



# Liftcrane Boom Capacities

**31 300 kg Crane Counterweight**  
**14 400 kg Carbody Counterweight**  
**Crawler Crane on a Barge**  
**0 Degree through 3 Degree Crane List**  
**Extended Position Crawlers**  
**360 Degree Rating**

**11000-1**

## LIFTING CAPACITIES:

- Lifting capacities are for a crawler crane when operating on a barge. Machine to operate on a firm uniformly supporting surface with machine list not to exceed degrees noted. The user must limit rated loads to allow for adverse conditions (such as soft or uneven ground, out-of-level conditions, wind, side loads, pendulum action, jerking or sudden stopping of loads, inexperience of personnel, and multiple machine lifts).
- Capacities do not exceed 75% of minimum tipping loads. Capacities based on factors other than machine stability such as structural competence are shown by asterisk \* in the charts.
- Attempting to lift more than rated loads may cause machine to tip or collapse. Do not tip machine to determine capacity.
- Do not attempt to lift where no radius on load chart is listed as crane may tip or collapse.
- Weight of hooks, hook blocks, slings and other lifting devices beneath boom point sheaves are part of the total load. Their total weight must be subtracted from the rated load to obtain the weight that can be lifted.
- Load radius is horizontal distance from axis of rotation to center of gravity of the freely suspended load. Boom angle is angle between horizontal and centerline of boom butt and inserts, and is an indication of radius. In all cases, operating radius shall govern capacity.
- Least stable position is over the side.
- Boom point elevation is vertical distance from barge deck to centerline of boom point shaft.
- In all cases, upper boom point capacities cannot exceed those listed for Liftcrane Boom capacity reduced by 200 kg.
- Lifting capacities listed apply only to the machine as originally manufactured and designed. Modifications to this machine or use of equipment other than that specified can reduce operating capacity.
- Machine travel with load (pick and carry) is not permitted.
- Jib installation is prohibited when crane is on a barge.

### Hoist Reeving for Upper Boom Point

|                      |        |
|----------------------|--------|
| No. of Parts of Line | 1      |
| Maximum Loads (kg)   | 10 800 |

## OPERATING CONDITION:

- The machine must be reeved and set-up as stated in the Operator Manual. If this manual is missing, obtain replacement.
  - Boom backstops are required for all boom lengths.
  - Gantry must be fully raised position for all operation.
  - Crawlers must be fully extended and be locked in position.
  - Crane shall be positively secured to prevent shifting.
  - Refer to operator manual for operating guidelines.

| Maximum Boom Lengths Lifted Unassisted                                                                              |
|---------------------------------------------------------------------------------------------------------------------|
| Over End of Crawlers                                                                                                |
| 61,0 m (a)                                                                                                          |
| Load block, hook and weight ball on barge deck at start.<br>(a) Upper boom point cannot be attached on 61,0 m boom. |

- See Operator Manual Section 6 for Wire Rope Specifications.
- Machine equipped with 6 280 mm crawlers, 900 mm treads, 12 parts of boom hoist reeving. 31 300 kg crane counterweight and 14 400 kg carbody counterweight.

### Hoist Reeving for Main Boom Loads

| No. of Parts of Line | 1      | 2      | 3      | 4      |
|----------------------|--------|--------|--------|--------|
| Maximum Loads (kg)   | 11 400 | 22 800 | 34 200 | 45 600 |

| No. of Parts of Line | 5      | 6      | 7      | 8       |
|----------------------|--------|--------|--------|---------|
| Maximum Loads (kg)   | 57 000 | 68 400 | 80 000 | 100 000 |

**Operation of this equipment in excess of rated loads or disregard of instruction voids the warranty.**



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Extended Position Crawlers  
360 Degree Rating

# 11000-1

| Load Radius (m) | Boom Angle (deg) | Boom Point Elev. (m) | 0 Degree Crane List | 1 Degree Crane List | 2 Degree Crane List | 3 Degree Crane List | Load Radius (m) |
|-----------------|------------------|----------------------|---------------------|---------------------|---------------------|---------------------|-----------------|
| 12,2 m Boom     |                  |                      |                     |                     |                     |                     |                 |
| 3,3             | 80,5             | 13,8                 | 100 000 *           |                     |                     |                     | 3,3             |
| 3,5             | 79,7             | 13,7                 | 98 300 *            |                     |                     |                     | 3,5             |
| 4,0             | 77,3             | 13,6                 | 90 300 *            |                     |                     |                     | 4,0             |
| 4,5             | 74,9             | 13,5                 | 81 000 *            | 79 700 *            |                     |                     | 4,5             |
| 5,0             | 72,4             | 13,3                 | 73 300 *            | 73 300 *            |                     |                     | 5,0             |
| 5,5             | 70,0             | 13,1                 | 66 800 *            | 66 100 *            | 57 100 *            |                     | 5,5             |
| 6,0             | 67,4             | 12,9                 | 61 300 *            | 58 000 *            | 53 600 *            | 45 400 *            | 6,0             |
| 7,0             | 62,1             | 12,4                 | 49 300              | 46 300              | 44 400              | 42 300 *            | 7,0             |
| 8,0             | 56,5             | 11,8                 | 40 100              | 38 300              | 37 000              | 35 800              | 8,0             |
| 9,0             | 50,6             | 11,1                 | 34 000              | 32 700              | 31 800              | 31 000              | 9,0             |
| 10,0            | 43,9             | 10,1                 | 29 400              | 28 500              | 27 900              | 27 300              | 10,0            |
| 12,0            | 27,1             | 7,2                  | 21 600 *            | 21 200 *            | 20 600 *            | 20 100 *            | 12,0            |
| 12,1            | 25,4             | 7,0                  | 20 800 *            | 20 300 *            | 19 700 *            | 19 200 *            | 12,1            |
| 15,2 m Boom     |                  |                      |                     |                     |                     |                     |                 |
| 3,6             | 81,2             | 16,8                 | 96 700 *            |                     |                     |                     | 3,6             |
| 4,0             | 79,8             | 16,7                 | 90 200 *            |                     |                     |                     | 4,0             |
| 4,5             | 77,9             | 16,6                 | 80 900 *            |                     |                     |                     | 4,5             |
| 5,0             | 76,1             | 16,5                 | 73 200 *            |                     |                     |                     | 5,0             |
| 5,5             | 74,1             | 16,4                 | 66 700 *            | 64 700 *            |                     |                     | 5,5             |
| 6,0             | 72,0             | 16,2                 | 61 100 *            | 57 000 *            |                     |                     | 6,0             |
| 7,0             | 68,0             | 15,8                 | 49 100              | 45 700              | 42 700 *            |                     | 7,0             |
| 8,0             | 63,9             | 15,4                 | 40 000              | 37 800              | 36 100              | 34 000 *            | 8,0             |
| 9,0             | 59,7             | 14,8                 | 33 900              | 32 300              | 31 100              | 30 000              | 9,0             |
| 10,0            | 55,1             | 14,1                 | 29 400              | 28 100              | 27 200              | 26 400              | 10,0            |
| 12,0            | 45,0             | 12,4                 | 23 100              | 22 200              | 21 800              | 21 300              | 12,0            |
| 14,0            | 33,0             | 9,9                  | 18 800              | 18 400              | 18 100              | 17 900              | 14,0            |
| 15,2            | 22,3             | 7,6                  | 15 900              | 15 700 *            | 15 300 *            |                     | 15,2            |
| 18,3 m Boom     |                  |                      |                     |                     |                     |                     |                 |
| 3,9             | 81,7             | 19,8                 | 90 900 *            |                     |                     |                     | 3,9             |
| 4,0             | 81,5             | 19,8                 | 90 100 *            |                     |                     |                     | 4,0             |
| 4,5             | 80,0             | 19,7                 | 80 700 *            |                     |                     |                     | 4,5             |
| 5,0             | 78,3             | 19,6                 | 73 000 *            |                     |                     |                     | 5,0             |
| 5,5             | 76,7             | 19,5                 | 66 400 *            |                     |                     |                     | 5,5             |
| 6,0             | 75,2             | 19,4                 | 61 000 *            | 54 300 *            |                     |                     | 6,0             |
| 7,0             | 71,9             | 19,1                 | 49 000              | 45 000              |                     |                     | 7,0             |
| 8,0             | 68,5             | 18,7                 | 39 900              | 37 200              | 35 300              |                     | 8,0             |
| 9,0             | 65,0             | 18,3                 | 33 800              | 31 800              | 30 400              | 28 000 *            | 9,0             |
| 10,0            | 61,6             | 17,7                 | 29 200              | 27 700              | 26 600              | 25 700              | 10,0            |
| 12,0            | 54,1             | 16,5                 | 22 900              | 21 900              | 21 300              | 20 700              | 12,0            |
| 14,0            | 45,8             | 14,7                 | 18 700              | 18 000              | 17 600              | 17 300              | 14,0            |
| 16,0            | 35,5             | 12,4                 | 15 900              | 15 300 *            | 15 100 *            | 14 900 *            | 16,0            |
| 18,0            | 22,6             | 8,8                  | 13 300 *            |                     |                     |                     | 18,0            |
| 18,2            | 20,7             | 8,3                  | 12 900 *            |                     |                     |                     | 18,2            |



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0 Degree through 3 Degree Crane List  
Extended Position Crawlers  
360 Degree Rating

**11000-1**

| Load Radius (m)    | Boom Angle (deg) | Boom Point Elev. (m) | 0 Degree Crane List | 1 Degree Crane List | 2 Degree Crane List | 3 Degree Crane List | Load Radius (m) |
|--------------------|------------------|----------------------|---------------------|---------------------|---------------------|---------------------|-----------------|
| <b>21,3 m Boom</b> |                  |                      |                     |                     |                     |                     |                 |
| 4,5                | 81,3             | 22,8                 | 68 400 *            |                     |                     |                     | 4,5             |
| 5,0                | 80,0             | 22,7                 | 68 200 *            |                     |                     |                     | 5,0             |
| 5,5                | 78,6             | 22,6                 | 66 400 *            |                     |                     |                     | 5,5             |
| 6,0                | 77,3             | 22,5                 | 61 000 *            |                     |                     |                     | 6,0             |
| 7,0                | 74,5             | 22,3                 | 49 200              |                     |                     |                     | 7,0             |
| 8,0                | 71,7             | 22,0                 | 40 100              | 37 100              | 31 000 *            |                     | 8,0             |
| 9,0                | 68,9             | 21,6                 | 33 900              | 31 700              | 29 700 *            |                     | 9,0             |
| 10,0               | 65,9             | 21,2                 | 29 400              | 27 700              | 26 400              | 23 100 *            | 10,0            |
| 12,0               | 59,8             | 20,1                 | 23 100              | 21 900              | 21 100              | 20 100              | 12,0            |
| 14,0               | 53,3             | 18,8                 | 18 900              | 18 000              | 17 500              | 17 100              | 14,0            |
| 16,0               | 46,1             | 17,0                 | 16 000              | 15 400              | 15 000              | 14 700              | 16,0            |
| 18,0               | 38,0             | 14,8                 | 13 700              | 13 300              | 13 100              | 12 900              | 18,0            |
| 19,8               | 29,2             | 12,0                 | 12 100              | 11 900 *            | 11 700 *            | 11 700 *            | 19,8            |
| <b>24,4 m Boom</b> |                  |                      |                     |                     |                     |                     |                 |
| 4,8                | 81,6             | 25,9                 | 68 400 *            |                     |                     |                     | 4,8             |
| 5,0                | 81,3             | 25,8                 | 68 100 *            |                     |                     |                     | 5,0             |
| 5,5                | 80,1             | 25,7                 | 66 300 *            |                     |                     |                     | 5,5             |
| 6,0                | 79,0             | 25,7                 | 60 800 *            |                     |                     |                     | 6,0             |
| 7,0                | 76,5             | 25,4                 | 49 100              |                     |                     |                     | 7,0             |
| 8,0                | 74,1             | 25,2                 | 39 900              | 36 600              |                     |                     | 8,0             |
| 9,0                | 71,5             | 24,8                 | 33 800              | 31 300              |                     |                     | 9,0             |
| 10,0               | 69,0             | 24,5                 | 29 200              | 27 300              | 25 400 *            | 20 700 *            | 10,0            |
| 12,0               | 64,0             | 23,6                 | 22 900              | 21 600              | 20 800              | 18 500 *            | 12,0            |
| 14,0               | 58,5             | 22,5                 | 18 700              | 17 800              | 17 200              | 16 400              | 14,0            |
| 16,0               | 52,8             | 21,1                 | 15 800              | 15 100              | 14 800              | 14 400              | 16,0            |
| 18,0               | 46,6             | 19,3                 | 13 500              | 13 100              | 12 800              | 12 500              | 18,0            |
| 20,0               | 39,6             | 17,2                 | 11 800              | 11 500              | 11 300              | 11 100              | 20,0            |
| 22,0               | 31,0             | 14,3                 | 10 500              | 10 200              | 10 100              | 10 000              | 22,0            |
| 22,8               | 26,9             | 12,9                 | 10 000              | 9 700               | 9 600               | 9 500               | 22,8            |



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14 400 kg Carbody Counterweight

Crawler Crane on a Barge

0 Degree through 3 Degree Crane List

Extended Position Crawlers

360 Degree Rating

# 11000-1

| Load Radius (m) | Boom Angle (deg) | Boom Point Elev. (m) | 0 Degree Crane List | 1 Degree Crane List | 2 Degree Crane List | 3 Degree Crane List | Load Radius (m) |
|-----------------|------------------|----------------------|---------------------|---------------------|---------------------|---------------------|-----------------|
| 27,4 m Boom     |                  |                      |                     |                     |                     |                     |                 |
| 5,1             | 81,9             | 28,9                 | 57 000 *            |                     |                     |                     | 5,1             |
| 5,5             | 81,2             | 28,8                 | 57 000 *            |                     |                     |                     | 5,5             |
| 6,0             | 80,2             | 28,8                 | 56 500 *            |                     |                     |                     | 6,0             |
| 7,0             | 78,0             | 28,6                 | 48 400 *            |                     |                     |                     | 7,0             |
| 8,0             | 75,9             | 28,3                 | 39 900              |                     |                     |                     | 8,0             |
| 9,0             | 73,8             | 28,0                 | 33 800              | 30 900 *            |                     |                     | 9,0             |
| 10,0            | 71,5             | 27,7                 | 29 200              | 27 000              | 22 700 *            |                     | 10,0            |
| 12,0            | 67,0             | 26,9                 | 22 900              | 21 400              | 20 400              | 17 100 *            | 12,0            |
| 14,0            | 62,4             | 26,0                 | 18 700              | 17 600              | 16 900              | 15 500 *            | 14,0            |
| 16,0            | 57,5             | 24,8                 | 15 700              | 15 000              | 14 500              | 13 800              | 16,0            |
| 18,0            | 52,4             | 23,4                 | 13 400              | 13 000              | 12 600              | 12 200              | 18,0            |
| 20,0            | 46,8             | 21,6                 | 11 700              | 11 300              | 11 100              | 10 800              | 20,0            |
| 22,0            | 40,7             | 19,5                 | 10 400              | 10 100              | 9 900               | 9 700               | 22,0            |
| 24,0            | 33,6             | 16,9                 | 9 300               | 9 000               | 8 900               | 8 800               | 24,0            |
| 25,9            | 25,7             | 13,5                 | 8 400               | 8 300               | 8 200               | 8 100               | 25,9            |
| 30,5 m Boom     |                  |                      |                     |                     |                     |                     |                 |
| 5,7             | 81,6             | 31,9                 | 56 900 *            |                     |                     |                     | 5,7             |
| 6,0             | 81,1             | 31,8                 | 56 300 *            |                     |                     |                     | 6,0             |
| 7,0             | 79,3             | 31,7                 | 48 300 *            |                     |                     |                     | 7,0             |
| 8,0             | 77,3             | 31,5                 | 39 800              |                     |                     |                     | 8,0             |
| 9,0             | 75,3             | 31,2                 | 33 600              |                     |                     |                     | 9,0             |
| 10,0            | 73,5             | 30,9                 | 29 100              | 26 700              |                     |                     | 10,0            |
| 12,0            | 69,4             | 30,2                 | 22 700              | 21 200              | 19 300 *            |                     | 12,0            |
| 14,0            | 65,4             | 29,4                 | 18 500              | 17 400              | 16 700              | 14 300 *            | 14,0            |
| 16,0            | 61,1             | 28,4                 | 15 600              | 14 800              | 14 300              | 13 100 *            | 16,0            |
| 18,0            | 56,7             | 27,1                 | 13 300              | 12 700              | 12 300              | 11 700 *            | 18,0            |
| 20,0            | 52,0             | 25,7                 | 11 600              | 11 100              | 10 800              | 10 500              | 20,0            |
| 22,0            | 47,0             | 24,0                 | 10 200              | 9 900               | 9 600               | 9 400               | 22,0            |
| 24,0            | 41,5             | 21,9                 | 9 000               | 8 800               | 8 600               | 8 500               | 24,0            |
| 26,0            | 35,6             | 19,3                 | 8 100               | 7 900               | 7 900               | 7 700               | 26,0            |
| 28,0            | 28,0             | 16,1                 | 7 400               | 7 200               | 7 200               | 7 100               | 28,0            |
| 28,9            | 24,0             | 14,3                 | 7 100               | 6 900               | 6 900               | 6 800               | 28,9            |



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0 Degree through 3 Degree Crane List  
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**11000-1**

| Load Radius (m)    | Boom Angle (deg) | Boom Point Elev. (m) | 0 Degree Crane List | 1 Degree Crane List | 2 Degree Crane List | 3 Degree Crane List | Load Radius (m) |
|--------------------|------------------|----------------------|---------------------|---------------------|---------------------|---------------------|-----------------|
| <b>33,5 m Boom</b> |                  |                      |                     |                     |                     |                     |                 |
| 6,0                | 81,8             | 34,9                 | 45 700 *            |                     |                     |                     | 6,0             |
| 7,0                | 80,2             | 34,8                 | 44 700 *            |                     |                     |                     | 7,0             |
| 8,0                | 78,4             | 34,6                 | 39 600 *            |                     |                     |                     | 8,0             |
| 9,0                | 76,7             | 34,3                 | 33 600              |                     |                     |                     | 9,0             |
| 10,0               | 74,9             | 34,1                 | 29 100              |                     |                     |                     | 10,0            |
| 12,0               | 71,4             | 33,5                 | 22 700              | 21 000              |                     |                     | 12,0            |
| 14,0               | 67,8             | 32,7                 | 18 500              | 17 300              | 16 400 *            | 12 900 *            | 14,0            |
| 16,0               | 63,9             | 31,8                 | 15 600              | 14 700              | 14 100              | 12 400 *            | 16,0            |
| 18,0               | 60,0             | 30,7                 | 13 300              | 12 600              | 12 200              | 11 700 *            | 18,0            |
| 20,0               | 56,0             | 29,5                 | 11 600              | 11 000              | 10 700              | 10 300              | 20,0            |
| 22,0               | 51,7             | 28,0                 | 10 200              | 9 800               | 9 500               | 9 200               | 22,0            |
| 24,0               | 47,2             | 26,3                 | 9 000               | 8 800               | 8 500               | 8 400               | 24,0            |
| 26,0               | 42,3             | 24,2                 | 8 100               | 7 900               | 7 800               | 7 600               | 26,0            |
| 28,0               | 36,9             | 21,8                 | 7 400               | 7 200               | 7 100               | 6 900               | 28,0            |
| 30,0               | 30,6             | 18,8                 | 6 700               | 6 600               | 6 500               | 6 400               | 30,0            |
| 32,0               | 23,2             | 14,8                 | 6 200               | 6 100               | 6 000               |                     | 32,0            |
| <b>36,6 m Boom</b> |                  |                      |                     |                     |                     |                     |                 |
| 6,7                | 81,6             | 37,9                 | 44 700 *            |                     |                     |                     | 6,7             |
| 7,0                | 81,1             | 37,9                 | 43 700 *            |                     |                     |                     | 7,0             |
| 8,0                | 79,4             | 37,7                 | 39 400 *            |                     |                     |                     | 8,0             |
| 9,0                | 77,9             | 37,5                 | 33 500              |                     |                     |                     | 9,0             |
| 10,0               | 76,2             | 37,2                 | 29 000              |                     |                     |                     | 10,0            |
| 12,0               | 73,0             | 36,7                 | 22 600              | 20 800              |                     |                     | 12,0            |
| 14,0               | 69,7             | 36,0                 | 18 400              | 17 000              | 14 800 *            |                     | 14,0            |
| 16,0               | 66,3             | 35,2                 | 15 400              | 14 500              | 13 700 *            | 11 100 *            | 16,0            |
| 18,0               | 62,8             | 34,2                 | 13 100              | 12 500              | 12 000              | 10 700 *            | 18,0            |
| 20,0               | 59,2             | 33,1                 | 11 300              | 10 900              | 10 500              | 10 100              | 20,0            |
| 22,0               | 55,4             | 31,8                 | 10 100              | 9 600               | 9 300               | 9 000               | 22,0            |
| 24,0               | 51,5             | 30,3                 | 9 000               | 8 600               | 8 300               | 8 100               | 24,0            |
| 26,0               | 47,4             | 28,6                 | 7 900               | 7 700               | 7 500               | 7 300               | 26,0            |
| 28,0               | 42,9             | 26,5                 | 7 200               | 7 000               | 6 800               | 6 700               | 28,0            |
| 30,0               | 38,0             | 24,2                 | 6 500               | 6 400               | 6 200               | 6 200               | 30,0            |
| 32,0               | 32,3             | 21,3                 | 6 000               | 5 800               | 5 800               | 5 700               | 32,0            |
| 34,0               | 26,0             | 17,7                 | 5 600               | 5 400               |                     |                     | 34,0            |
| 35,0               | 22,2             | 15,5                 | 5 300               | 5 200               |                     |                     | 35,0            |



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|-----------------|------------------|----------------------|---------------------|---------------------|---------------------|---------------------|-----------------|
| 39,6 m Boom     |                  |                      |                     |                     |                     |                     |                 |
| 7,3             | 81,3             | 40,9                 | 38 600 *            |                     |                     |                     | 7,3             |
| 8,0             | 80,2             | 40,8                 | 37 700 *            |                     |                     |                     | 8,0             |
| 9,0             | 78,8             | 40,6                 | 33 200 *            |                     |                     |                     | 9,0             |
| 10,0            | 77,3             | 40,4                 | 28 900              |                     |                     |                     | 10,0            |
| 12,0            | 74,3             | 39,9                 | 22 500              | 20 400 *            |                     |                     | 12,0            |
| 14,0            | 71,3             | 39,2                 | 18 300              | 16 900              | 13 300 *            |                     | 14,0            |
| 16,0            | 68,2             | 38,5                 | 15 300              | 14 300              | 12 800 *            |                     | 16,0            |
| 18,0            | 65,0             | 37,6                 | 13 000              | 12 300              | 11 700 *            | 9 600 *             | 18,0            |
| 20,0            | 61,8             | 36,6                 | 11 300              | 10 800              | 10 300              | 9 300 *             | 20,0            |
| 22,0            | 58,4             | 35,4                 | 9 900               | 9 500               | 9 200               | 8 800 *             | 22,0            |
| 24,0            | 54,9             | 34,1                 | 8 800               | 8 400               | 8 200               | 7 900               | 24,0            |
| 26,0            | 51,4             | 32,6                 | 7 800               | 7 600               | 7 400               | 7 200               | 26,0            |
| 28,0            | 47,5             | 30,9                 | 7 100               | 6 900               | 6 700               | 6 500               | 28,0            |
| 30,0            | 43,4             | 28,9                 | 6 400               | 6 300               | 6 100               | 6 000               | 30,0            |
| 32,0            | 38,9             | 26,6                 | 5 800               | 5 700               | 5 600               | 5 500               | 32,0            |
| 34,0            | 34,0             | 23,8                 | 5 300               | 5 300               | 5 200               | 5 100               | 34,0            |
| 36,0            | 28,2             | 20,5                 | 5 000               | 4 900               | 4 800               | 4 800               | 36,0            |
| 38,0            | 21,6             | 16,2                 | 4 600               | 4 500               |                     |                     | 38,0            |
| 38,1            | 21,3             | 15,9                 | 4 600               | 4 400               |                     |                     | 38,1            |
| 42,7 m Boom     |                  |                      |                     |                     |                     |                     |                 |
| 7,3             | 81,9             | 44,0                 | 33 000 *            |                     |                     |                     | 7,3             |
| 8,0             | 81,0             | 43,9                 | 32 500 *            |                     |                     |                     | 8,0             |
| 9,0             | 79,6             | 43,7                 | 31 400 *            |                     |                     |                     | 9,0             |
| 10,0            | 78,2             | 43,5                 | 28 500 *            |                     |                     |                     | 10,0            |
| 12,0            | 75,4             | 43,0                 | 22 400              |                     |                     |                     | 12,0            |
| 14,0            | 72,7             | 42,4                 | 18 200              | 16 700              |                     |                     | 14,0            |
| 16,0            | 69,9             | 41,8                 | 15 200              | 14 100              |                     |                     | 16,0            |
| 18,0            | 67,0             | 40,9                 | 12 900              | 12 100              | 11 100 *            | 8 500 *             | 18,0            |
| 20,0            | 64,0             | 40,0                 | 11 200              | 10 500              | 10 000 *            | 8 200 *             | 20,0            |
| 22,0            | 60,9             | 39,0                 | 9 800               | 9 300               | 8 900               | 8 000 *             | 22,0            |
| 24,0            | 57,9             | 37,8                 | 8 600               | 8 200               | 7 900               | 7 600 *             | 24,0            |
| 26,0            | 54,6             | 36,4                 | 7 700               | 7 400               | 7 100               | 6 900               | 26,0            |
| 28,0            | 51,1             | 34,9                 | 6 900               | 6 700               | 6 400               | 6 300               | 28,0            |
| 30,0            | 47,6             | 33,2                 | 6 300               | 6 000               | 5 900               | 5 700               | 30,0            |
| 32,0            | 43,8             | 31,2                 | 5 700               | 5 500               | 5 400               | 5 300               | 32,0            |
| 34,0            | 39,7             | 28,9                 | 5 200               | 5 000               | 4 900               | 4 900               | 34,0            |
| 36,0            | 35,2             | 26,3                 | 4 800               | 4 600               | 4 500               | 4 500               | 36,0            |
| 38,0            | 30,1             | 23,2                 | 4 400               | 4 300               | 4 200               | 4 200               | 38,0            |
| 40,0            | 24,4             | 19,3                 | 4 100               |                     |                     |                     | 40,0            |
| 41,1            | 20,5             | 16,6                 | 4 000               |                     |                     |                     | 41,1            |



# Liftcrane Boom Capacities

31 300 kg Crane Counterweight  
14 400 kg Carbody Counterweight  
Crawler Crane on a Barge  
0 Degree through 3 Degree Crane List  
Extended Position Crawlers  
360 Degree Rating

**11000-1**

| Load Radius (m)    | Boom Angle (deg) | Boom Point Elev. (m) | 0 Degree Crane List | 1 Degree Crane List | 2 Degree Crane List | 3 Degree Crane List | Load Radius (m) |
|--------------------|------------------|----------------------|---------------------|---------------------|---------------------|---------------------|-----------------|
| <b>45,7 m Boom</b> |                  |                      |                     |                     |                     |                     |                 |
| 7,9                | 81,7             | 47,0                 | 28 200 *            |                     |                     |                     | 7,9             |
| 8,0                | 81,6             | 47,0                 | 28 100 *            |                     |                     |                     | 8,0             |
| 9,0                | 80,2             | 46,8                 | 27 400 *            |                     |                     |                     | 9,0             |
| 10,0               | 79,0             | 46,6                 | 26 500 *            |                     |                     |                     | 10,0            |
| 12,0               | 76,5             | 46,2                 | 22 200 *            |                     |                     |                     | 12,0            |
| 14,0               | 73,9             | 45,6                 | 18 100              | 16 200 *            |                     |                     | 14,0            |
| 16,0               | 71,3             | 45,0                 | 15 100              | 14 000              | 10 400 *            |                     | 16,0            |
| 18,0               | 68,5             | 44,2                 | 12 800              | 11 900              | 10 000 *            |                     | 18,0            |
| 20,0               | 65,9             | 43,4                 | 11 100              | 10 400              | 9 700 *             | 7 400 *             | 20,0            |
| 22,0               | 63,0             | 42,4                 | 9 700               | 9 100               | 8 700 *             | 7 200 *             | 22,0            |
| 24,0               | 60,1             | 41,3                 | 8 500               | 8 100               | 7 800               | 7 000 *             | 24,0            |
| 26,0               | 57,2             | 40,1                 | 7 600               | 7 300               | 7 000               | 6 700 *             | 26,0            |
| 28,0               | 54,3             | 38,7                 | 6 900               | 6 500               | 6 300               | 6 100               | 28,0            |
| 30,0               | 51,0             | 37,2                 | 6 200               | 5 900               | 5 700               | 5 600               | 30,0            |
| 32,0               | 47,7             | 35,5                 | 5 600               | 5 400               | 5 300               | 5 100               | 32,0            |
| 34,0               | 44,2             | 33,5                 | 5 200               | 4 900               | 4 800               | 4 700               | 34,0            |
| 36,0               | 40,3             | 31,3                 | 4 700               | 4 600               | 4 400               | 4 300               | 36,0            |
| 38,0               | 36,2             | 28,8                 | 4 300               | 4 200               | 4 100               | 4 000               | 38,0            |
| 40,0               | 31,7             | 25,8                 | 3 900               | 3 900               | 3 800               | 3 700               | 40,0            |
| 42,6               | 24,3             | 21,0                 | 3 600               | 3 500               | 3 400               | 3 400               | 42,6            |
| <b>48,8 m Boom</b> |                  |                      |                     |                     |                     |                     |                 |
| 8,5                | 81,5             | 50,0                 | 22 700 *            |                     |                     |                     | 8,5             |
| 9,0                | 80,9             | 49,9                 | 22 700 *            |                     |                     |                     | 9,0             |
| 10,0               | 79,8             | 49,7                 | 22 400 *            |                     |                     |                     | 10,0            |
| 12,0               | 77,4             | 49,3                 | 21 300 *            |                     |                     |                     | 12,0            |
| 14,0               | 74,9             | 48,8                 | 18 100 *            | 14 300 *            |                     |                     | 14,0            |
| 16,0               | 72,4             | 48,2                 | 15 200              | 13 500 *            |                     |                     | 16,0            |
| 18,0               | 69,9             | 47,5                 | 12 900              | 12 000 *            | 8 800 *             |                     | 18,0            |
| 20,0               | 67,4             | 46,7                 | 11 200              | 10 400              | 8 500 *             | 6 500 *             | 20,0            |
| 22,0               | 64,9             | 45,8                 | 9 800               | 9 200               | 8 200 *             | 6 200 *             | 22,0            |
| 24,0               | 62,3             | 44,8                 | 8 600               | 8 200               | 7 700 *             | 6 100 *             | 24,0            |
| 26,0               | 59,5             | 43,7                 | 7 600               | 7 300               | 7 000               | 5 900 *             | 26,0            |
| 28,0               | 56,7             | 42,4                 | 6 900               | 6 600               | 6 300               | 5 700 *             | 28,0            |
| 30,0               | 53,8             | 41,0                 | 6 200               | 5 900               | 5 700               | 5 500 *             | 30,0            |
| 32,0               | 50,9             | 39,5                 | 5 700               | 5 400               | 5 200               | 5 100               | 32,0            |
| 34,0               | 47,8             | 37,8                 | 5 100               | 4 900               | 4 800               | 4 700               | 34,0            |
| 36,0               | 44,5             | 35,8                 | 4 700               | 4 500               | 4 400               | 4 300               | 36,0            |
| 38,0               | 41,0             | 33,7                 | 4 300               | 4 100               | 4 100               | 4 000               | 38,0            |
| 40,0               | 37,2             | 31,2                 | 3 900               | 3 800               | 3 800               | 3 700               | 40,0            |
| 44,0               | 28,1             | 25,0                 | 3 400               | 3 300               | 3 200               | 3 200               | 44,0            |
| 45,7               | 23,7             | 21,5                 | 3 200               | 3 100               | 3 000               | 3 000               | 45,7            |



## Liftcrane Boom Capacities

31 300 kg Crane Counterweight

14 400 kg Carbody Counterweight

Crawler Crane on a Barge

0 Degree through 3 Degree Crane List

Extended Position Crawlers

360 Degree Rating

# 11000-1

| Load Radius (m) | Boom Angle (deg) | Boom Point Elev. (m) | 0 Degree Crane List | 1 Degree Crane List | 2 Degree Crane List | 3 Degree Crane List | Load Radius (m) |
|-----------------|------------------|----------------------|---------------------|---------------------|---------------------|---------------------|-----------------|
| 51,8 m Boom     |                  |                      |                     |                     |                     |                     |                 |
| 9,1             | 81,3             | 53,0                 | 20 100 *            |                     |                     |                     | 9,1             |
| 10,0            | 80,4             | 52,8                 | 19 700 *            |                     |                     |                     | 10,0            |
| 12,0            | 78,1             | 52,4                 | 18 700 *            |                     |                     |                     | 12,0            |
| 14,0            | 75,8             | 52,0                 | 17 600 *            |                     |                     |                     | 14,0            |
| 16,0            | 73,5             | 51,4                 | 15 100 *            | 12 500 *            |                     |                     | 16,0            |
| 18,0            | 71,2             | 50,7                 | 12 800              | 11 600 *            | 7 800 *             |                     | 18,0            |
| 20,0            | 68,8             | 50,0                 | 11 000              | 10 300              | 7 600 *             |                     | 20,0            |
| 22,0            | 66,4             | 49,2                 | 9 700               | 9 100               | 7 300 *             | 5 500 *             | 22,0            |
| 24,0            | 63,9             | 48,2                 | 8 500               | 8 000               | 7 100 *             | 5 300 *             | 24,0            |
| 26,0            | 61,4             | 47,2                 | 7 500               | 7 200               | 6 900               | 5 200 *             | 26,0            |
| 28,0            | 58,9             | 46,1                 | 6 700               | 6 400               | 6 200               | 5 000 *             | 28,0            |
| 30,0            | 56,4             | 44,8                 | 6 100               | 5 800               | 5 600               | 4 900 *             | 30,0            |
| 32,0            | 53,6             | 43,4                 | 5 600               | 5 300               | 5 100               | 4 700 *             | 32,0            |
| 34,0            | 50,8             | 41,8                 | 5 000               | 4 800               | 4 700               | 4 500 *             | 34,0            |
| 36,0            | 47,8             | 40,1                 | 4 500               | 4 400               | 4 300               | 4 100               | 36,0            |
| 38,0            | 44,7             | 38,1                 | 4 100               | 4 100               | 3 900               | 3 800               | 38,0            |
| 40,0            | 41,5             | 36,0                 | 3 800               | 3 700               | 3 600               | 3 500               | 40,0            |
| 44,0            | 34,0             | 30,8                 | 3 200               | 3 100               | 3 000               | 3 000 *             | 44,0            |
| 48,0            | 25,0             | 23,8                 | 2 700               | 2 700 *             | 2 600 *             | 2 400 *             | 48,0            |
| 48,7            | 23,2             | 22,2                 | 2 600               | 2 600 *             | 2 600 *             | 2 300 *             | 48,7            |
| 54,9 m Boom     |                  |                      |                     |                     |                     |                     |                 |
| 9,1             | 81,8             | 56,0                 | 17 800 *            |                     |                     |                     | 9,1             |
| 10,0            | 80,9             | 55,9                 | 17 400 *            |                     |                     |                     | 10,0            |
| 12,0            | 78,7             | 55,5                 | 16 500 *            |                     |                     |                     | 12,0            |
| 14,0            | 76,6             | 55,1                 | 15 600 *            |                     |                     |                     | 14,0            |
| 16,0            | 74,5             | 54,6                 | 14 500 *            |                     |                     |                     | 16,0            |
| 18,0            | 72,3             | 54,0                 | 12 700 *            | 10 400 *            |                     |                     | 18,0            |
| 20,0            | 70,0             | 53,3                 | 10 900              | 9 800 *             | 6 800 *             |                     | 20,0            |
| 22,0            | 67,8             | 52,5                 | 9 500               | 8 900 *             | 6 500 *             | 4 800 *             | 22,0            |
| 24,0            | 65,6             | 51,6                 | 8 400               | 7 900               | 6 300 *             | 4 700 *             | 24,0            |
| 26,0            | 63,2             | 50,7                 | 7 400               | 7 000               | 6 100 *             | 4 500 *             | 26,0            |
| 28,0            | 60,9             | 49,6                 | 6 600               | 6 300               | 5 700 *             | 4 300 *             | 28,0            |
| 30,0            | 58,4             | 48,4                 | 6 000               | 5 700               | 5 300 *             | 4 200 *             | 30,0            |
| 32,0            | 55,9             | 47,1                 | 5 400               | 5 100               | 4 900 *             | 4 000 *             | 32,0            |
| 34,0            | 53,3             | 45,7                 | 4 900               | 4 700               | 4 500               | 3 700 *             | 34,0            |
| 36,0            | 50,6             | 44,1                 | 4 400               | 4 200               | 4 100               | 3 500 *             | 36,0            |
| 38,0            | 47,8             | 42,4                 | 4 100               | 3 800               | 3 700               | 3 300 *             | 38,0            |
| 40,0            | 45,0             | 40,5                 | 3 700               | 3 500               | 3 400               | 3 000 *             | 40,0            |
| 44,0            | 38,6             | 36,0                 | 3 100               | 3 000               | 2 900               | 2 500 *             | 44,0            |
| 48,0            | 31,2             | 30,2                 | 2 600               | 2 500               | 2 300 *             | 1 900 *             | 48,0            |
| 50,2            | 26,5             | 26,2                 | 2 300               | 2 300               | 1 900 *             | 1 600 *             | 50,2            |



# Liftcrane Boom Capacities

31 300 kg Crane Counterweight  
14 400 kg Carbody Counterweight  
Crawler Crane on a Barge  
0 Degree through 3 Degree Crane List  
Extended Position Crawlers  
360 Degree Rating

**11000-1**

| Load Radius (m)    | Boom Angle (deg) | Boom Point Elev. (m) | 0 Degree Crane List | 1 Degree Crane List | 2 Degree Crane List | 3 Degree Crane List | Load Radius (m) |
|--------------------|------------------|----------------------|---------------------|---------------------|---------------------|---------------------|-----------------|
| <b>57,9 m Boom</b> |                  |                      |                     |                     |                     |                     |                 |
| 9,7                | 81,6             | 59,0                 | 15 600 *            |                     |                     |                     | 9,7             |
| 10,0               | 81,3             | 59,0                 | 15 400 *            |                     |                     |                     | 10,0            |
| 12,0               | 79,3             | 58,6                 | 14 600 *            |                     |                     |                     | 12,0            |
| 14,0               | 77,4             | 58,2                 | 13 800 *            |                     |                     |                     | 14,0            |
| 16,0               | 75,3             | 57,7                 | 13 000 *            |                     |                     |                     | 16,0            |
| 18,0               | 73,2             | 57,2                 | 12 000 *            | 9 400 *             |                     |                     | 18,0            |
| 20,0               | 71,2             | 56,5                 | 10 700 *            | 8 700 *             | 6 000 *             |                     | 20,0            |
| 22,0               | 69,1             | 55,8                 | 9 500               | 8 100 *             | 5 800 *             |                     | 22,0            |
| 24,0               | 66,9             | 55,0                 | 8 300               | 7 400 *             | 5 600 *             | 4 100 *             | 24,0            |
| 26,0               | 64,7             | 54,1                 | 7 400               | 6 900 *             | 5 300 *             | 3 900 *             | 26,0            |
| 28,0               | 62,5             | 53,1                 | 6 600               | 6 200               | 5 000 *             | 3 800 *             | 28,0            |
| 30,0               | 60,2             | 52,0                 | 5 900               | 5 500               | 4 600 *             | 3 700 *             | 30,0            |
| 32,0               | 57,9             | 50,7                 | 5 300               | 5 000               | 4 200 *             | 3 500 *             | 32,0            |
| 34,0               | 55,6             | 49,4                 | 4 800               | 4 600               | 3 900 *             | 3 200 *             | 34,0            |
| 36,0               | 53,1             | 48,0                 | 4 400               | 4 200               | 3 600 *             | 3 000 *             | 36,0            |
| 38,0               | 50,6             | 46,4                 | 4 000               | 3 800               | 3 300 *             | 2 700 *             | 38,0            |
| 40,0               | 47,9             | 44,7                 | 3 600               | 3 400               | 3 000 *             | 2 500 *             | 40,0            |
| 44,0               | 42,2             | 40,7                 | 3 000               | 2 900               | 2 500 *             | 2 000 *             | 44,0            |
| 48,0               | 36,0             | 35,7                 | 2 500               | 2 400 *             | 1 900 *             | 1 600 *             | 48,0            |
| 50,2               | 32,1             | 32,5                 | 2 100               | 2 000 *             | 1 600 *             |                     | 50,2            |
| <b>61,0 m Boom</b> |                  |                      |                     |                     |                     |                     |                 |
| 10,3               | 81,5             | 62,0                 | 13 700 *            |                     |                     |                     | 10,3            |
| 12,0               | 79,8             | 61,7                 | 13 000 *            |                     |                     |                     | 12,0            |
| 14,0               | 78,0             | 61,3                 | 12 300 *            |                     |                     |                     | 14,0            |
| 16,0               | 76,0             | 60,9                 | 11 600 *            |                     |                     |                     | 16,0            |
| 18,0               | 74,0             | 60,3                 | 10 600 *            |                     |                     |                     | 18,0            |
| 20,0               | 72,2             | 59,7                 | 9 600 *             | 7 700 *             | 5 200 *             |                     | 20,0            |
| 22,0               | 70,2             | 59,0                 | 8 700 *             | 7 100 *             | 5 000 *             |                     | 22,0            |
| 24,0               | 68,1             | 58,3                 | 7 900               | 6 500 *             | 4 800 *             |                     | 24,0            |
| 26,0               | 66,1             | 57,4                 | 7 100 *             | 6 000 *             | 4 500 *             | 3 300 *             | 26,0            |
| 28,0               | 64,0             | 56,5                 | 6 400               | 5 500 *             | 4 200 *             | 3 200 *             | 28,0            |
| 30,0               | 61,9             | 55,4                 | 5 700               | 5 000 *             | 3 800 *             | 3 100 *             | 30,0            |
| 32,0               | 59,7             | 54,3                 | 5 200               | 4 600 *             | 3 500 *             | 2 900 *             | 32,0            |
| 34,0               | 57,5             | 53,1                 | 4 700               | 4 200 *             | 3 200 *             | 2 600 *             | 34,0            |
| 36,0               | 55,2             | 51,7                 | 4 200               | 3 800 *             | 3 000 *             | 2 400 *             | 36,0            |
| 38,0               | 52,9             | 50,3                 | 3 800               | 3 400 *             | 2 700 *             | 2 200 *             | 38,0            |
| 40,0               | 50,6             | 48,7                 | 3 400               | 3 100 *             | 2 400 *             | 1 900 *             | 40,0            |
| 44,0               | 45,4             | 45,1                 | 2 600 *             | 2 400 *             | 1 900 *             | 1 500 *             | 44,0            |
| 47,2               | 41,0             | 41,7                 | 2 100 *             | 1 900 *             | 1 500 *             |                     | 47,2            |