           | 164 600                                           | 143 800                                           | 112 900 *                                         | 8.0                       |
| 8.5                        | 76.6                  | 26.0                             | 164 100                                           | 149 100                                           | 136 800                                           | 112 900 *                                         | 8.5                       |
| 9.0                        | 75.4                  | 25.8                             | 148 700                                           | 136 100                                           | 125 400                                           | 112 900 *                                         | 9.0                       |
| 10.0                       | 72.9                  | 25.5                             | 124 800                                           | 115 700                                           | 107 800                                           | 100 700                                           | 10.0                      |
| 11.0                       | 70.4                  | 25.1                             | 107 400                                           | 100 500                                           | 94 300                                            | 88 700                                            | 11.0                      |
| 12.0                       | 67.8                  | 24.7                             | 94 000                                            | 88 600                                            | 83 700                                            | 79 200                                            | 12.0                      |
| 13.0                       | 65.2                  | 24.2                             | 83 400                                            | 79 100                                            | 75 100                                            | 71 500                                            | 13.0                      |
| 14.0                       | 62.6                  | 23.7                             | 74 900                                            | 71 300                                            | 68 000                                            | 65 000                                            | 14.0                      |
| 15.0                       | 59.8                  | 23.1                             | 67 800                                            | 64 800                                            | 62 100                                            | 59 500                                            | 15.0                      |
| 16.0                       | 57.0                  | 22.4                             | 61 800                                            | 59 300                                            | 57 000                                            | 54 800                                            | 16.0                      |
| 18.0                       | 51.1                  | 20.8                             | 52 300                                            | 50 500                                            | 48 800                                            | 47 200                                            | 18.0                      |
| 20.0                       | 44.5                  | 18.9                             | 45 200                                            | 43 800                                            | 42 600                                            | 41 400                                            | 20.0                      |
| 22.0                       | 37.0                  | 16.4                             | 39 500                                            | 38 500                                            | 37 600                                            | 36 700                                            | 22.0                      |
| 24.0                       | 27.6                  | 13.0                             | 35 000                                            | 34 200                                            | 33 600                                            | 32 900                                            | 24.0                      |

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76 750 kg Counterweight  
Crawler Machine on a Static Barge  
0 Degree thru 3 Degree Static Machine List  
No Travel - 360 Degree Rating

| Oper.<br>Radius<br>Meters   | Boom<br>Angle<br>Deg. | Boom<br>Point<br>Elev.<br>Meters | 0 Degree<br>List<br>Boom<br>Capacity<br>Kilograms | 1 Degree<br>List<br>Boom<br>Capacity<br>Kilograms | 2 Degree<br>List<br>Boom<br>Capacity<br>Kilograms | 3 Degree<br>List<br>Boom<br>Capacity<br>Kilograms | Oper.<br>Radius<br>Meters |
|-----------------------------|-----------------------|----------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------|
| <b>27.4m (90 Ft.) BOOM</b>  |                       |                                  |                                                   |                                                   |                                                   |                                                   |                           |
| 6.4                         | 82.6                  | 29.5                             | 226 100 *                                         |                                                   |                                                   |                                                   | 6.4                       |
| 6.5                         | 82.4                  | 29.5                             | 225 700 *                                         |                                                   |                                                   |                                                   | 6.5                       |
| 7.0                         | 81.3                  | 29.4                             | 219 000 *                                         | 180 600 *                                         |                                                   |                                                   | 7.0                       |
| 7.5                         | 80.3                  | 29.3                             | 204 300                                           | 177 600                                           | 140 700 *                                         |                                                   | 7.5                       |
| 8.0                         | 79.2                  | 29.2                             | 182 900                                           | 162 800                                           | 140 600                                           | 110 800 *                                         | 8.0                       |
| 8.5                         | 78.1                  | 29.1                             | 164 100                                           | 147 500                                           | 134 200                                           | 110 800 *                                         | 8.5                       |
| 9.0                         | 77.0                  | 29.0                             | 148 600                                           | 134 800                                           | 123 100                                           | 110 700                                           | 9.0                       |
| 10.0                        | 74.9                  | 28.7                             | 124 800                                           | 114 700                                           | 106 000                                           | 98 400                                            | 10.0                      |
| 11.0                        | 72.7                  | 28.4                             | 107 400                                           | 99 600                                            | 92 900                                            | 86 900                                            | 11.0                      |
| 12.0                        | 70.4                  | 28.0                             | 94 000                                            | 87 900                                            | 82 500                                            | 77 700                                            | 12.0                      |
| 13.0                        | 68.2                  | 27.6                             | 83 400                                            | 78 500                                            | 74 100                                            | 70 100                                            | 13.0                      |
| 14.0                        | 65.9                  | 27.1                             | 74 800                                            | 70 800                                            | 67 200                                            | 63 800                                            | 14.0                      |
| 15.0                        | 63.5                  | 26.6                             | 67 700                                            | 64 400                                            | 61 300                                            | 58 500                                            | 15.0                      |
| 16.0                        | 61.1                  | 26.0                             | 61 700                                            | 58 900                                            | 56 300                                            | 53 900                                            | 16.0                      |
| 18.0                        | 56.1                  | 24.7                             | 52 200                                            | 50 200                                            | 48 300                                            | 46 400                                            | 18.0                      |
| 20.0                        | 50.8                  | 23.1                             | 45 100                                            | 43 500                                            | 42 100                                            | 40 700                                            | 20.0                      |
| 22.0                        | 45.0                  | 21.2                             | 39 400                                            | 38 200                                            | 37 100                                            | 36 000                                            | 22.0                      |
| 24.0                        | 38.5                  | 18.8                             | 34 900                                            | 34 000                                            | 33 100                                            | 32 300                                            | 24.0                      |
| <b>30.5m (100 Ft.) BOOM</b> |                       |                                  |                                                   |                                                   |                                                   |                                                   |                           |
| 6.7                         | 82.8                  | 32.6                             | 217 400 *                                         |                                                   |                                                   |                                                   | 6.7                       |
| 7.0                         | 82.2                  | 32.5                             | 216 000 *                                         |                                                   |                                                   |                                                   | 7.0                       |
| 7.5                         | 81.2                  | 32.4                             | 204 300                                           | 166 900 *                                         |                                                   |                                                   | 7.5                       |
| 8.0                         | 80.3                  | 32.3                             | 182 800                                           | 161 600                                           | 136 900 *                                         |                                                   | 8.0                       |
| 8.5                         | 79.3                  | 32.2                             | 164 000                                           | 145 900                                           | 131 400                                           | 108 300 *                                         | 8.5                       |
| 9.0                         | 78.4                  | 32.1                             | 148 500                                           | 133 400                                           | 120 800                                           | 108 100                                           | 9.0                       |
| 10.0                        | 76.4                  | 31.9                             | 124 600                                           | 113 600                                           | 104 200                                           | 96 000                                            | 10.0                      |
| 11.0                        | 74.5                  | 31.6                             | 107 200                                           | 98 700                                            | 91 400                                            | 85 000                                            | 11.0                      |
| 12.0                        | 72.5                  | 31.2                             | 93 800                                            | 87 100                                            | 81 300                                            | 76 000                                            | 12.0                      |
| 13.0                        | 70.5                  | 30.9                             | 83 200                                            | 77 800                                            | 73 000                                            | 68 700                                            | 13.0                      |
| 14.0                        | 68.5                  | 30.5                             | 74 600                                            | 70 200                                            | 66 200                                            | 62 600                                            | 14.0                      |
| 15.0                        | 66.4                  | 30.0                             | 67 500                                            | 63 800                                            | 60 400                                            | 57 400                                            | 15.0                      |
| 16.0                        | 64.3                  | 29.5                             | 61 500                                            | 58 400                                            | 55 500                                            | 52 900                                            | 16.0                      |
| 18.0                        | 60.0                  | 28.4                             | 52 000                                            | 49 700                                            | 47 600                                            | 45 600                                            | 18.0                      |
| 20.0                        | 55.4                  | 27.0                             | 44 900                                            | 43 100                                            | 41 400                                            | 39 900                                            | 20.0                      |
| 22.0                        | 50.6                  | 25.4                             | 39 200                                            | 37 800                                            | 36 500                                            | 35 300                                            | 22.0                      |
| 24.0                        | 45.4                  | 23.5                             | 34 700                                            | 33 500                                            | 32 600                                            | 31 600                                            | 24.0                      |
| 26.0                        | 39.7                  | 21.2                             | 31 000                                            | 30 100                                            | 29 200                                            | 28 500                                            | 26.0                      |
| 28.0                        | 33.1                  | 18.3                             | 27 800                                            | 27 100                                            | 26 500                                            | 25 800                                            | 28.0                      |

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76 750 kg Counterweight  
Crawler Machine on a Static Barge  
0 Degree thru 3 Degree Static Machine List  
No Travel - 360 Degree Rating

| Oper.<br>Radius<br>Meters   | Boom<br>Angle<br>Deg. | Boom<br>Point<br>Elev.<br>Meters | 0 Degree<br>List<br>Boom<br>Capacity<br>Kilograms | 1 Degree<br>List<br>Boom<br>Capacity<br>Kilograms | 2 Degree<br>List<br>Boom<br>Capacity<br>Kilograms | 3 Degree<br>List<br>Boom<br>Capacity<br>Kilograms | Oper.<br>Radius<br>Meters |
|-----------------------------|-----------------------|----------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------|
| <b>33.5m (110 Ft.) BOOM</b> |                       |                                  |                                                   |                                                   |                                                   |                                                   |                           |
| 7.0                         | 82.9                  | 35.6                             | 169 800 *                                         |                                                   |                                                   |                                                   | 7.0                       |
| 7.5                         | 82.0                  | 35.5                             | 167 900 *                                         |                                                   |                                                   |                                                   | 7.5                       |
| 8.0                         | 81.2                  | 35.4                             | 166 200 *                                         | 135 900 *                                         |                                                   |                                                   | 8.0                       |
| 8.5                         | 80.3                  | 35.3                             | 163 100                                           | 134 700 *                                         | 119 800 *                                         |                                                   | 8.5                       |
| 9.0                         | 79.4                  | 35.2                             | 148 500                                           | 131 900                                           | 117 900                                           | 104 600 *                                         | 9.0                       |
| 10.0                        | 77.7                  | 35.0                             | 124 600                                           | 112 600                                           | 102 500                                           | 94 000                                            | 10.0                      |
| 11.0                        | 75.9                  | 34.7                             | 107 100                                           | 97 900                                            | 90 000                                            | 83 200                                            | 11.0                      |
| 12.0                        | 74.1                  | 34.4                             | 93 700                                            | 86 400                                            | 80 100                                            | 74 600                                            | 12.0                      |
| 13.0                        | 72.3                  | 34.1                             | 83 000                                            | 77 200                                            | 72 000                                            | 67 400                                            | 13.0                      |
| 14.0                        | 70.5                  | 33.8                             | 74 500                                            | 69 600                                            | 65 300                                            | 61 500                                            | 14.0                      |
| 15.0                        | 68.7                  | 33.3                             | 67 400                                            | 63 300                                            | 59 700                                            | 56 300                                            | 15.0                      |
| 16.0                        | 66.8                  | 32.9                             | 61 300                                            | 57 900                                            | 54 800                                            | 52 000                                            | 16.0                      |
| 18.0                        | 63.0                  | 31.9                             | 51 900                                            | 49 300                                            | 47 000                                            | 44 800                                            | 18.0                      |
| 20.0                        | 59.0                  | 30.7                             | 44 700                                            | 42 700                                            | 40 900                                            | 39 200                                            | 20.0                      |
| 22.0                        | 54.9                  | 29.3                             | 39 100                                            | 37 500                                            | 36 100                                            | 34 700                                            | 22.0                      |
| 24.0                        | 50.5                  | 27.7                             | 34 500                                            | 33 300                                            | 32 100                                            | 31 000                                            | 24.0                      |
| 26.0                        | 45.8                  | 25.8                             | 30 800                                            | 29 700                                            | 28 800                                            | 27 900                                            | 26.0                      |
| 28.0                        | 40.6                  | 23.6                             | 27 600                                            | 26 800                                            | 26 100                                            | 25 300                                            | 28.0                      |
| 30.0                        | 34.9                  | 20.9                             | 25 000                                            | 24 300                                            | 23 700                                            | 23 100                                            | 30.0                      |
| 32.0                        | 28.0                  | 17.4                             | 22 700                                            | 22 100                                            | 21 700                                            | 21 200                                            | 32.0                      |
| <b>36.6m (120 Ft.) BOOM</b> |                       |                                  |                                                   |                                                   |                                                   |                                                   |                           |
| 7.3                         | 83.0                  | 38.6                             | 164 900 *                                         |                                                   |                                                   |                                                   | 7.3                       |
| 7.5                         | 82.7                  | 38.6                             | 164 300 *                                         |                                                   |                                                   |                                                   | 7.5                       |
| 8.0                         | 81.9                  | 38.5                             | 162 600 *                                         | 132 800 *                                         |                                                   |                                                   | 8.0                       |
| 8.5                         | 81.1                  | 38.4                             | 161 000 *                                         | 131 700 *                                         |                                                   |                                                   | 8.5                       |
| 9.0                         | 80.3                  | 38.3                             | 148 500                                           | 129 500                                           | 115 200                                           |                                                   | 9.0                       |
| 10.0                        | 78.7                  | 38.1                             | 124 400                                           | 111 500                                           | 100 800                                           | 91 900                                            | 10.0                      |
| 11.0                        | 77.1                  | 37.9                             | 106 900                                           | 97 000                                            | 88 600                                            | 81 400                                            | 11.0                      |
| 12.0                        | 75.5                  | 37.6                             | 93 400                                            | 85 600                                            | 78 900                                            | 73 000                                            | 12.0                      |
| 13.0                        | 73.9                  | 37.3                             | 82 800                                            | 76 500                                            | 71 000                                            | 66 100                                            | 13.0                      |
| 14.0                        | 72.2                  | 37.0                             | 74 200                                            | 69 000                                            | 64 400                                            | 60 300                                            | 14.0                      |
| 15.0                        | 70.5                  | 36.6                             | 67 100                                            | 62 700                                            | 58 800                                            | 55 300                                            | 15.0                      |
| 16.0                        | 68.9                  | 36.2                             | 61 100                                            | 57 400                                            | 54 000                                            | 51 000                                            | 16.0                      |
| 18.0                        | 65.4                  | 35.3                             | 51 600                                            | 48 800                                            | 46 300                                            | 44 000                                            | 18.0                      |
| 20.0                        | 61.9                  | 34.3                             | 44 400                                            | 42 300                                            | 40 300                                            | 38 500                                            | 20.0                      |
| 22.0                        | 58.2                  | 33.1                             | 38 800                                            | 37 100                                            | 35 500                                            | 34 000                                            | 22.0                      |
| 24.0                        | 54.4                  | 31.7                             | 34 200                                            | 32 900                                            | 31 600                                            | 30 400                                            | 24.0                      |
| 26.0                        | 50.4                  | 30.0                             | 30 500                                            | 29 400                                            | 28 300                                            | 27 400                                            | 26.0                      |
| 28.0                        | 46.1                  | 28.2                             | 27 400                                            | 26 400                                            | 25 600                                            | 24 700                                            | 28.0                      |
| 30.0                        | 41.4                  | 26.0                             | 24 700                                            | 23 900                                            | 23 200                                            | 22 500                                            | 30.0                      |
| 32.0                        | 36.3                  | 23.4                             | 22 400                                            | 21 800                                            | 21 200                                            | 20 600                                            | 32.0                      |
| 34.0                        | 30.3                  | 20.1                             | 20 400                                            | 19 800                                            | 19 400                                            | 18 900                                            | 34.0                      |

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0 Degree thru 3 Degree Static Machine List  
No Travel - 360 Degree Rating

| Oper.<br>Radius<br>Meters   | Boom<br>Angle<br>Deg. | Boom<br>Point<br>Elev.<br>Meters | 0 Degree<br>List<br>Boom<br>Capacity<br>Kilograms | 1 Degree<br>List<br>Boom<br>Capacity<br>Kilograms | 2 Degree<br>List<br>Boom<br>Capacity<br>Kilograms | 3 Degree<br>List<br>Boom<br>Capacity<br>Kilograms | Oper.<br>Radius<br>Meters |
|-----------------------------|-----------------------|----------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------|
| <b>39.6m (130 Ft.) BOOM</b> |                       |                                  |                                                   |                                                   |                                                   |                                                   |                           |
| 7.9                         | 82.7                  | 41.6                             | 159 000 *                                         |                                                   |                                                   |                                                   | 7.9                       |
| 8.0                         | 82.6                  | 41.6                             | 158 800 *                                         |                                                   |                                                   |                                                   | 8.0                       |
| 8.5                         | 81.8                  | 41.5                             | 157 300 *                                         |                                                   |                                                   |                                                   | 8.5                       |
| 9.0                         | 81.1                  | 41.4                             | 149 000                                           | 127 200                                           |                                                   |                                                   | 9.0                       |
| 10.0                        | 79.6                  | 41.3                             | 124 400                                           | 110 600                                           | 99 400                                            | 90 000                                            | 10.0                      |
| 11.0                        | 78.1                  | 41.0                             | 106 900                                           | 96 300                                            | 87 400                                            | 79 900                                            | 11.0                      |
| 12.0                        | 76.6                  | 40.8                             | 93 400                                            | 85 100                                            | 77 900                                            | 71 700                                            | 12.0                      |
| 13.0                        | 75.1                  | 40.5                             | 82 800                                            | 76 000                                            | 70 200                                            | 65 000                                            | 13.0                      |
| 14.0                        | 73.6                  | 40.2                             | 74 200                                            | 68 600                                            | 63 700                                            | 59 300                                            | 14.0                      |
| 15.0                        | 72.1                  | 39.9                             | 67 100                                            | 62 400                                            | 58 200                                            | 54 500                                            | 15.0                      |
| 16.0                        | 70.6                  | 39.5                             | 61 100                                            | 57 100                                            | 53 500                                            | 50 300                                            | 16.0                      |
| 18.0                        | 67.4                  | 38.7                             | 51 600                                            | 48 600                                            | 45 900                                            | 43 400                                            | 18.0                      |
| 20.0                        | 64.2                  | 37.7                             | 44 400                                            | 42 100                                            | 40 000                                            | 38 000                                            | 20.0                      |
| 22.0                        | 60.9                  | 36.6                             | 38 800                                            | 36 900                                            | 35 200                                            | 33 600                                            | 22.0                      |
| 24.0                        | 57.5                  | 35.4                             | 34 200                                            | 32 700                                            | 31 300                                            | 30 000                                            | 24.0                      |
| 26.0                        | 54.0                  | 34.0                             | 30 500                                            | 29 200                                            | 28 100                                            | 27 000                                            | 26.0                      |
| 28.0                        | 50.3                  | 32.3                             | 27 300                                            | 26 300                                            | 25 300                                            | 24 400                                            | 28.0                      |
| 30.0                        | 46.3                  | 30.5                             | 24 700                                            | 23 800                                            | 23 000                                            | 22 200                                            | 30.0                      |
| 32.0                        | 42.0                  | 28.3                             | 22 400                                            | 21 600                                            | 21 000                                            | 20 300                                            | 32.0                      |
| 34.0                        | 37.4                  | 25.8                             | 20 400                                            | 19 800                                            | 19 200                                            | 18 700                                            | 34.0                      |
| 36.0                        | 32.2                  | 22.8                             | 18 600                                            | 18 100                                            | 17 600                                            | 17 200                                            | 36.0                      |
| 38.0                        | 25.9                  | 19.0                             | 17 100                                            | 16 600                                            | 16 300                                            | 15 900                                            | 38.0                      |
| <b>42.7m (140 Ft.) BOOM</b> |                       |                                  |                                                   |                                                   |                                                   |                                                   |                           |
| 8.2                         | 82.8                  | 44.7                             | 155 000 *                                         |                                                   |                                                   |                                                   | 8.2                       |
| 8.5                         | 82.4                  | 44.6                             | 154 300 *                                         |                                                   |                                                   |                                                   | 8.5                       |
| 9.0                         | 81.7                  | 44.5                             | 149 200                                           | 124 800 *                                         |                                                   |                                                   | 9.0                       |
| 10.0                        | 80.4                  | 44.4                             | 124 200                                           | 109 600                                           | 97 800                                            |                                                   | 10.0                      |
| 11.0                        | 79.0                  | 44.2                             | 106 700                                           | 95 400                                            | 86 000                                            | 78 200                                            | 11.0                      |
| 12.0                        | 77.6                  | 43.9                             | 93 200                                            | 84 300                                            | 76 800                                            | 70 300                                            | 12.0                      |
| 13.0                        | 76.2                  | 43.7                             | 82 600                                            | 75 300                                            | 69 100                                            | 63 700                                            | 13.0                      |
| 14.0                        | 74.8                  | 43.4                             | 74 000                                            | 67 900                                            | 62 800                                            | 58 200                                            | 14.0                      |
| 15.0                        | 73.4                  | 43.1                             | 66 800                                            | 61 800                                            | 57 400                                            | 53 400                                            | 15.0                      |
| 16.0                        | 72.0                  | 42.8                             | 60 800                                            | 56 500                                            | 52 700                                            | 49 300                                            | 16.0                      |
| 18.0                        | 69.1                  | 42.0                             | 51 300                                            | 48 100                                            | 45 200                                            | 42 600                                            | 18.0                      |
| 20.0                        | 66.2                  | 41.1                             | 44 100                                            | 41 600                                            | 39 400                                            | 37 200                                            | 20.0                      |
| 22.0                        | 63.2                  | 40.1                             | 38 500                                            | 36 500                                            | 34 600                                            | 32 900                                            | 22.0                      |
| 24.0                        | 60.1                  | 39.0                             | 33 900                                            | 32 300                                            | 30 800                                            | 29 400                                            | 24.0                      |
| 26.0                        | 56.9                  | 37.7                             | 30 200                                            | 28 800                                            | 27 600                                            | 26 400                                            | 26.0                      |
| 28.0                        | 53.6                  | 36.3                             | 27 000                                            | 25 900                                            | 24 900                                            | 23 900                                            | 28.0                      |
| 30.0                        | 50.2                  | 34.6                             | 24 400                                            | 23 400                                            | 22 500                                            | 21 700                                            | 30.0                      |
| 32.0                        | 46.5                  | 32.8                             | 22 100                                            | 21 300                                            | 20 500                                            | 19 800                                            | 32.0                      |
| 34.0                        | 42.6                  | 30.7                             | 20 100                                            | 19 400                                            | 18 700                                            | 18 100                                            | 34.0                      |
| 36.0                        | 38.3                  | 28.2                             | 18 300                                            | 17 700                                            | 17 200                                            | 16 700                                            | 36.0                      |
| 38.0                        | 33.6                  | 25.3                             | 16 800                                            | 16 300                                            | 15 800                                            | 15 400                                            | 38.0                      |

# Liftcrane Boom Capacities

## 2250 SERIES 1

Boom No. 44 With Heavy Lift Top  
76 750 kg Counterweight  
Crawler Machine on a Static Barge  
0 Degree thru 3 Degree Static Machine List  
No Travel - 360 Degree Rating

| Oper.<br>Radius<br>Meters   | Boom<br>Angle<br>Deg. | Boom<br>Point<br>Elev.<br>Meters | 0 Degree<br>List<br>Boom<br>Capacity<br>Kilograms | 1 Degree<br>List<br>Boom<br>Capacity<br>Kilograms | 2 Degree<br>List<br>Boom<br>Capacity<br>Kilograms | 3 Degree<br>List<br>Boom<br>Capacity<br>Kilograms | Oper.<br>Radius<br>Meters |
|-----------------------------|-----------------------|----------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------|
| <b>45.7m (150 Ft.) BOOM</b> |                       |                                  |                                                   |                                                   |                                                   |                                                   |                           |
| 8.5                         | 82.9                  | 47.7                             | 137 100 *                                         |                                                   |                                                   |                                                   | 8.5                       |
| 9.0                         | 82.3                  | 47.6                             | 135 800 *                                         |                                                   |                                                   |                                                   | 9.0                       |
| 10.0                        | 81.0                  | 47.5                             | 125 100                                           | 101 100 *                                         |                                                   |                                                   | 10.0                      |
| 11.0                        | 79.7                  | 47.3                             | 106 500                                           | 94 600                                            | 84 800                                            | 75 400                                            | 11.0                      |
| 12.0                        | 78.5                  | 47.1                             | 93 000                                            | 83 600                                            | 75 700                                            | 69 000                                            | 12.0                      |
| 13.0                        | 77.2                  | 46.8                             | 82 400                                            | 74 700                                            | 68 200                                            | 62 500                                            | 13.0                      |
| 14.0                        | 75.9                  | 46.6                             | 73 700                                            | 67 400                                            | 61 900                                            | 57 100                                            | 14.0                      |
| 15.0                        | 74.6                  | 46.3                             | 66 600                                            | 61 300                                            | 56 600                                            | 52 500                                            | 15.0                      |
| 16.0                        | 73.3                  | 46.0                             | 60 600                                            | 56 100                                            | 52 100                                            | 48 500                                            | 16.0                      |
| 18.0                        | 70.6                  | 45.3                             | 51 100                                            | 47 700                                            | 44 600                                            | 41 800                                            | 18.0                      |
| 20.0                        | 67.9                  | 44.5                             | 43 900                                            | 41 200                                            | 38 800                                            | 36 600                                            | 20.0                      |
| 22.0                        | 65.2                  | 43.6                             | 38 200                                            | 36 100                                            | 34 200                                            | 32 400                                            | 22.0                      |
| 24.0                        | 62.3                  | 42.5                             | 33 700                                            | 31 900                                            | 30 300                                            | 28 900                                            | 24.0                      |
| 26.0                        | 59.4                  | 41.4                             | 30 000                                            | 28 500                                            | 27 200                                            | 25 900                                            | 26.0                      |
| 28.0                        | 56.4                  | 40.0                             | 26 800                                            | 25 600                                            | 24 500                                            | 23 400                                            | 28.0                      |
| 30.0                        | 53.3                  | 38.6                             | 24 100                                            | 23 100                                            | 22 100                                            | 21 300                                            | 30.0                      |
| 32.0                        | 50.1                  | 36.9                             | 21 800                                            | 21 000                                            | 20 100                                            | 19 400                                            | 32.0                      |
| 34.0                        | 46.7                  | 35.1                             | 19 800                                            | 19 100                                            | 18 400                                            | 17 700                                            | 34.0                      |
| 36.0                        | 43.0                  | 33.0                             | 18 100                                            | 17 400                                            | 16 800                                            | 16 300                                            | 36.0                      |
| 38.0                        | 39.1                  | 30.6                             | 16 500                                            | 16 000                                            | 15 500                                            | 15 000                                            | 38.0                      |
| 40.0                        | 34.9                  | 27.8                             | 15 200                                            | 14 700                                            | 14 200                                            | 13 800                                            | 40.0                      |
| 42.0                        | 30.1                  | 24.6                             | 13 900                                            | 13 500                                            | 13 100                                            | 12 800                                            | 42.0                      |
| <b>48.8m (160 Ft.) BOOM</b> |                       |                                  |                                                   |                                                   |                                                   |                                                   |                           |
| 8.8                         | 83.0                  | 50.7                             | 132 400 *                                         |                                                   |                                                   |                                                   | 8.8                       |
| 9.0                         | 82.8                  | 50.7                             | 132 000 *                                         |                                                   |                                                   |                                                   | 9.0                       |
| 10.0                        | 81.6                  | 50.6                             | 125 300                                           | 98 400 *                                          |                                                   |                                                   | 10.0                      |
| 11.0                        | 80.4                  | 50.4                             | 106 300                                           | 93 700                                            | 83 400                                            |                                                   | 11.0                      |
| 12.0                        | 79.2                  | 50.2                             | 92 800                                            | 82 800                                            | 74 500                                            | 67 500                                            | 12.0                      |
| 13.0                        | 78.0                  | 50.0                             | 82 100                                            | 74 000                                            | 67 200                                            | 61 300                                            | 13.0                      |
| 14.0                        | 76.8                  | 49.7                             | 73 500                                            | 66 800                                            | 61 000                                            | 56 000                                            | 14.0                      |
| 15.0                        | 75.6                  | 49.4                             | 66 300                                            | 60 700                                            | 55 800                                            | 51 500                                            | 15.0                      |
| 16.0                        | 74.3                  | 49.2                             | 60 300                                            | 55 500                                            | 51 300                                            | 47 500                                            | 16.0                      |
| 18.0                        | 71.9                  | 48.5                             | 50 800                                            | 47 200                                            | 43 900                                            | 41 000                                            | 18.0                      |
| 20.0                        | 69.4                  | 47.8                             | 43 600                                            | 40 800                                            | 38 200                                            | 35 900                                            | 20.0                      |
| 22.0                        | 66.8                  | 46.9                             | 37 900                                            | 35 700                                            | 33 600                                            | 31 700                                            | 22.0                      |
| 24.0                        | 64.2                  | 46.0                             | 33 400                                            | 31 500                                            | 29 800                                            | 28 300                                            | 24.0                      |
| 26.0                        | 61.5                  | 44.9                             | 29 600                                            | 28 100                                            | 26 700                                            | 25 400                                            | 26.0                      |
| 28.0                        | 58.8                  | 43.7                             | 26 500                                            | 25 200                                            | 24 000                                            | 22 900                                            | 28.0                      |
| 30.0                        | 56.0                  | 42.4                             | 23 800                                            | 22 700                                            | 21 700                                            | 20 700                                            | 30.0                      |
| 32.0                        | 53.1                  | 40.9                             | 21 500                                            | 20 500                                            | 19 700                                            | 18 900                                            | 32.0                      |
| 34.0                        | 50.0                  | 39.2                             | 19 500                                            | 18 700                                            | 18 000                                            | 17 200                                            | 34.0                      |
| 36.0                        | 46.8                  | 37.4                             | 17 800                                            | 17 000                                            | 16 400                                            | 15 800                                            | 36.0                      |
| 38.0                        | 43.4                  | 35.3                             | 16 200                                            | 15 600                                            | 15 000                                            | 14 500                                            | 38.0                      |
| 40.0                        | 39.8                  | 33.0                             | 14 800                                            | 14 300                                            | 13 800                                            | 13 400                                            | 40.0                      |
| 42.0                        | 35.9                  | 30.3                             | 13 600                                            | 13 100                                            | 12 700                                            | 12 300                                            | 42.0                      |
| 44.0                        | 31.6                  | 27.2                             | 12 500                                            | 12 100                                            | 11 700                                            | 11 400                                            | 44.0                      |

# Liftcrane Boom Capacities

## 2250 SERIES 1

Boom No. 44 With Heavy Lift Top  
76 750 kg Counterweight  
Crawler Machine on a Static Barge  
0 Degree thru 3 Degree Static Machine List  
No Travel - 360 Degree Rating

| Oper.<br>Radius<br>Meters   | Boom<br>Angle<br>Deg. | Boom<br>Point<br>Elev.<br>Meters | 0 Degree<br>List<br>Boom<br>Capacity<br>Kilograms | 1 Degree<br>List<br>Boom<br>Capacity<br>Kilograms | 2 Degree<br>List<br>Boom<br>Capacity<br>Kilograms | 3 Degree<br>List<br>Boom<br>Capacity<br>Kilograms | Oper.<br>Radius<br>Meters |
|-----------------------------|-----------------------|----------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------|
| <b>51.8m (170 Ft.) BOOM</b> |                       |                                  |                                                   |                                                   |                                                   |                                                   |                           |
| 9.1                         | 83.0                  | 53.8                             | 128 800 *                                         |                                                   |                                                   |                                                   | 9.1                       |
| 10.0                        | 82.1                  | 53.6                             | 124 300                                           |                                                   |                                                   |                                                   | 10.0                      |
| 11.0                        | 81.0                  | 53.5                             | 106 200                                           | 93 000                                            | 81 700                                            |                                                   | 11.0                      |
| 12.0                        | 79.8                  | 53.3                             | 92 700                                            | 82 200                                            | 73 700                                            |                                                   | 12.0                      |
| 13.0                        | 78.7                  | 53.1                             | 82 100                                            | 73 500                                            | 66 400                                            | 60 300                                            | 13.0                      |
| 14.0                        | 77.6                  | 52.9                             | 73 500                                            | 66 400                                            | 60 300                                            | 55 200                                            | 14.0                      |
| 15.0                        | 76.4                  | 52.6                             | 66 300                                            | 60 300                                            | 55 200                                            | 50 700                                            | 15.0                      |
| 16.0                        | 75.3                  | 52.3                             | 60 300                                            | 55 100                                            | 50 800                                            | 46 900                                            | 16.0                      |
| 18.0                        | 73.0                  | 51.7                             | 50 800                                            | 46 900                                            | 43 500                                            | 40 500                                            | 18.0                      |
| 20.0                        | 70.6                  | 51.0                             | 43 600                                            | 40 600                                            | 37 900                                            | 35 400                                            | 20.0                      |
| 22.0                        | 68.3                  | 50.2                             | 37 900                                            | 35 500                                            | 33 300                                            | 31 300                                            | 22.0                      |
| 24.0                        | 65.8                  | 49.4                             | 33 300                                            | 31 400                                            | 29 600                                            | 27 900                                            | 24.0                      |
| 26.0                        | 63.4                  | 48.4                             | 29 600                                            | 27 900                                            | 26 400                                            | 25 000                                            | 26.0                      |
| 28.0                        | 60.8                  | 47.3                             | 26 400                                            | 25 000                                            | 23 800                                            | 22 600                                            | 28.0                      |
| 30.0                        | 58.3                  | 46.0                             | 23 800                                            | 22 600                                            | 21 500                                            | 20 500                                            | 30.0                      |
| 32.0                        | 55.6                  | 44.7                             | 21 500                                            | 20 500                                            | 19 500                                            | 18 600                                            | 32.0                      |
| 34.0                        | 52.8                  | 43.2                             | 19 500                                            | 18 600                                            | 17 800                                            | 17 000                                            | 34.0                      |
| 36.0                        | 50.0                  | 41.5                             | 17 700                                            | 16 900                                            | 16 200                                            | 15 600                                            | 36.0                      |
| 38.0                        | 47.0                  | 39.7                             | 16 200                                            | 15 500                                            | 14 900                                            | 14 300                                            | 38.0                      |
| 40.0                        | 43.8                  | 37.7                             | 14 800                                            | 14 200                                            | 13 700                                            | 13 100                                            | 40.0                      |
| 42.0                        | 40.4                  | 35.4                             | 13 500                                            | 13 000                                            | 12 600                                            | 12 100                                            | 42.0                      |
| 44.0                        | 36.8                  | 32.8                             | 12 400                                            | 12 000                                            | 11 600                                            | 11 200                                            | 44.0                      |
| 46.0                        | 32.8                  | 29.8                             | 11 400                                            | 11 000                                            | 10 700                                            | 10 300                                            | 46.0                      |
| 48.0                        | 28.4                  | 26.3                             | 10 500                                            | 10 200                                            | 9 900                                             | 9 500                                             | 48.0                      |
| <b>54.9m (180 Ft.) BOOM</b> |                       |                                  |                                                   |                                                   |                                                   |                                                   |                           |
| 9.8                         | 82.8                  | 56.8                             | 124 500 *                                         |                                                   |                                                   |                                                   | 9.8                       |
| 10.0                        | 82.5                  | 56.7                             | 121 300                                           |                                                   |                                                   |                                                   | 10.0                      |
| 11.0                        | 81.5                  | 56.6                             | 106 000                                           | 92 100                                            |                                                   |                                                   | 11.0                      |
| 12.0                        | 80.4                  | 56.4                             | 92 500                                            | 81 400                                            | 72 500                                            |                                                   | 12.0                      |
| 13.0                        | 79.3                  | 56.2                             | 81 800                                            | 72 800                                            | 65 400                                            | 59 200                                            | 13.0                      |
| 14.0                        | 78.3                  | 56.0                             | 73 200                                            | 65 700                                            | 59 500                                            | 54 100                                            | 14.0                      |
| 15.0                        | 77.2                  | 55.7                             | 66 000                                            | 59 800                                            | 54 400                                            | 49 800                                            | 15.0                      |
| 16.0                        | 76.1                  | 55.5                             | 60 000                                            | 54 600                                            | 50 000                                            | 46 000                                            | 16.0                      |
| 18.0                        | 74.0                  | 54.9                             | 50 500                                            | 46 400                                            | 42 900                                            | 39 700                                            | 18.0                      |
| 20.0                        | 71.8                  | 54.3                             | 43 300                                            | 40 100                                            | 37 300                                            | 34 800                                            | 20.0                      |
| 22.0                        | 69.5                  | 53.5                             | 37 600                                            | 35 000                                            | 32 800                                            | 30 700                                            | 22.0                      |
| 24.0                        | 67.3                  | 52.7                             | 33 000                                            | 31 000                                            | 29 100                                            | 27 300                                            | 24.0                      |
| 26.0                        | 65.0                  | 51.8                             | 29 300                                            | 27 500                                            | 26 000                                            | 24 500                                            | 26.0                      |
| 28.0                        | 62.6                  | 50.7                             | 26 100                                            | 24 700                                            | 23 300                                            | 22 100                                            | 28.0                      |
| 30.0                        | 60.2                  | 49.6                             | 23 500                                            | 22 200                                            | 21 100                                            | 20 000                                            | 30.0                      |
| 32.0                        | 57.8                  | 48.4                             | 21 200                                            | 20 100                                            | 19 100                                            | 18 100                                            | 32.0                      |
| 34.0                        | 55.2                  | 47.0                             | 19 200                                            | 18 200                                            | 17 300                                            | 16 600                                            | 34.0                      |
| 36.0                        | 52.6                  | 45.5                             | 17 400                                            | 16 600                                            | 15 800                                            | 15 100                                            | 36.0                      |
| 38.0                        | 49.9                  | 43.8                             | 15 900                                            | 15 100                                            | 14 500                                            | 13 800                                            | 38.0                      |
| 40.0                        | 47.1                  | 42.0                             | 14 500                                            | 13 800                                            | 13 200                                            | 12 700                                            | 40.0                      |
| 42.0                        | 44.1                  | 40.0                             | 13 200                                            | 12 700                                            | 12 200                                            | 11 700                                            | 42.0                      |
| 44.0                        | 41.0                  | 37.7                             | 12 100                                            | 11 600                                            | 11 200                                            | 10 700                                            | 44.0                      |
| 46.0                        | 37.6                  | 35.2                             | 11 100                                            | 10 700                                            | 10 300                                            | 9 900                                             | 46.0                      |
| 48.0                        | 33.9                  | 32.3                             | 10 200                                            | 9 800                                             | 9 400                                             | 9 100                                             | 48.0                      |
| 50.0                        | 29.9                  | 29.0                             | 9 300                                             | 9 000                                             | 8 700                                             | 8 400                                             | 50.0                      |



# Liftcrane Boom Capacities

## 2250 SERIES 1

Boom No. 44 With Heavy Lift Top  
76 750 kg Counterweight  
Crawler Machine on a Static Barge  
0 Degree thru 3 Degree Static Machine List  
No Travel - 360 Degree Rating

| Oper.<br>Radius<br>Meters   | Boom<br>Angle<br>Deg. | Boom<br>Point<br>Elev.<br>Meters | 0 Degree<br>List<br>Boom<br>Capacity<br>Kilograms | 1 Degree<br>List<br>Boom<br>Capacity<br>Kilograms | 2 Degree<br>List<br>Boom<br>Capacity<br>Kilograms | 3 Degree<br>List<br>Boom<br>Capacity<br>Kilograms | Oper.<br>Radius<br>Meters |
|-----------------------------|-----------------------|----------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------|
| <b>57.9m (190 Ft.) BOOM</b> |                       |                                  |                                                   |                                                   |                                                   |                                                   |                           |
| 10.4                        | 82.6                  | 59.7                             | 109 400 *                                         |                                                   |                                                   |                                                   | 10.4                      |
| 11.0                        | 81.9                  | 59.7                             | 106 000                                           | 79 700 *                                          |                                                   |                                                   | 11.0                      |
| 12.0                        | 80.9                  | 59.5                             | 92 300                                            | 78 700 *                                          |                                                   |                                                   | 12.0                      |
| 13.0                        | 79.9                  | 59.3                             | 81 600                                            | 72 200                                            | 63 900                                            |                                                   | 13.0                      |
| 14.0                        | 78.9                  | 59.1                             | 73 000                                            | 65 200                                            | 58 700                                            | 53 100                                            | 14.0                      |
| 15.0                        | 77.9                  | 58.9                             | 65 800                                            | 59 200                                            | 53 700                                            | 48 900                                            | 15.0                      |
| 16.0                        | 76.9                  | 58.6                             | 59 800                                            | 54 200                                            | 49 300                                            | 45 200                                            | 16.0                      |
| 18.0                        | 74.8                  | 58.1                             | 50 300                                            | 46 000                                            | 42 300                                            | 39 000                                            | 18.0                      |
| 20.0                        | 72.8                  | 57.5                             | 43 000                                            | 39 700                                            | 36 800                                            | 34 100                                            | 20.0                      |
| 22.0                        | 70.7                  | 56.8                             | 37 300                                            | 34 700                                            | 32 300                                            | 30 100                                            | 22.0                      |
| 24.0                        | 68.5                  | 56.0                             | 32 800                                            | 30 600                                            | 28 600                                            | 26 800                                            | 24.0                      |
| 26.0                        | 66.4                  | 55.1                             | 29 000                                            | 27 200                                            | 25 500                                            | 24 000                                            | 26.0                      |
| 28.0                        | 64.2                  | 54.2                             | 25 900                                            | 24 300                                            | 22 900                                            | 21 600                                            | 28.0                      |
| 30.0                        | 61.9                  | 53.1                             | 23 200                                            | 21 900                                            | 20 700                                            | 19 500                                            | 30.0                      |
| 32.0                        | 59.7                  | 52.0                             | 20 900                                            | 19 800                                            | 18 700                                            | 17 700                                            | 32.0                      |
| 34.0                        | 57.3                  | 50.7                             | 18 900                                            | 17 900                                            | 17 000                                            | 16 100                                            | 34.0                      |
| 36.0                        | 54.9                  | 49.3                             | 17 200                                            | 16 300                                            | 15 500                                            | 14 700                                            | 36.0                      |
| 38.0                        | 52.4                  | 47.8                             | 15 600                                            | 14 800                                            | 14 100                                            | 13 500                                            | 38.0                      |
| 40.0                        | 49.9                  | 46.1                             | 14 200                                            | 13 500                                            | 12 900                                            | 12 300                                            | 40.0                      |
| 42.0                        | 47.2                  | 44.3                             | 13 000                                            | 12 400                                            | 11 800                                            | 11 300                                            | 42.0                      |
| 44.0                        | 44.4                  | 42.3                             | 11 900                                            | 11 300                                            | 10 800                                            | 10 400                                            | 44.0                      |
| 46.0                        | 41.4                  | 40.1                             | 10 800                                            | 10 300                                            | 9 900                                             | 9 500                                             | 46.0                      |
| 48.0                        | 38.3                  | 37.6                             | 9 900                                             | 9 500                                             | 9 100                                             | 8 700                                             | 48.0                      |
| 50.0                        | 34.9                  | 34.8                             | 9 100                                             | 8 700                                             | 8 300                                             | 8 000                                             | 50.0                      |
| 52.0                        | 31.2                  | 31.6                             | 8 300                                             | 8 000                                             | 7 600                                             | 7 400                                             | 52.0                      |

# Liftcrane Boom Capacities

## 2250 SERIES 1

Boom No. 44 With Heavy Lift Top  
76 750 kg Counterweight  
Crawler Machine on a Static Barge  
0 Degree thru 3 Degree Static Machine List  
No Travel - 360 Degree Rating

| Oper.<br>Radius<br>Meters   | Boom<br>Angle<br>Deg. | Boom<br>Point<br>Elev.<br>Meters | 0 Degree<br>List<br>Boom<br>Capacity<br>Kilograms | 1 Degree<br>List<br>Boom<br>Capacity<br>Kilograms | 2 Degree<br>List<br>Boom<br>Capacity<br>Kilograms | 3 Degree<br>List<br>Boom<br>Capacity<br>Kilograms | Oper.<br>Radius<br>Meters |
|-----------------------------|-----------------------|----------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------|
| <b>61.0m (200 Ft.) BOOM</b> |                       |                                  |                                                   |                                                   |                                                   |                                                   |                           |
| 10.4                        | 82.9                  | 62.8                             | 105 800 *                                         |                                                   |                                                   |                                                   | 10.4                      |
| 11.0                        | 82.3                  | 62.7                             | 104 600                                           |                                                   |                                                   |                                                   | 11.0                      |
| 12.0                        | 81.4                  | 62.6                             | 92 200                                            | 76 300 *                                          |                                                   |                                                   | 12.0                      |
| 13.0                        | 80.4                  | 62.4                             | 81 400                                            | 71 800                                            | 61 800                                            |                                                   | 13.0                      |
| 14.0                        | 79.5                  | 62.2                             | 72 700                                            | 64 500                                            | 57 800                                            | 51 500 *                                          | 14.0                      |
| 15.0                        | 78.5                  | 62.0                             | 65 600                                            | 58 700                                            | 52 900                                            | 48 000                                            | 15.0                      |
| 16.0                        | 77.5                  | 61.8                             | 59 500                                            | 53 600                                            | 48 600                                            | 44 300                                            | 16.0                      |
| 18.0                        | 75.6                  | 61.3                             | 50 000                                            | 45 500                                            | 41 700                                            | 38 300                                            | 18.0                      |
| 20.0                        | 73.6                  | 60.7                             | 42 700                                            | 39 200                                            | 36 200                                            | 33 500                                            | 20.0                      |
| 22.0                        | 71.7                  | 60.0                             | 37 100                                            | 34 200                                            | 31 800                                            | 29 500                                            | 22.0                      |
| 24.0                        | 69.7                  | 59.3                             | 32 500                                            | 30 200                                            | 28 100                                            | 26 200                                            | 24.0                      |
| 26.0                        | 67.6                  | 58.5                             | 28 700                                            | 26 800                                            | 25 100                                            | 23 500                                            | 26.0                      |
| 28.0                        | 65.6                  | 57.6                             | 25 600                                            | 23 900                                            | 22 500                                            | 21 100                                            | 28.0                      |
| 30.0                        | 63.5                  | 56.6                             | 22 900                                            | 21 500                                            | 20 200                                            | 19 000                                            | 30.0                      |
| 32.0                        | 61.3                  | 55.5                             | 20 600                                            | 19 400                                            | 18 300                                            | 17 300                                            | 32.0                      |
| 34.0                        | 59.2                  | 54.3                             | 18 600                                            | 17 500                                            | 16 600                                            | 15 700                                            | 34.0                      |
| 36.0                        | 56.9                  | 53.0                             | 16 800                                            | 15 900                                            | 15 100                                            | 14 300                                            | 36.0                      |
| 38.0                        | 54.6                  | 51.6                             | 15 300                                            | 14 400                                            | 13 700                                            | 13 000                                            | 38.0                      |
| 40.0                        | 52.3                  | 50.1                             | 13 900                                            | 13 200                                            | 12 500                                            | 11 900                                            | 40.0                      |
| 42.0                        | 49.8                  | 48.4                             | 12 700                                            | 12 000                                            | 11 400                                            | 10 900                                            | 42.0                      |
| 44.0                        | 47.3                  | 46.6                             | 11 500                                            | 11 000                                            | 10 400                                            | 9 900                                             | 44.0                      |
| 46.0                        | 44.6                  | 44.6                             | 10 500                                            | 10 000                                            | 9 500                                             | 9 100                                             | 46.0                      |
| 48.0                        | 41.8                  | 42.4                             | 9 600                                             | 9 200                                             | 8 700                                             | 8 300                                             | 48.0                      |
| 50.0                        | 38.9                  | 40.0                             | 8 800                                             | 8 300                                             | 8 000                                             | 7 600                                             | 50.0                      |
| 52.0                        | 35.7                  | 37.3                             | 8 000                                             | 7 600                                             | 7 300                                             | 7 000                                             | 52.0                      |
| 54.0                        | 32.3                  | 34.2                             | 7 300                                             | 6 900                                             | 6 600                                             | 6 300                                             | 54.0                      |
| 56.0                        | 28.5                  | 30.7                             | 6 600                                             | 6 300                                             | 6 100                                             | 5 800                                             | 56.0                      |



# Liftcrane Boom Capacities

## 2250 SERIES 1

Boom No. 44 With Heavy Lift Top  
76 750 kg Counterweight  
Crawler Machine on a Static Barge  
0 Degree thru 3 Degree Static Machine List  
No Travel - 360 Degree Rating

| Oper.<br>Radius<br>Meters   | Boom<br>Angle<br>Deg. | Boom<br>Point<br>Elev.<br>Meters | 0 Degree<br>List<br>Boom<br>Capacity<br>Kilograms | 1 Degree<br>List<br>Boom<br>Capacity<br>Kilograms | 2 Degree<br>List<br>Boom<br>Capacity<br>Kilograms | 3 Degree<br>List<br>Boom<br>Capacity<br>Kilograms | Oper.<br>Radius<br>Meters |
|-----------------------------|-----------------------|----------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------|
| <b>64.0m (210 Ft.) BOOM</b> |                       |                                  |                                                   |                                                   |                                                   |                                                   |                           |
| 11.0                        | 82.7                  | 65.8                             | 102 100 *                                         |                                                   |                                                   |                                                   | 11.0                      |
| 12.0                        | 81.8                  | 65.7                             | 92 300                                            |                                                   |                                                   |                                                   | 12.0                      |
| 13.0                        | 80.9                  | 65.5                             | 81 300                                            | 70 800                                            |                                                   |                                                   | 13.0                      |
| 14.0                        | 80.0                  | 65.3                             | 72 600                                            | 64 100                                            | 57 100                                            |                                                   | 14.0                      |
| 15.0                        | 79.1                  | 65.1                             | 65 400                                            | 58 300                                            | 52 300                                            | 47 400                                            | 15.0                      |
| 16.0                        | 78.1                  | 64.9                             | 59 400                                            | 53 300                                            | 48 100                                            | 43 600                                            | 16.0                      |
| 18.0                        | 76.3                  | 64.4                             | 49 800                                            | 45 200                                            | 41 200                                            | 37 700                                            | 18.0                      |
| 20.0                        | 74.4                  | 63.9                             | 42 600                                            | 39 000                                            | 35 800                                            | 33 000                                            | 20.0                      |
| 22.0                        | 72.6                  | 63.2                             | 36 900                                            | 34 000                                            | 31 400                                            | 29 100                                            | 22.0                      |
| 24.0                        | 70.7                  | 62.5                             | 32 400                                            | 30 000                                            | 27 800                                            | 25 900                                            | 24.0                      |
| 26.0                        | 68.8                  | 61.8                             | 28 600                                            | 26 600                                            | 24 800                                            | 23 100                                            | 26.0                      |
| 28.0                        | 66.8                  | 60.9                             | 25 500                                            | 23 800                                            | 22 200                                            | 20 800                                            | 28.0                      |
| 30.0                        | 64.8                  | 60.0                             | 22 800                                            | 21 300                                            | 20 000                                            | 18 800                                            | 30.0                      |
| 32.0                        | 62.8                  | 59.0                             | 20 500                                            | 19 200                                            | 18 100                                            | 17 000                                            | 32.0                      |
| 34.0                        | 60.8                  | 57.9                             | 18 500                                            | 17 400                                            | 16 400                                            | 15 400                                            | 34.0                      |
| 36.0                        | 58.7                  | 56.7                             | 16 700                                            | 15 800                                            | 14 900                                            | 14 000                                            | 36.0                      |
| 38.0                        | 56.6                  | 55.4                             | 15 200                                            | 14 300                                            | 13 500                                            | 12 800                                            | 38.0                      |
| 40.0                        | 54.4                  | 53.9                             | 13 800                                            | 13 000                                            | 12 300                                            | 11 700                                            | 40.0                      |
| 42.0                        | 52.1                  | 52.4                             | 12 500                                            | 11 900                                            | 11 200                                            | 10 600                                            | 42.0                      |
| 44.0                        | 49.8                  | 50.7                             | 11 400                                            | 10 800                                            | 10 200                                            | 9 700                                             | 44.0                      |
| 46.0                        | 47.4                  | 48.9                             | 10 400                                            | 9 800                                             | 9 400                                             | 8 900                                             | 46.0                      |
| 48.0                        | 44.8                  | 46.9                             | 9 500                                             | 9 000                                             | 8 500                                             | 8 100                                             | 48.0                      |
| 50.0                        | 42.2                  | 44.8                             | 8 600                                             | 8 200                                             | 7 800                                             | 7 400                                             | 50.0                      |
| 52.0                        | 39.4                  | 42.4                             | 7 900                                             | 7 500                                             | 7 100                                             | 6 700                                             | 52.0                      |
| 54.0                        | 36.4                  | 39.7                             | 7 200                                             | 6 800                                             | 6 500                                             | 6 100                                             | 54.0                      |
| 56.0                        | 33.2                  | 36.8                             | 6 500                                             | 6 200                                             | 5 900                                             | 5 600                                             | 56.0                      |
| 58.0                        | 29.7                  | 33.4                             | 5 900                                             | 5 600                                             | 5 300                                             | 5 100                                             | 58.0                      |

# Liftcrane Boom Capacities

## 2250 SERIES 1

Boom No. 44 With Heavy Lift Top  
76 750 kg Counterweight  
Crawler Machine on a Static Barge  
0 Degree thru 3 Degree Static Machine List  
No Travel - 360 Degree Rating

| Oper.<br>Radius<br>Meters   | Boom<br>Angle<br>Deg. | Boom<br>Point<br>Elev.<br>Meters | 0 Degree<br>List<br>Boom<br>Capacity<br>Kilograms | 1 Degree<br>List<br>Boom<br>Capacity<br>Kilograms | 2 Degree<br>List<br>Boom<br>Capacity<br>Kilograms | 3 Degree<br>List<br>Boom<br>Capacity<br>Kilograms | Oper.<br>Radius<br>Meters |
|-----------------------------|-----------------------|----------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------|
| <b>67.1m (220 Ft.) BOOM</b> |                       |                                  |                                                   |                                                   |                                                   |                                                   |                           |
| 11.6                        | 82.5                  | 68.8                             | 97 000                                            |                                                   |                                                   |                                                   | 11.6                      |
| 12.0                        | 82.2                  | 68.7                             | 91 900                                            |                                                   |                                                   |                                                   | 12.0                      |
| 13.0                        | 81.3                  | 68.6                             | 81 100                                            | 69 800                                            |                                                   |                                                   | 13.0                      |
| 14.0                        | 80.4                  | 68.4                             | 72 400                                            | 63 500                                            | 56 200                                            |                                                   | 14.0                      |
| 15.0                        | 79.6                  | 68.2                             | 65 200                                            | 57 700                                            | 51 500                                            | 45 700                                            | 15.0                      |
| 16.0                        | 78.7                  | 68.0                             | 59 200                                            | 52 800                                            | 47 400                                            | 43 600                                            | 16.0                      |
| 18.0                        | 76.9                  | 67.6                             | 49 600                                            | 44 700                                            | 40 600                                            | 37 000                                            | 18.0                      |
| 20.0                        | 75.2                  | 67.0                             | 42 300                                            | 38 600                                            | 35 300                                            | 32 300                                            | 20.0                      |
| 22.0                        | 73.4                  | 66.4                             | 36 700                                            | 33 600                                            | 30 900                                            | 28 500                                            | 22.0                      |
| 24.0                        | 71.6                  | 65.8                             | 32 100                                            | 29 600                                            | 27 300                                            | 25 300                                            | 24.0                      |
| 26.0                        | 69.8                  | 65.1                             | 28 300                                            | 26 200                                            | 24 400                                            | 22 600                                            | 26.0                      |
| 28.0                        | 67.9                  | 64.2                             | 25 100                                            | 23 400                                            | 21 800                                            | 20 300                                            | 28.0                      |
| 30.0                        | 66.1                  | 63.4                             | 22 500                                            | 20 900                                            | 19 600                                            | 18 300                                            | 30.0                      |
| 32.0                        | 64.2                  | 62.4                             | 20 200                                            | 18 900                                            | 17 600                                            | 16 500                                            | 32.0                      |
| 34.0                        | 62.2                  | 61.4                             | 18 200                                            | 17 000                                            | 15 900                                            | 15 000                                            | 34.0                      |
| 36.0                        | 60.3                  | 60.2                             | 16 400                                            | 15 400                                            | 14 500                                            | 13 600                                            | 36.0                      |
| 38.0                        | 58.3                  | 59.0                             | 14 900                                            | 13 900                                            | 13 100                                            | 12 300                                            | 38.0                      |
| 40.0                        | 56.2                  | 57.7                             | 13 500                                            | 12 700                                            | 11 900                                            | 11 200                                            | 40.0                      |
| 42.0                        | 54.1                  | 56.3                             | 12 200                                            | 11 500                                            | 10 800                                            | 10 200                                            | 42.0                      |
| 44.0                        | 52.0                  | 54.7                             | 11 100                                            | 10 500                                            | 9 900                                             | 9 300                                             | 44.0                      |
| 46.0                        | 49.7                  | 53.0                             | 10 100                                            | 9 500                                             | 9 000                                             | 8 500                                             | 46.0                      |
| 48.0                        | 47.4                  | 51.2                             | 9 200                                             | 8 700                                             | 8 200                                             | 7 700                                             | 48.0                      |
| 50.0                        | 45.0                  | 49.3                             | 8 300                                             | 7 900                                             | 7 400                                             | 7 000                                             | 50.0                      |
| 52.0                        | 42.5                  | 47.1                             | 7 500                                             | 7 100                                             | 6 700                                             | 6 400                                             | 52.0                      |
| 54.0                        | 39.9                  | 44.8                             | 6 800                                             | 6 400                                             | 6 100                                             | 5 700                                             | 54.0                      |
| 56.0                        | 37.1                  | 42.2                             | 6 200                                             | 5 800                                             | 5 500                                             | 5 200                                             | 56.0                      |
| 58.0                        | 34.1                  | 39.3                             | 5 600                                             | 5 200                                             | 5 000                                             | 4 700                                             | 58.0                      |
| 60.0                        | 30.9                  | 36.1                             | 5 000                                             | 4 700                                             | 4 400                                             | 4 200                                             | 60.0                      |
| 62.0                        | 27.3                  | 32.4                             | 4 500                                             | 4 200                                             | 4 000                                             | 3 800                                             | 62.0                      |



# Liftcrane Boom Capacities

## 2250 SERIES 1

Boom No. 44 With Heavy Lift Top  
76 750 kg Counterweight  
Crawler Machine on a Static Barge  
0 Degree thru 3 Degree Static Machine List  
No Travel - 360 Degree Rating

| Oper.<br>Radius<br>Meters   | Boom<br>Angle<br>Deg. | Boom<br>Point<br>Elev.<br>Meters | 0 Degree<br>List<br>Boom<br>Capacity<br>Kilograms | 1 Degree<br>List<br>Boom<br>Capacity<br>Kilograms | 2 Degree<br>List<br>Boom<br>Capacity<br>Kilograms | 3 Degree<br>List<br>Boom<br>Capacity<br>Kilograms | Oper.<br>Radius<br>Meters |
|-----------------------------|-----------------------|----------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------|
| <b>70.1m (230 Ft.) BOOM</b> |                       |                                  |                                                   |                                                   |                                                   |                                                   |                           |
| 11.6                        | 82.9                  | 71.9                             | 87 600 *                                          |                                                   |                                                   |                                                   | 11.6                      |
| 12.0                        | 82.5                  | 71.8                             | 87 100 *                                          |                                                   |                                                   |                                                   | 12.0                      |
| 13.0                        | 81.7                  | 71.7                             | 81 100                                            | 62 600 *                                          |                                                   |                                                   | 13.0                      |
| 14.0                        | 80.9                  | 71.5                             | 72 100                                            | 61 000 *                                          |                                                   |                                                   | 14.0                      |
| 15.0                        | 80.0                  | 71.3                             | 65 000                                            | 57 400                                            | 48 400 *                                          |                                                   | 15.0                      |
| 16.0                        | 79.2                  | 71.1                             | 58 900                                            | 52 200                                            | 46 500                                            | 38 700 *                                          | 16.0                      |
| 18.0                        | 77.5                  | 70.7                             | 49 300                                            | 44 300                                            | 40 100                                            | 36 400                                            | 18.0                      |
| 20.0                        | 75.8                  | 70.2                             | 42 100                                            | 38 200                                            | 34 700                                            | 31 800                                            | 20.0                      |
| 22.0                        | 74.1                  | 69.6                             | 36 400                                            | 33 200                                            | 30 500                                            | 28 000                                            | 22.0                      |
| 24.0                        | 72.4                  | 69.0                             | 31 800                                            | 29 200                                            | 26 900                                            | 24 800                                            | 24.0                      |
| 26.0                        | 70.7                  | 68.3                             | 28 000                                            | 25 900                                            | 23 900                                            | 22 200                                            | 26.0                      |
| 28.0                        | 68.9                  | 67.5                             | 24 900                                            | 23 100                                            | 21 400                                            | 19 800                                            | 28.0                      |
| 30.0                        | 67.2                  | 66.7                             | 22 200                                            | 20 600                                            | 19 200                                            | 17 900                                            | 30.0                      |
| 32.0                        | 65.4                  | 65.8                             | 19 900                                            | 18 500                                            | 17 300                                            | 16 100                                            | 32.0                      |
| 34.0                        | 63.6                  | 64.8                             | 17 900                                            | 16 700                                            | 15 600                                            | 14 600                                            | 34.0                      |
| 36.0                        | 61.7                  | 63.7                             | 16 200                                            | 15 100                                            | 14 100                                            | 13 200                                            | 36.0                      |
| 38.0                        | 59.8                  | 62.6                             | 14 600                                            | 13 600                                            | 12 800                                            | 12 000                                            | 38.0                      |
| 40.0                        | 57.9                  | 61.3                             | 13 200                                            | 12 400                                            | 11 600                                            | 10 900                                            | 40.0                      |
| 42.0                        | 55.9                  | 60.0                             | 12 000                                            | 11 200                                            | 10 500                                            | 9 900                                             | 42.0                      |
| 44.0                        | 53.9                  | 58.6                             | 10 800                                            | 10 200                                            | 9 600                                             | 9 000                                             | 44.0                      |
| 46.0                        | 51.8                  | 57.0                             | 9 800                                             | 9 200                                             | 8 700                                             | 8 100                                             | 46.0                      |
| 48.0                        | 49.7                  | 55.3                             | 8 900                                             | 8 300                                             | 7 900                                             | 7 400                                             | 48.0                      |
| 50.0                        | 47.5                  | 53.5                             | 8 100                                             | 7 500                                             | 7 100                                             | 6 700                                             | 50.0                      |
| 52.0                        | 45.2                  | 51.6                             | 7 300                                             | 6 800                                             | 6 400                                             | 6 000                                             | 52.0                      |
| 54.0                        | 42.8                  | 49.4                             | 6 600                                             | 6 100                                             | 5 800                                             | 5 400                                             | 54.0                      |
| 56.0                        | 40.3                  | 47.1                             | 5 900                                             | 5 500                                             | 5 200                                             | 4 900                                             | 56.0                      |
| 58.0                        | 37.7                  | 44.6                             | 5 300                                             | 5 000                                             | 4 600                                             | 4 300                                             | 58.0                      |
| 60.0                        | 34.9                  | 41.8                             | 4 700                                             | 4 400                                             | 4 100                                             | 3 900                                             | 60.0                      |
| 62.0                        | 31.8                  | 38.7                             | 4 200                                             | 3 900                                             | 3 600                                             | 3 400                                             | 62.0                      |
| 64.0                        | 28.5                  | 35.1                             | 3 700                                             | 3 400                                             | 3 200                                             | 3 000                                             | 64.0                      |

# Liftcrane Boom Capacities

## 2250 SERIES 1

Boom No. 44 With Heavy Lift Top  
76 750 kg Counterweight  
Crawler Machine on a Static Barge  
0 Degree thru 3 Degree Static Machine List  
No Travel - 360 Degree Rating

| Oper.<br>Radius<br>Meters   | Boom<br>Angle<br>Deg. | Boom<br>Point<br>Elev.<br>Meters | 0 Degree<br>List<br>Boom<br>Capacity<br>Kilograms | 1 Degree<br>List<br>Boom<br>Capacity<br>Kilograms | 2 Degree<br>List<br>Boom<br>Capacity<br>Kilograms | 3 Degree<br>List<br>Boom<br>Capacity<br>Kilograms | Oper.<br>Radius<br>Meters |
|-----------------------------|-----------------------|----------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------|
| <b>73.2m (240 Ft.) BOOM</b> |                       |                                  |                                                   |                                                   |                                                   |                                                   |                           |
| 12.2                        | 82.7                  | 74.9                             | 84 200 *                                          |                                                   |                                                   |                                                   | 12.2                      |
| 13.0                        | 82.0                  | 74.8                             | 81 100                                            |                                                   |                                                   |                                                   | 13.0                      |
| 14.0                        | 81.2                  | 74.6                             | 71 900                                            | 58 000 *                                          |                                                   |                                                   | 14.0                      |
| 15.0                        | 80.4                  | 74.4                             | 64 700                                            | 56 100                                            | 44 600 *                                          |                                                   | 15.0                      |
| 16.0                        | 79.6                  | 74.2                             | 58 700                                            | 52 400                                            | 44 100                                            |                                                   | 16.0                      |
| 18.0                        | 78.0                  | 73.8                             | 49 100                                            | 43 800                                            | 39 800                                            | 34 500 *                                          | 18.0                      |
| 20.0                        | 76.4                  | 73.3                             | 41 800                                            | 37 700                                            | 34 200                                            | 31 100                                            | 20.0                      |
| 22.0                        | 74.8                  | 72.8                             | 36 100                                            | 32 800                                            | 29 900                                            | 27 400                                            | 22.0                      |
| 24.0                        | 73.2                  | 72.2                             | 31 500                                            | 28 800                                            | 26 400                                            | 24 300                                            | 24.0                      |
| 26.0                        | 71.5                  | 71.5                             | 27 800                                            | 25 500                                            | 23 500                                            | 21 600                                            | 26.0                      |
| 28.0                        | 69.9                  | 70.8                             | 24 600                                            | 22 600                                            | 21 000                                            | 19 300                                            | 28.0                      |
| 30.0                        | 68.2                  | 70.0                             | 21 900                                            | 20 200                                            | 18 800                                            | 17 400                                            | 30.0                      |
| 32.0                        | 66.5                  | 69.2                             | 19 600                                            | 18 100                                            | 16 900                                            | 15 600                                            | 32.0                      |
| 34.0                        | 64.7                  | 68.2                             | 17 600                                            | 16 300                                            | 15 200                                            | 14 100                                            | 34.0                      |
| 36.0                        | 63.0                  | 67.2                             | 15 800                                            | 14 700                                            | 13 700                                            | 12 700                                            | 36.0                      |
| 38.0                        | 61.2                  | 66.1                             | 14 300                                            | 13 300                                            | 12 400                                            | 11 500                                            | 38.0                      |
| 40.0                        | 59.4                  | 64.9                             | 12 900                                            | 12 000                                            | 11 200                                            | 10 500                                            | 40.0                      |
| 42.0                        | 57.5                  | 63.7                             | 11 600                                            | 10 800                                            | 10 100                                            | 9 500                                             | 42.0                      |
| 44.0                        | 55.6                  | 62.3                             | 10 500                                            | 9 800                                             | 9 200                                             | 8 600                                             | 44.0                      |
| 46.0                        | 53.7                  | 60.9                             | 9 500                                             | 8 800                                             | 8 300                                             | 7 700                                             | 46.0                      |
| 48.0                        | 51.7                  | 59.3                             | 8 600                                             | 8 000                                             | 7 500                                             | 7 000                                             | 48.0                      |
| 50.0                        | 49.7                  | 57.6                             | 7 700                                             | 7 200                                             | 6 700                                             | 6 300                                             | 50.0                      |
| 52.0                        | 47.6                  | 55.8                             | 7 000                                             | 6 500                                             | 6 100                                             | 5 600                                             | 52.0                      |
| 54.0                        | 45.4                  | 53.9                             | 6 300                                             | 5 800                                             | 5 400                                             | 5 000                                             | 54.0                      |
| 56.0                        | 43.1                  | 51.8                             | 5 600                                             | 5 200                                             | 4 800                                             | 4 400                                             | 56.0                      |
| 58.0                        | 40.7                  | 49.5                             | 5 000                                             | 4 600                                             | 4 300                                             | 4 000                                             | 58.0                      |
| 60.0                        | 38.2                  | 47.0                             | 4 400                                             | 4 100                                             | 3 800                                             | 3 500                                             | 60.0                      |
| 62.0                        | 35.6                  | 44.3                             | 3 900                                             | 3 600                                             | 3 300                                             | 3 000                                             | 62.0                      |
| 64.0                        | 32.7                  | 41.2                             | 3 400                                             | 3 100                                             | 2 900                                             | 2 600                                             | 64.0                      |
| 66.0                        | 29.6                  | 37.8                             | 2 900                                             | 2 700                                             | 2 400                                             | 2 200                                             | 66.0                      |
| 68.0                        | 26.2                  | 34.0                             | 2 500                                             | 2 200                                             | 2 000                                             | 1 900                                             | 68.0                      |



# Liftcrane Boom Capacities

## 2250 SERIES 1

Boom No. 44 With Heavy Lift Top  
76 750 kg Counterweight  
Crawler Machine on a Static Barge  
0 Degree thru 3 Degree Static Machine List  
No Travel - 360 Degree Rating

| Oper.<br>Radius<br>Meters   | Boom<br>Angle<br>Deg. | Boom<br>Point<br>Elev.<br>Meters | 0 Degree<br>List<br>Boom<br>Capacity<br>Kilograms | 1 Degree<br>List<br>Boom<br>Capacity<br>Kilograms | 2 Degree<br>List<br>Boom<br>Capacity<br>Kilograms | 3 Degree<br>List<br>Boom<br>Capacity<br>Kilograms | Oper.<br>Radius<br>Meters |
|-----------------------------|-----------------------|----------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------|
| <b>76.2m (250 Ft.) BOOM</b> |                       |                                  |                                                   |                                                   |                                                   |                                                   |                           |
| 12.2                        | 83.0                  | 78.0                             | 81 200 *                                          |                                                   |                                                   |                                                   | 12.2                      |
| 13.0                        | 82.4                  | 77.8                             | 79 800                                            |                                                   |                                                   |                                                   | 13.0                      |
| 14.0                        | 81.6                  | 77.7                             | 72 300                                            | 54 700 *                                          |                                                   |                                                   | 14.0                      |
| 15.0                        | 80.8                  | 77.5                             | 65 100                                            | 54 300 *                                          |                                                   |                                                   | 15.0                      |
| 16.0                        | 80.1                  | 77.3                             | 59 000                                            | 52 100                                            | 40 800 *                                          |                                                   | 16.0                      |
| 18.0                        | 78.5                  | 76.9                             | 49 400                                            | 44 100                                            | 39 200                                            | 31 700 *                                          | 18.0                      |
| 20.0                        | 77.0                  | 76.5                             | 42 200                                            | 37 900                                            | 34 300                                            | 31 300                                            | 20.0                      |
| 22.0                        | 75.4                  | 76.0                             | 36 500                                            | 33 000                                            | 30 100                                            | 27 500                                            | 22.0                      |
| 24.0                        | 73.9                  | 75.4                             | 31 900                                            | 29 100                                            | 26 600                                            | 24 400                                            | 24.0                      |
| 26.0                        | 72.3                  | 74.8                             | 28 100                                            | 25 800                                            | 23 700                                            | 21 800                                            | 26.0                      |
| 28.0                        | 70.7                  | 74.1                             | 25 000                                            | 23 000                                            | 21 200                                            | 19 600                                            | 28.0                      |
| 30.0                        | 69.1                  | 73.3                             | 22 300                                            | 20 600                                            | 19 000                                            | 17 600                                            | 30.0                      |
| 32.0                        | 67.5                  | 72.5                             | 20 000                                            | 18 500                                            | 17 100                                            | 15 900                                            | 32.0                      |
| 34.0                        | 65.8                  | 71.6                             | 18 000                                            | 16 700                                            | 15 500                                            | 14 400                                            | 34.0                      |
| 36.0                        | 64.2                  | 70.6                             | 16 200                                            | 15 100                                            | 14 000                                            | 13 000                                            | 36.0                      |
| 38.0                        | 62.5                  | 69.6                             | 14 700                                            | 13 600                                            | 12 700                                            | 11 800                                            | 38.0                      |
| 40.0                        | 60.7                  | 68.5                             | 13 300                                            | 12 400                                            | 11 500                                            | 10 700                                            | 40.0                      |
| 42.0                        | 59.0                  | 67.3                             | 12 000                                            | 11 200                                            | 10 400                                            | 9 700                                             | 42.0                      |
| 44.0                        | 57.2                  | 66.0                             | 10 900                                            | 10 200                                            | 9 500                                             | 8 800                                             | 44.0                      |
| 46.0                        | 55.4                  | 64.6                             | 9 900                                             | 9 200                                             | 8 600                                             | 8 000                                             | 46.0                      |
| 48.0                        | 53.5                  | 63.2                             | 9 000                                             | 8 400                                             | 7 800                                             | 7 300                                             | 48.0                      |
| 50.0                        | 51.6                  | 61.6                             | 8 100                                             | 7 600                                             | 7 100                                             | 6 600                                             | 50.0                      |
| 52.0                        | 49.6                  | 59.9                             | 7 400                                             | 6 800                                             | 6 400                                             | 5 900                                             | 52.0                      |
| 54.0                        | 47.6                  | 58.1                             | 6 700                                             | 6 200                                             | 5 700                                             | 5 300                                             | 54.0                      |
| 56.0                        | 45.5                  | 56.2                             | 6 000                                             | 5 500                                             | 5 200                                             | 4 800                                             | 56.0                      |
| 58.0                        | 43.4                  | 54.1                             | 5 400                                             | 5 000                                             | 4 600                                             | 4 300                                             | 58.0                      |
| 60.0                        | 41.1                  | 51.8                             | 4 800                                             | 4 400                                             | 4 100                                             | 3 800                                             | 60.0                      |
| 62.0                        | 38.7                  | 49.4                             | 4 300                                             | 3 900                                             | 3 600                                             | 3 400                                             | 62.0                      |
| 64.0                        | 36.2                  | 46.7                             | 3 800                                             | 3 400                                             | 3 200                                             | 2 900                                             | 64.0                      |
| 66.0                        | 33.5                  | 43.8                             | 3 300                                             | 3 000                                             | 2 800                                             | 2 500                                             | 66.0                      |
| 68.0                        | 30.6                  | 40.5                             | 2 900                                             | 2 600                                             | 2 400                                             | 2 200                                             | 68.0                      |
| 70.0                        | 27.5                  | 36.8                             | 2 500                                             | 2 200                                             | 2 000                                             | 1 800                                             | 70.0                      |

# Liftcrane Boom Capacities

## 2250 SERIES 1

Boom No. 44 With Heavy Lift Top  
76 750 kg Counterweight  
Crawler Machine on a Static Barge  
0 Degree thru 3 Degree Static Machine List  
No Travel - 360 Degree Rating

| Oper.<br>Radius<br>Meters   | Boom<br>Angle<br>Deg. | Boom<br>Point<br>Elev.<br>Meters | 0 Degree<br>List<br>Boom<br>Capacity<br>Kilograms | 1 Degree<br>List<br>Boom<br>Capacity<br>Kilograms | 2 Degree<br>List<br>Boom<br>Capacity<br>Kilograms | 3 Degree<br>List<br>Boom<br>Capacity<br>Kilograms | Oper.<br>Radius<br>Meters |
|-----------------------------|-----------------------|----------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------|
| <b>79.2m (260 Ft.) BOOM</b> |                       |                                  |                                                   |                                                   |                                                   |                                                   |                           |
| 12.8                        | 82.8                  | 81.0                             | 76 800 *                                          |                                                   |                                                   |                                                   | 12.8                      |
| 13.0                        | 82.7                  | 80.9                             | 76 300 *                                          |                                                   |                                                   |                                                   | 13.0                      |
| 14.0                        | 81.9                  | 80.8                             | 72 000                                            |                                                   |                                                   |                                                   | 14.0                      |
| 15.0                        | 81.2                  | 80.6                             | 64 800                                            | 49 700 *                                          |                                                   |                                                   | 15.0                      |
| 16.0                        | 80.5                  | 80.4                             | 58 700                                            | 49 100                                            | 36 900 *                                          |                                                   | 16.0                      |
| 18.0                        | 79.0                  | 80.1                             | 49 200                                            | 44 000                                            | 36 600 *                                          | 28 400 *                                          | 18.0                      |
| 20.0                        | 77.5                  | 79.6                             | 41 900                                            | 37 500                                            | 33 800                                            | 28 200                                            | 20.0                      |
| 22.0                        | 76.0                  | 79.1                             | 36 200                                            | 32 700                                            | 29 600                                            | 27 200                                            | 22.0                      |
| 24.0                        | 74.5                  | 78.6                             | 31 600                                            | 28 700                                            | 26 100                                            | 23 900                                            | 24.0                      |
| 26.0                        | 73.0                  | 78.0                             | 27 800                                            | 25 400                                            | 23 200                                            | 21 300                                            | 26.0                      |
| 28.0                        | 71.5                  | 77.3                             | 24 700                                            | 22 600                                            | 20 700                                            | 19 100                                            | 28.0                      |
| 30.0                        | 69.9                  | 76.6                             | 22 000                                            | 20 200                                            | 18 600                                            | 17 200                                            | 30.0                      |
| 32.0                        | 68.4                  | 75.8                             | 19 700                                            | 18 100                                            | 16 700                                            | 15 500                                            | 32.0                      |
| 34.0                        | 66.8                  | 74.9                             | 17 700                                            | 16 300                                            | 15 100                                            | 13 900                                            | 34.0                      |
| 36.0                        | 65.2                  | 74.0                             | 15 900                                            | 14 700                                            | 13 600                                            | 12 600                                            | 36.0                      |
| 38.0                        | 63.6                  | 73.0                             | 14 400                                            | 13 300                                            | 12 300                                            | 11 400                                            | 38.0                      |
| 40.0                        | 62.0                  | 72.0                             | 13 000                                            | 12 000                                            | 11 100                                            | 10 300                                            | 40.0                      |
| 42.0                        | 60.3                  | 70.8                             | 11 700                                            | 10 900                                            | 10 100                                            | 9 300                                             | 42.0                      |
| 44.0                        | 58.6                  | 69.6                             | 10 600                                            | 9 800                                             | 9 100                                             | 8 500                                             | 44.0                      |
| 46.0                        | 56.9                  | 68.3                             | 9 600                                             | 8 900                                             | 8 200                                             | 7 600                                             | 46.0                      |
| 48.0                        | 55.1                  | 67.0                             | 8 700                                             | 8 000                                             | 7 500                                             | 6 900                                             | 48.0                      |
| 50.0                        | 53.3                  | 65.5                             | 7 800                                             | 7 200                                             | 6 700                                             | 6 200                                             | 50.0                      |
| 52.0                        | 51.5                  | 63.9                             | 7 000                                             | 6 500                                             | 6 000                                             | 5 600                                             | 52.0                      |
| 54.0                        | 49.6                  | 62.2                             | 6 300                                             | 5 800                                             | 5 400                                             | 5 000                                             | 54.0                      |
| 56.0                        | 47.7                  | 60.4                             | 5 700                                             | 5 200                                             | 4 800                                             | 4 400                                             | 56.0                      |
| 58.0                        | 45.7                  | 58.5                             | 5 000                                             | 4 600                                             | 4 300                                             | 3 900                                             | 58.0                      |
| 60.0                        | 43.6                  | 56.4                             | 4 500                                             | 4 100                                             | 3 800                                             | 3 400                                             | 60.0                      |
| 62.0                        | 41.4                  | 54.2                             | 4 000                                             | 3 600                                             | 3 300                                             | 3 000                                             | 62.0                      |
| 64.0                        | 39.1                  | 51.8                             | 3 400                                             | 3 100                                             | 2 900                                             | 2 600                                             | 64.0                      |
| 66.0                        | 36.8                  | 49.2                             | 3 000                                             | 2 700                                             | 2 400                                             | 2 200                                             | 66.0                      |
| 68.0                        | 34.2                  | 46.3                             | 2 600                                             | 2 300                                             | 2 000                                             |                                                   | 68.0                      |
| 70.0                        | 31.5                  | 43.1                             | 2 100                                             | 1 900                                             |                                                   |                                                   | 70.0                      |