



# Liftcrane Boom Capacities

**63,500 lb Crane Counterweight**  
**14,700 lb Carbody Counterweight** (S/N 10001001 thru 10001037)  
**16,100 lb Carbody Counterweight** (S/N 10001038 and greater)  
**Crawler Crane on a Barge**  
**0 Degree through 3 Degree Crane List**  
**Extended Position Crawlers**  
**360 Degree Rating**

## 10000 SERIES 3

### LIFTING CAPACITIES:

1. 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).
2. 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.
3. Attempting to lift more than rated loads may cause machine to tip or collapse. Do not tip machine to determine capacity.
4. Do not attempt to lift where no radius on load chart is listed as crane may tip or collapse.
5. 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.
6. 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.
7. Least stable position is over the side.
8. Boom point elevation is vertical distance from barge deck to centerline of boom point shaft.
9. Auxiliary sheave (upper boom point) capacity for liftcrane service with single part line is 24,000 lb. In all cases, auxiliary sheave (upper boom point) capacities cannot exceed those listed for Liftcrane Boom capacity reduced by 420 lb.
10. 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.
11. Machine travel with load (pick and carry).
  - A. Travel with crane upperworks in-line with crawlers. Grade in any direction must not exceed 1 percent (0.5 degrees).
  - B. Travel surface must be firm, level and uniformly supporting. Capacity charts are based on static conditions; therefore judgment must be used to allow for dynamic effects of traveling with load. Carry load as close to ground as possible. Stabilize load with taglines. Travel slowly and smoothly to avoid shock loading boom, jib and rigging.
12. Jib installation is prohibited when crane is on a barge.



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**14,700 lb Carbody Counterweight (S/N 10001001 thru 10001037)**

**16,100 lb Carbody Counterweight (S/N 10001038 and greater)**

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### OPERATING CONDITION:

1. 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                                                   |
| 200 ft. (a)                                                            |
| 190 ft.                                                                |
| Load block, hook and weight ball on ground at start.                   |
| (a) Auxiliary sheave (upper point) cannot be attached on 200 ft. boom. |

2. **For Serial Numbers 10001001 thru 10001037:** Front and rear load hoist drum wire rope: 1.00 inch, 6 x 25, FI, IWRC, C/O, Minimum breaking strength: 103,400 lb. Front Drum: 771 feet, Rear Drum: 525 feet.

**For all other Serial Numbers:** Front and rear load hoist drum wire rope: 26 mm, 6 x 29, FI, IWRC, C/O, Minimum breaking strength: 120,000 lb. Front Drum: 771 feet, Rear Drum: 525 feet.

3. Boom hoist wire rope: 492 feet, 5/8 inch, 6 x 31, WS, IWRC O/O, Minimum breaking strength: 47,200 lb.

4. **For Serial Numbers 10001001 thru 10001037:** Machine equipped with 20 ft. 8 in. crawlers, 36 in. treads, 12 parts of boom hoist reeving, 63,500 lb crane counterweight and two 7,350 lb carbody counterweights.

**For all other Serial Numbers:** Machine equipped with 20 ft. 8 in. crawlers, 36 in. treads, 12 parts of boom hoist reeving, 63,500 lb crane counterweight and two 8,050 lb carbody counterweights.

Hoist Reeving for Main Loads

| No. of Parts of Line | 1      | 2      | 3      | 4       |
|----------------------|--------|--------|--------|---------|
| Maximum Loads (lb)   | 25,000 | 50,000 | 75,000 | 100,000 |

  

| No. of Parts of Line | 5       | 6       | 7       | 8       |
|----------------------|---------|---------|---------|---------|
| Maximum Loads (lb)   | 125,000 | 150,000 | 175,000 | 200,000 |

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



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## 10000 SERIES 3

| Load Radius (ft) | Boom Angle (deg) | Boom Point Elev. (ft) | 0 Degree Crane List | 1 Degree Crane List | 2 Degree Crane List | 3 Degree Crane List | Load Radius (ft) |
|------------------|------------------|-----------------------|---------------------|---------------------|---------------------|---------------------|------------------|
| 40 Ft. Boom      |                  |                       |                     |                     |                     |                     |                  |
| 10               | 81.9             | 45.3                  | 200,000 *           |                     |                     |                     | 10               |
| 11               | 80.5             | 45.1                  | 200,000 *           |                     |                     |                     | 11               |
| 12               | 79.0             | 44.9                  | 185,400 *           |                     |                     |                     | 12               |
| 13               | 77.5             | 44.7                  | 172,170 *           |                     |                     |                     | 13               |
| 14               | 76.1             | 44.4                  | 160,270 *           |                     |                     |                     | 14               |
| 15               | 74.6             | 44.2                  | 150,350 *           | 150,350 *           |                     |                     | 15               |
| 16               | 73.1             | 43.8                  | 141,090 *           | 141,090 *           |                     |                     | 16               |
| 17               | 71.5             | 43.5                  | 133,370 *           | 130,800 *           | 123,400 *           |                     | 17               |
| 18               | 70.0             | 43.1                  | 126,100 *           | 121,300 *           | 115,200 *           |                     | 18               |
| 19               | 68.5             | 42.7                  | 119,040 *           | 113,100 *           | 107,900 *           |                     | 19               |
| 20               | 66.9             | 42.3                  | 111,110 *           | 106,100 *           | 101,200 *           | 96,500 *            | 20               |
| 22               | 63.7             | 41.3                  | 97,440 *            | 93,500 *            | 89,600 *            | 85,900 *            | 22               |
| 24               | 60.5             | 40.2                  | 86,420 *            | 83,100 *            | 79,900 *            | 76,700 *            | 24               |
| 26               | 57.1             | 39.0                  | 76,940 *            | 74,200 *            | 71,600 *            | 69,100 *            | 26               |
| 28               | 53.5             | 37.5                  | 69,000 *            | 66,800 *            | 64,600 *            | 62,500 *            | 28               |
| 30               | 49.8             | 35.9                  | 62,160 *            | 60,200 *            | 58,400 *            | 56,600 *            | 30               |
| 32               | 45.9             | 34.0                  | 55,990 *            | 54,300 *            | 52,700 *            | 51,100 *            | 32               |
| 34               | 41.7             | 31.8                  | 50,260 *            | 48,800 *            | 47,500 *            | 46,300 *            | 34               |
| 36               | 37.0             | 29.3                  | 45,190 *            | 43,900 *            | 42,700 *            | 41,500 *            | 36               |
| 38               | 31.8             | 26.2                  | 40,120 *            | 39,000 *            | 38,000 *            | 37,100 *            | 38               |
| 40               | 25.7             | 22.4                  | 35,270 *            | 34,200 *            | 33,300 *            | 32,500 *            | 40               |
| 50 Ft. Boom      |                  |                       |                     |                     |                     |                     |                  |
| 12               | 81.2             | 55.1                  | 185,180 *           |                     |                     |                     | 12               |
| 13               | 80.1             | 54.9                  | 171,950 *           |                     |                     |                     | 13               |
| 14               | 78.9             | 54.7                  | 160,050 *           |                     |                     |                     | 14               |
| 15               | 77.7             | 54.5                  | 150,130 *           |                     |                     |                     | 15               |
| 16               | 76.5             | 54.3                  | 140,870 *           |                     |                     |                     | 16               |
| 17               | 75.4             | 54.0                  | 133,150 *           |                     |                     |                     | 17               |
| 18               | 74.2             | 53.7                  | 125,880 *           | 119,600 *           |                     |                     | 18               |
| 19               | 73.0             | 53.4                  | 119,040 *           | 111,900 *           |                     |                     | 19               |
| 20               | 71.7             | 53.1                  | 111,330 *           | 105,500 *           |                     |                     | 20               |
| 22               | 69.3             | 52.3                  | 98,760 *            | 93,600 *            | 88,600 *            |                     | 22               |
| 24               | 66.8             | 51.5                  | 87,520 *            | 83,200 *            | 78,900 *            | 75,400 *            | 24               |
| 26               | 64.3             | 50.5                  | 77,820 *            | 74,400 *            | 71,100 *            | 68,200 *            | 26               |
| 28               | 61.7             | 49.5                  | 70,100 *            | 67,300 *            | 64,700 *            | 62,300 *            | 28               |
| 30               | 59.0             | 48.3                  | 63,710 *            | 61,500 *            | 59,300 *            | 57,400 *            | 30               |
| 32               | 56.3             | 47.0                  | 58,420 *            | 56,500 *            | 54,700 *            | 53,100 *            | 32               |
| 34               | 53.5             | 45.5                  | 53,790 *            | 52,300 *            | 50,800 *            | 49,500 *            | 34               |
| 36               | 50.5             | 43.9                  | 50,040 *            | 48,700 *            | 47,400 *            | 46,200 *            | 36               |
| 38               | 47.4             | 42.1                  | 46,510 *            | 45,400 *            | 44,300 *            | 43,200 *            | 38               |
| 40               | 44.2             | 40.1                  | 43,430 *            | 42,200 *            | 41,200 *            | 40,100 *            | 40               |
| 45               | 35.0             | 33.9                  | 35,270 *            | 34,300 *            | 33,500 *            | 32,600 *            | 45               |
| 50               | 22.8             | 24.5                  | 27,110 *            | 26,400 *            | 25,700 *            |                     | 50               |



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14,700 lb Carbody Counterweight (S/N 10001001 thru 10001037)

16,100 lb Carbody Counterweight (S/N 10001038 and greater)

Crawler Crane on a Barge

0 Degree through 3 Degree Crane List

Extended Position Crawlers

360 Degree Rating

## 10000 SERIES 3

| Load Radius (ft) | Boom Angle (deg) | Boom Point Elev. (ft) | 0 Degree Crane List | 1 Degree Crane List | 2 Degree Crane List | 3 Degree Crane List | Load Radius (ft) |
|------------------|------------------|-----------------------|---------------------|---------------------|---------------------|---------------------|------------------|
| 60 Ft. Boom      |                  |                       |                     |                     |                     |                     |                  |
| 13               | 81.7             | 65.1                  | 171,730 *           |                     |                     |                     | 13               |
| 14               | 80.8             | 64.9                  | 159,830 *           |                     |                     |                     | 14               |
| 15               | 79.8             | 64.7                  | 149,910 *           |                     |                     |                     | 15               |
| 16               | 78.8             | 64.5                  | 140,650 *           |                     |                     |                     | 16               |
| 17               | 77.8             | 64.3                  | 132,930 *           |                     |                     |                     | 17               |
| 18               | 76.9             | 64.1                  | 124,330 *           |                     |                     |                     | 18               |
| 19               | 75.9             | 63.8                  | 116,180 *           | 108,400 *           |                     |                     | 19               |
| 20               | 74.9             | 63.5                  | 109,120 *           | 102,400 *           |                     |                     | 20               |
| 22               | 72.9             | 62.9                  | 97,000 *            | 91,700 *            |                     |                     | 22               |
| 24               | 70.9             | 62.2                  | 87,300 *            | 82,000 *            | 77,000              |                     | 24               |
| 26               | 68.8             | 61.5                  | 77,600              | 73,400              | 69,500              |                     | 26               |
| 28               | 66.8             | 60.6                  | 69,880              | 66,500              | 63,200              | 60,500              | 28               |
| 30               | 64.6             | 59.7                  | 63,490              | 60,700              | 58,000              | 55,700              | 30               |
| 32               | 62.5             | 58.7                  | 58,200              | 55,800              | 53,500              | 51,600              | 32               |
| 34               | 60.3             | 57.5                  | 53,570              | 51,600              | 49,600              | 47,900              | 34               |
| 36               | 58.1             | 56.3                  | 49,600              | 47,800              | 46,200              | 44,800              | 36               |
| 38               | 55.8             | 55.0                  | 46,070              | 44,700              | 43,300              | 42,100              | 38               |
| 40               | 53.4             | 53.5                  | 43,210              | 41,900              | 40,800              | 39,700              | 40               |
| 45               | 47.1             | 49.3                  | 37,030              | 36,100              | 35,300              | 34,600              | 45               |
| 50               | 40.1             | 43.9                  | 32,400              | 31,600 *            | 30,900 *            | 30,200 *            | 50               |
| 55               | 31.8             | 36.8                  | 27,330 *            | 26,600 *            | 25,900 *            | 25,300 *            | 55               |
| 60               | 20.7             | 26.3                  | 21,600 *            |                     |                     |                     | 60               |
| 70 Ft. Boom      |                  |                       |                     |                     |                     |                     |                  |
| 15               | 81.3             | 74.9                  | 149,690 *           |                     |                     |                     | 15               |
| 16               | 80.4             | 74.7                  | 140,430 *           |                     |                     |                     | 16               |
| 17               | 79.6             | 74.5                  | 131,830 *           |                     |                     |                     | 17               |
| 18               | 78.8             | 74.3                  | 122,570 *           |                     |                     |                     | 18               |
| 19               | 77.9             | 74.1                  | 114,630 *           |                     |                     |                     | 19               |
| 20               | 77.1             | 73.9                  | 107,580 *           |                     |                     |                     | 20               |
| 22               | 75.4             | 73.4                  | 95,900 *            |                     |                     |                     | 22               |
| 24               | 73.7             | 72.8                  | 86,420 *            | 80,800 *            |                     |                     | 24               |
| 26               | 72.0             | 72.1                  | 77,600              | 72,700              | 68,300              |                     | 26               |
| 28               | 70.2             | 71.4                  | 69,880              | 65,900              | 62,200              |                     | 28               |
| 30               | 68.5             | 70.6                  | 63,490              | 60,100              | 56,900              | 53,600 *            | 30               |
| 32               | 66.7             | 69.8                  | 57,980              | 55,100              | 52,600              | 50,400              | 32               |
| 34               | 64.9             | 68.9                  | 53,350              | 51,100              | 48,900              | 46,900              | 34               |
| 36               | 63.1             | 67.9                  | 49,600              | 47,500              | 45,500              | 43,800              | 36               |
| 38               | 61.2             | 66.8                  | 46,070              | 44,200              | 42,600              | 41,100              | 38               |
| 40               | 59.3             | 65.6                  | 42,980              | 41,400              | 40,000              | 38,800              | 40               |
| 45               | 54.4             | 62.3                  | 37,030              | 35,800              | 34,800              | 33,800              | 45               |
| 50               | 49.1             | 58.2                  | 32,180              | 31,400              | 30,800              | 30,100              | 50               |
| 55               | 43.4             | 53.3                  | 28,650              | 28,000              | 27,500              | 27,000              | 55               |
| 60               | 37.0             | 47.3                  | 25,570              | 25,000 *            | 24,400 *            | 23,900 *            | 60               |
| 65               | 29.4             | 39.4                  | 22,040 *            | 21,400 *            | 20,900 *            | 20,400 *            | 65               |



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63,500 lb Crane Counterweight  
14,700 lb Carbody Counterweight (S/N 10001001 thru 10001037)  
16,100 lb Carbody Counterweight (S/N 10001038 and greater)  
Crawler Crane on a Barge  
0 Degree through 3 Degree Crane List  
Extended Position Crawlers  
360 Degree Rating

## 10000 SERIES 3

| Load Radius (ft) | Boom Angle (deg) | Boom Point Elev. (ft) | 0 Degree Crane List | 1 Degree Crane List | 2 Degree Crane List | 3 Degree Crane List | Load Radius (ft) |
|------------------|------------------|-----------------------|---------------------|---------------------|---------------------|---------------------|------------------|
| 80 Ft. Boom      |                  |                       |                     |                     |                     |                     |                  |
| 16               | 81.6             | 84.8                  | 138,660 *           |                     |                     |                     | 16               |
| 17               | 80.9             | 84.7                  | 128,300 *           |                     |                     |                     | 17               |
| 18               | 80.2             | 84.5                  | 119,260 *           |                     |                     |                     | 18               |
| 19               | 79.5             | 84.3                  | 111,550 *           |                     |                     |                     | 19               |
| 20               | 78.7             | 84.1                  | 104,710 *           |                     |                     |                     | 20               |
| 22               | 77.3             | 83.7                  | 93,250 *            |                     |                     |                     | 22               |
| 24               | 75.8             | 83.2                  | 84,210 *            |                     |                     |                     | 24               |
| 26               | 74.3             | 82.6                  | 76,720 *            | 71,500 *            |                     |                     | 26               |
| 28               | 72.8             | 82.0                  | 69,440              | 64,800              |                     |                     | 28               |
| 30               | 71.3             | 81.3                  | 63,050              | 59,300              | 55,900              |                     | 30               |
| 32               | 69.8             | 80.6                  | 57,760              | 54,500              | 51,500              | 46,400 *            | 32               |
| 34               | 68.2             | 79.8                  | 53,130              | 50,300              | 47,900              | 44,700              | 34               |
| 36               | 66.7             | 79.0                  | 49,160              | 46,900              | 44,700              | 42,700              | 36               |
| 38               | 65.1             | 78.0                  | 45,850              | 43,700              | 41,800              | 40,100              | 38               |
| 40               | 63.5             | 77.1                  | 42,760              | 41,000              | 39,300              | 37,700              | 40               |
| 45               | 59.4             | 74.3                  | 36,590              | 35,200              | 34,100              | 33,000              | 45               |
| 50               | 55.1             | 71.0                  | 31,960              | 31,000              | 30,100              | 29,200              | 50               |
| 55               | 50.6             | 67.1                  | 28,210              | 27,500              | 26,800              | 26,100              | 55               |
| 60               | 45.7             | 62.6                  | 25,130              | 24,600              | 24,100              | 23,600              | 60               |
| 65               | 40.4             | 57.1                  | 22,700              | 22,300              | 21,900              | 21,500              | 65               |
| 70               | 34.5             | 50.4                  | 20,720              | 20,200 *            | 19,700 *            | 19,300 *            | 70               |
| 75               | 27.4             | 41.9                  | 17,850 *            | 17,300 *            | 16,900 *            | 16,500 *            | 75               |



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Crawler Crane on a Barge

0 Degree through 3 Degree Crane List

Extended Position Crawlers

360 Degree Rating

## 10000 SERIES 3

| Load Radius (ft) | Boom Angle (deg) | Boom Point Elev. (ft) | 0 Degree Crane List | 1 Degree Crane List | 2 Degree Crane List | 3 Degree Crane List | Load Radius (ft) |
|------------------|------------------|-----------------------|---------------------|---------------------|---------------------|---------------------|------------------|
| 90 Ft. Boom      |                  |                       |                     |                     |                     |                     |                  |
| 17               | 81.9             | 94.8                  | 125,660 *           |                     |                     |                     | 17               |
| 18               | 81.3             | 94.7                  | 117,720 *           |                     |                     |                     | 18               |
| 19               | 80.6             | 94.5                  | 109,780 *           |                     |                     |                     | 19               |
| 20               | 80.0             | 94.3                  | 103,170 *           |                     |                     |                     | 20               |
| 22               | 78.7             | 93.9                  | 91,710 *            |                     |                     |                     | 22               |
| 24               | 77.4             | 93.5                  | 82,670 *            |                     |                     |                     | 24               |
| 26               | 76.1             | 93.0                  | 75,390 *            |                     |                     |                     | 26               |
| 28               | 74.8             | 92.4                  | 69,220 *            | 64,200 *            |                     |                     | 28               |
| 30               | 73.4             | 91.9                  | 63,050              | 58,600              |                     |                     | 30               |
| 32               | 72.1             | 91.2                  | 57,540              | 53,800              | 50,600 *            |                     | 32               |
| 34               | 70.8             | 90.5                  | 52,910              | 49,900              | 47,100              |                     | 34               |
| 36               | 69.4             | 89.8                  | 49,160              | 46,400              | 43,900              | 39,900 *            | 36               |
| 38               | 68.0             | 89.0                  | 45,630              | 43,200              | 41,100              | 38,500 *            | 38               |
| 40               | 66.6             | 88.1                  | 42,540              | 40,500              | 38,600              | 36,900              | 40               |
| 45               | 63.1             | 85.7                  | 36,370              | 35,000              | 33,500              | 32,300              | 45               |
| 50               | 59.5             | 82.9                  | 31,740              | 30,600              | 29,600              | 28,500              | 50               |
| 55               | 55.7             | 79.7                  | 27,990              | 27,200              | 26,400              | 25,600              | 55               |
| 60               | 51.7             | 76.0                  | 25,130              | 24,400              | 23,700              | 23,100              | 60               |
| 65               | 47.5             | 71.6                  | 22,480              | 21,900              | 21,500              | 21,000              | 65               |
| 70               | 43.0             | 66.6                  | 20,500              | 20,100              | 19,700              | 19,300              | 70               |
| 75               | 38.0             | 60.6                  | 18,730              | 18,400 *            | 18,100 *            | 17,800 *            | 75               |
| 80               | 32.4             | 53.4                  | 17,190 *            | 16,700 *            | 16,300 *            | 15,900 *            | 80               |
| 85               | 25.8             | 44.2                  | 14,770 *            | 14,300 *            | 14,000 *            | 13,700 *            | 85               |



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## 10000 SERIES 3

| Load Radius (ft) | Boom Angle (deg) | Boom Point Elev. (ft) | 0 Degree Crane List | 1 Degree Crane List | 2 Degree Crane List | 3 Degree Crane List | Load Radius (ft) |
|------------------|------------------|-----------------------|---------------------|---------------------|---------------------|---------------------|------------------|
| 100 Ft. Boom     |                  |                       |                     |                     |                     |                     |                  |
| 19               | 81.6             | 104.6                 | 107,360 *           |                     |                     |                     | 19               |
| 20               | 81.0             | 104.5                 | 100,750 *           |                     |                     |                     | 20               |
| 22               | 79.8             | 104.1                 | 89,500 *            |                     |                     |                     | 22               |
| 24               | 78.7             | 103.7                 | 80,680 *            |                     |                     |                     | 24               |
| 26               | 77.5             | 103.3                 | 73,410 *            |                     |                     |                     | 26               |
| 28               | 76.3             | 102.8                 | 67,460 *            |                     |                     |                     | 28               |
| 30               | 75.1             | 102.3                 | 62,390 *            |                     |                     |                     | 30               |
| 32               | 73.9             | 101.7                 | 57,310              | 53,200              |                     |                     | 32               |
| 34               | 72.7             | 101.1                 | 52,680              | 49,200              |                     |                     | 34               |
| 36               | 71.5             | 100.4                 | 48,720              | 45,800              | 43,100              |                     | 36               |
| 38               | 70.3             | 99.7                  | 45,410              | 42,700              | 40,400              |                     | 38               |
| 40               | 69.1             | 99.0                  | 42,320              | 40,000              | 37,900              | 34,800 *            | 40               |
| 45               | 66.0             | 96.8                  | 36,150              | 34,400              | 33,000              | 31,500              | 45               |
| 50               | 62.8             | 94.4                  | 31,520              | 30,300              | 29,100              | 27,900              | 50               |
| 55               | 59.5             | 91.6                  | 27,770              | 26,800              | 25,800              | 24,900              | 55               |
| 60               | 56.1             | 88.4                  | 24,690              | 23,900              | 23,200              | 22,500              | 60               |
| 65               | 52.6             | 84.7                  | 22,260              | 21,600              | 20,900              | 20,300              | 65               |
| 70               | 48.8             | 80.6                  | 20,060              | 19,500              | 19,100              | 18,600              | 70               |
| 75               | 44.9             | 75.8                  | 18,290              | 17,800              | 17,500              | 17,100              | 75               |
| 80               | 40.6             | 70.3                  | 16,750              | 16,400              | 16,100              | 15,800              | 80               |
| 85               | 36.0             | 63.9                  | 15,430              | 15,100 *            | 14,900 *            | 14,700 *            | 85               |
| 90               | 30.7             | 56.2                  | 14,320 *            | 13,900 *            | 13,600 *            | 13,200 *            | 90               |
| 95               | 24.4             | 46.4                  | 12,340 *            | 11,900 *            | 11,600 *            | 11,300 *            | 95               |



## Liftcrane Boom Capacities

63,500 lb Crane Counterweight

14,700 lb Carbody Counterweight (S/N 10001001 thru 10001037)

16,100 lb Carbody Counterweight (S/N 10001038 and greater)

Crawler Crane on a Barge

0 Degree through 3 Degree Crane List

Extended Position Crawlers

360 Degree Rating

## 10000 SERIES 3

| Load Radius (ft) | Boom Angle (deg) | Boom Point Elev. (ft) | 0 Degree Crane List | 1 Degree Crane List | 2 Degree Crane List | 3 Degree Crane List | Load Radius (ft) |
|------------------|------------------|-----------------------|---------------------|---------------------|---------------------|---------------------|------------------|
| 110 Ft. Boom     |                  |                       |                     |                     |                     |                     |                  |
| 20               | 81.8             | 114.6                 | 100,300 *           |                     |                     |                     | 20               |
| 22               | 80.8             | 114.3                 | 89,060 *            |                     |                     |                     | 22               |
| 24               | 79.7             | 113.9                 | 80,020 *            |                     |                     |                     | 24               |
| 26               | 78.7             | 113.5                 | 72,750 *            |                     |                     |                     | 26               |
| 28               | 77.6             | 113.1                 | 66,790 *            |                     |                     |                     | 28               |
| 30               | 76.5             | 112.6                 | 61,720 *            |                     |                     |                     | 30               |
| 32               | 75.4             | 112.1                 | 57,310 *            |                     |                     |                     | 32               |
| 34               | 74.4             | 111.5                 | 52,680              | 48,800              |                     |                     | 34               |
| 36               | 73.3             | 110.9                 | 48,720              | 45,500              |                     |                     | 36               |
| 38               | 72.2             | 110.3                 | 45,410              | 42,400              |                     |                     | 38               |
| 40               | 71.1             | 109.6                 | 42,320              | 39,800              | 37,400 *            |                     | 40               |
| 45               | 68.3             | 107.7                 | 36,150              | 34,100              | 32,500              | 28,700 *            | 45               |
| 50               | 65.5             | 105.5                 | 31,520              | 30,100              | 28,800              | 27,500              | 50               |
| 55               | 62.6             | 103.1                 | 27,770              | 26,600              | 25,600              | 24,500              | 55               |
| 60               | 59.6             | 100.3                 | 24,690              | 23,800              | 23,000              | 22,200              | 60               |
| 65               | 56.5             | 97.1                  | 22,260              | 21,500              | 20,800              | 20,100              | 65               |
| 70               | 53.3             | 93.5                  | 20,060              | 19,400              | 18,900              | 18,400              | 70               |
| 75               | 49.9             | 89.5                  | 18,290              | 17,800              | 17,300              | 16,900              | 75               |
| 80               | 46.4             | 85.0                  | 16,750              | 16,300              | 15,900              | 15,600              | 80               |
| 85               | 42.7             | 79.8                  | 15,430              | 15,100              | 14,800              | 14,500              | 85               |
| 90               | 38.6             | 73.9                  | 14,320              | 14,000              | 13,700              | 13,500              | 90               |
| 95               | 34.2             | 67.0                  | 13,220              | 12,900 *            | 12,700 *            | 12,500 *            | 95               |
| 100              | 29.2             | 58.8                  | 12,120 *            | 11,700 *            | 11,400 *            | 11,100 *            | 100              |
| 105              | 23.2             | 48.5                  | 10,360 *            | 10,000 *            | 9,700 *             |                     | 105              |



# Liftcrane Boom Capacities

63,500 lb Crane Counterweight  
14,700 lb Carbody Counterweight (S/N 10001001 thru 10001037)  
16,100 lb Carbody Counterweight (S/N 10001038 and greater)  
Crawler Crane on a Barge  
0 Degree through 3 Degree Crane List  
Extended Position Crawlers  
360 Degree Rating

## 10000 SERIES 3

| Load Radius (ft) | Boom Angle (deg) | Boom Point Elev. (ft) | 0 Degree Crane List | 1 Degree Crane List | 2 Degree Crane List | 3 Degree Crane List | Load Radius (ft) |
|------------------|------------------|-----------------------|---------------------|---------------------|---------------------|---------------------|------------------|
| 120 Ft. Boom     |                  |                       |                     |                     |                     |                     |                  |
| 22               | 81.6             | 124.4                 | 87,080 *            |                     |                     |                     | 22               |
| 24               | 80.6             | 124.1                 | 78,480 *            |                     |                     |                     | 24               |
| 26               | 79.6             | 123.7                 | 71,200 *            |                     |                     |                     | 26               |
| 28               | 78.6             | 123.3                 | 65,250 *            |                     |                     |                     | 28               |
| 30               | 77.7             | 122.9                 | 60,180 *            |                     |                     |                     | 30               |
| 32               | 76.7             | 122.4                 | 55,990 *            |                     |                     |                     | 32               |
| 34               | 75.7             | 121.9                 | 52,240 *            | 48,200              |                     |                     | 34               |
| 36               | 74.7             | 121.4                 | 48,500              | 44,800              |                     |                     | 36               |
| 38               | 73.7             | 120.8                 | 44,970              | 41,900              |                     |                     | 38               |
| 40               | 72.7             | 120.2                 | 42,100              | 39,300              | 33,400 *            |                     | 40               |
| 45               | 70.2             | 118.4                 | 35,930              | 33,700              | 31,700 *            |                     | 45               |
| 50               | 67.6             | 116.5                 | 31,080              | 29,500              | 28,000              | 24,500 *            | 50               |
| 55               | 65.0             | 114.2                 | 27,330              | 26,200              | 25,000              | 23,600 *            | 55               |
| 60               | 62.3             | 111.7                 | 24,470              | 23,400              | 22,400              | 21,500              | 60               |
| 65               | 59.6             | 108.9                 | 21,820              | 21,000              | 20,300              | 19,600              | 65               |
| 70               | 56.8             | 105.8                 | 19,840              | 19,100              | 18,500              | 17,900              | 70               |
| 75               | 53.9             | 102.3                 | 18,070              | 17,500              | 17,000              | 16,400              | 75               |
| 80               | 50.8             | 98.4                  | 16,530              | 16,000              | 15,600              | 15,200              | 80               |
| 85               | 47.7             | 94.0                  | 15,210              | 14,700              | 14,300              | 13,900              | 85               |
| 90               | 44.3             | 89.1                  | 13,880              | 13,600              | 13,300              | 13,100              | 90               |
| 95               | 40.8             | 83.6                  | 13,000              | 12,700              | 12,500              | 12,200              | 95               |
| 100              | 36.9             | 77.3                  | 12,120              | 11,800              | 11,600              | 11,400              | 100              |
| 105              | 32.7             | 70.0                  | 11,240              | 10,900 *            | 10,700 *            | 10,500 *            | 105              |
| 110              | 27.9             | 61.3                  | 10,140 *            | 9,800 *             | 9,500 *             | 9,200 *             | 110              |
| 115              | 22.2             | 50.4                  | 8,590 *             | 8,300 *             |                     |                     | 115              |



## Liftcrane Boom Capacities

63,500 lb Crane Counterweight

14,700 lb Carbody Counterweight (S/N 10001001 thru 10001037)

16,100 lb Carbody Counterweight (S/N 10001038 and greater)

Crawler Crane on a Barge

0 Degree through 3 Degree Crane List

Extended Position Crawlers

360 Degree Rating

## 10000 SERIES 3

| Load Radius (ft) | Boom Angle (deg) | Boom Point Elev. (ft) | 0 Degree Crane List | 1 Degree Crane List | 2 Degree Crane List | 3 Degree Crane List | Load Radius (ft) |
|------------------|------------------|-----------------------|---------------------|---------------------|---------------------|---------------------|------------------|
| 130 Ft. Boom     |                  |                       |                     |                     |                     |                     |                  |
| 24               | 81.3             | 134.2                 | 71,860 *            |                     |                     |                     | 24               |
| 26               | 80.4             | 133.9                 | 70,980 *            |                     |                     |                     | 26               |
| 28               | 79.5             | 133.5                 | 65,030 *            |                     |                     |                     | 28               |
| 30               | 78.6             | 133.1                 | 59,960 *            |                     |                     |                     | 30               |
| 32               | 77.7             | 132.7                 | 55,550 *            |                     |                     |                     | 32               |
| 34               | 76.8             | 132.2                 | 51,800 *            |                     |                     |                     | 34               |
| 36               | 75.9             | 131.7                 | 48,500 *            |                     |                     |                     | 36               |
| 38               | 75.0             | 131.2                 | 44,970              | 41,500              |                     |                     | 38               |
| 40               | 74.1             | 130.6                 | 41,880              | 38,900              |                     |                     | 40               |
| 45               | 71.8             | 129.0                 | 35,710              | 33,600              | 28,300 *            |                     | 45               |
| 50               | 69.4             | 127.3                 | 31,080              | 29,400              | 27,400 *            |                     | 50               |
| 55               | 67.1             | 125.2                 | 27,330              | 25,900              | 24,600              | 20,800 *            | 55               |
| 60               | 64.6             | 122.9                 | 24,250              | 23,200              | 22,200              | 20,200 *            | 60               |
| 65               | 62.2             | 120.4                 | 21,820              | 20,900              | 20,000              | 19,200              | 65               |
| 70               | 59.6             | 117.6                 | 19,620              | 18,900              | 18,200              | 17,500              | 70               |
| 75               | 57.0             | 114.5                 | 17,850              | 17,200              | 16,600              | 16,100              | 75               |
| 80               | 54.4             | 111.0                 | 16,310              | 15,800              | 15,300              | 14,800              | 80               |
| 85               | 51.6             | 107.2                 | 14,990              | 14,500              | 14,100              | 13,800              | 85               |
| 90               | 48.7             | 103.0                 | 13,880              | 13,400              | 13,100              | 12,700              | 90               |
| 95               | 45.7             | 98.3                  | 12,780              | 12,400              | 12,200              | 11,900              | 95               |
| 100              | 42.5             | 93.0                  | 11,900              | 11,600              | 11,300              | 11,000              | 100              |
| 105              | 39.1             | 87.2                  | 11,020              | 10,800              | 10,600              | 10,400              | 105              |
| 110              | 35.4             | 80.5                  | 10,360              | 10,100 *            | 9,800 *             | 9,600 *             | 110              |
| 115              | 31.4             | 72.8                  | 9,470 *             | 9,200 *             | 8,900 *             | 8,700 *             | 115              |
| 120              | 26.8             | 63.7                  | 8,370 *             | 8,000 *             | 7,800 *             | 7,500 *             | 120              |
| 125              | 21.3             | 52.3                  | 7,050 *             | 6,800 *             |                     |                     | 125              |



# Liftcrane Boom Capacities

63,500 lb Crane Counterweight  
14,700 lb Carbody Counterweight (S/N 10001001 thru 10001037)  
16,100 lb Carbody Counterweight (S/N 10001038 and greater)  
Crawler Crane on a Barge  
0 Degree through 3 Degree Crane List  
Extended Position Crawlers  
360 Degree Rating

## 10000 SERIES 3

| Load Radius (ft) | Boom Angle (deg) | Boom Point Elev. (ft) | 0 Degree Crane List | 1 Degree Crane List | 2 Degree Crane List | 3 Degree Crane List | Load Radius (ft) |
|------------------|------------------|-----------------------|---------------------|---------------------|---------------------|---------------------|------------------|
| 140 Ft. Boom     |                  |                       |                     |                     |                     |                     |                  |
| 24               | 81.9             | 144.3                 | 61,720 *            |                     |                     |                     | 24               |
| 26               | 81.1             | 144.0                 | 60,840 *            |                     |                     |                     | 26               |
| 28               | 80.3             | 143.7                 | 59,960 *            |                     |                     |                     | 28               |
| 30               | 79.4             | 143.3                 | 58,640 *            |                     |                     |                     | 30               |
| 32               | 78.6             | 142.9                 | 54,450 *            |                     |                     |                     | 32               |
| 34               | 77.8             | 142.5                 | 50,700 *            |                     |                     |                     | 34               |
| 36               | 76.9             | 142.0                 | 47,390 *            |                     |                     |                     | 36               |
| 38               | 76.1             | 141.5                 | 44,530 *            |                     |                     |                     | 38               |
| 40               | 75.2             | 141.0                 | 41,660              | 38,400              |                     |                     | 40               |
| 45               | 73.1             | 139.6                 | 35,490              | 33,100              |                     |                     | 45               |
| 50               | 71.0             | 137.9                 | 30,860              | 29,000              |                     |                     | 50               |
| 55               | 68.8             | 136.0                 | 27,110              | 25,600              | 23,600 *            | 18,100 *            | 55               |
| 60               | 66.6             | 134.0                 | 24,030              | 22,800              | 21,500 *            | 17,600 *            | 60               |
| 65               | 64.3             | 131.6                 | 21,380              | 20,400              | 19,500              | 17,200 *            | 65               |
| 70               | 62.0             | 129.1                 | 19,400              | 18,600              | 17,800              | 16,600 *            | 70               |
| 75               | 59.7             | 126.2                 | 17,630              | 16,900              | 16,300              | 15,700              | 75               |
| 80               | 57.2             | 123.1                 | 16,090              | 15,500              | 14,900              | 14,400              | 80               |
| 85               | 54.8             | 119.7                 | 14,770              | 14,200              | 13,600              | 13,200              | 85               |
| 90               | 52.2             | 116.0                 | 13,440              | 13,000              | 12,700              | 12,300              | 90               |
| 95               | 49.6             | 111.9                 | 12,560              | 12,100              | 11,700              | 11,300              | 95               |
| 100              | 46.8             | 107.3                 | 11,460              | 11,200              | 10,900              | 10,700              | 100              |
| 105              | 43.9             | 102.3                 | 10,800              | 10,400              | 10,100              | 9,900               | 105              |
| 110              | 40.9             | 96.8                  | 9,920               | 9,700               | 9,400               | 9,200               | 110              |
| 115              | 37.6             | 90.6                  | 9,250               | 9,000               | 8,800               | 8,600               | 115              |
| 120              | 34.1             | 83.6                  | 8,590               | 8,300 *             | 8,100 *             | 7,800 *             | 120              |
| 125              | 30.2             | 75.6                  | 7,710 *             | 7,400 *             | 7,200 *             | 7,000 *             | 125              |
| 130              | 25.8             | 66.0                  | 6,830 *             | 6,500 *             | 6,300 *             | 6,100 *             | 130              |
| 135              | 20.5             | 54.1                  | 5,730 *             |                     |                     |                     | 135              |



## Liftcrane Boom Capacities

63,500 lb Crane Counterweight

14,700 lb Carbody Counterweight (S/N 10001001 thru 10001037)

16,100 lb Carbody Counterweight (S/N 10001038 and greater)

Crawler Crane on a Barge

0 Degree through 3 Degree Crane List

Extended Position Crawlers

360 Degree Rating

## 10000 SERIES 3

| Load Radius (ft) | Boom Angle (deg) | Boom Point Elev. (ft) | 0 Degree Crane List | 1 Degree Crane List | 2 Degree Crane List | 3 Degree Crane List | Load Radius (ft) |
|------------------|------------------|-----------------------|---------------------|---------------------|---------------------|---------------------|------------------|
| 150 Ft. Boom     |                  |                       |                     |                     |                     |                     |                  |
| 26               | 81.7             | 154.1                 | 52,680 *            |                     |                     |                     | 26               |
| 28               | 80.9             | 153.8                 | 51,800 *            |                     |                     |                     | 28               |
| 30               | 80.2             | 153.5                 | 51,140 *            |                     |                     |                     | 30               |
| 32               | 79.4             | 153.1                 | 50,260 *            |                     |                     |                     | 32               |
| 34               | 78.6             | 152.7                 | 49,600 *            |                     |                     |                     | 34               |
| 36               | 77.8             | 152.3                 | 46,510 *            |                     |                     |                     | 36               |
| 38               | 77.0             | 151.8                 | 43,650 *            |                     |                     |                     | 38               |
| 40               | 76.3             | 151.3                 | 41,220 *            |                     |                     |                     | 40               |
| 45               | 74.3             | 150.0                 | 35,270              | 32,700 *            |                     |                     | 45               |
| 50               | 72.3             | 148.5                 | 30,640              | 28,700              | 21,300 *            |                     | 50               |
| 55               | 70.3             | 146.7                 | 26,890              | 25,300              | 20,700 *            |                     | 55               |
| 60               | 68.2             | 144.8                 | 23,800              | 22,500              | 20,200 *            | 15,300 *            | 60               |
| 65               | 66.1             | 142.7                 | 21,380              | 20,200              | 19,200 *            | 15,000 *            | 65               |
| 70               | 64.0             | 140.3                 | 19,180              | 18,300              | 17,400              | 14,600 *            | 70               |
| 75               | 61.9             | 137.7                 | 17,410              | 16,600              | 15,900              | 14,300 *            | 75               |
| 80               | 59.7             | 134.9                 | 15,870              | 15,200              | 14,600              | 13,800 *            | 80               |
| 85               | 57.4             | 131.8                 | 14,550              | 14,000              | 13,500              | 13,000              | 85               |
| 90               | 55.1             | 128.4                 | 13,440              | 12,900              | 12,400              | 12,000              | 90               |
| 95               | 52.8             | 124.8                 | 12,340              | 11,900              | 11,500              | 11,200              | 95               |
| 100              | 50.3             | 120.7                 | 11,460              | 11,000              | 10,700              | 10,300              | 100              |
| 105              | 47.8             | 116.4                 | 10,580              | 10,200              | 9,800               | 9,500               | 105              |
| 110              | 45.1             | 111.5                 | 9,700               | 9,400               | 9,200               | 8,900               | 110              |
| 115              | 42.3             | 106.3                 | 9,030               | 8,800               | 8,700               | 8,500               | 115              |
| 120              | 39.4             | 100.4                 | 8,590               | 8,300               | 8,100               | 7,900               | 120              |
| 125              | 36.3             | 93.9                  | 7,930               | 7,700 *             | 7,600 *             | 7,500 *             | 125              |
| 130              | 32.9             | 86.6                  | 7,490 *             | 7,200 *             | 6,900 *             | 6,700 *             | 130              |
| 135              | 29.1             | 78.2                  | 6,610 *             | 6,300 *             | 6,100 *             | 5,900 *             | 135              |
| 140              | 24.9             | 68.2                  | 5,730 *             | 5,500 *             | 5,300 *             | 5,100 *             | 140              |



# Liftcrane Boom Capacities

63,500 lb Crane Counterweight  
14,700 lb Carbody Counterweight (S/N 10001001 thru 10001037)  
16,100 lb Carbody Counterweight (S/N 10001038 and greater)  
Crawler Crane on a Barge  
0 Degree through 3 Degree Crane List  
Extended Position Crawlers  
360 Degree Rating

## 10000 SERIES 3

| Load Radius (ft) | Boom Angle (deg) | Boom Point Elev. (ft) | 0 Degree Crane List | 1 Degree Crane List | 2 Degree Crane List | 3 Degree Crane List | Load Radius (ft) |
|------------------|------------------|-----------------------|---------------------|---------------------|---------------------|---------------------|------------------|
| 160 Ft. Boom     |                  |                       |                     |                     |                     |                     |                  |
| 28               | 81.5             | 163.9                 | 44,090 *            |                     |                     |                     | 28               |
| 30               | 80.8             | 163.6                 | 43,430 *            |                     |                     |                     | 30               |
| 32               | 80.1             | 163.3                 | 42,760 *            |                     |                     |                     | 32               |
| 34               | 79.3             | 162.9                 | 42,100 *            |                     |                     |                     | 34               |
| 36               | 78.6             | 162.5                 | 41,440 *            |                     |                     |                     | 36               |
| 38               | 77.9             | 162.1                 | 40,780 *            |                     |                     |                     | 38               |
| 40               | 77.1             | 161.6                 | 40,340 *            |                     |                     |                     | 40               |
| 45               | 75.3             | 160.4                 | 35,270              | 29,100 *            |                     |                     | 45               |
| 50               | 73.4             | 158.9                 | 30,640              | 27,700 *            |                     |                     | 50               |
| 55               | 71.5             | 157.3                 | 26,890              | 25,200              | 17,800 *            |                     | 55               |
| 60               | 69.6             | 155.5                 | 23,800              | 22,300              | 17,300 *            |                     | 60               |
| 65               | 67.7             | 153.6                 | 21,160              | 20,100              | 16,900 *            | 12,600 *            | 65               |
| 70               | 65.8             | 151.4                 | 19,180              | 18,200              | 16,500 *            | 12,400 *            | 70               |
| 75               | 63.8             | 149.0                 | 17,410              | 16,600              | 15,800              | 12,100 *            | 75               |
| 80               | 61.8             | 146.4                 | 15,870              | 15,000              | 14,300              | 11,700 *            | 80               |
| 85               | 59.7             | 143.6                 | 14,320              | 13,700              | 13,200              | 11,500 *            | 85               |
| 90               | 57.6             | 140.5                 | 13,220              | 12,600              | 12,100              | 11,200 *            | 90               |
| 95               | 55.4             | 137.1                 | 12,120              | 11,700              | 11,300              | 10,700 *            | 95               |
| 100              | 53.2             | 133.5                 | 11,240              | 10,800              | 10,400              | 10,100              | 100              |
| 105              | 51.0             | 129.6                 | 10,360              | 10,000              | 9,700               | 9,500               | 105              |
| 110              | 48.6             | 125.3                 | 9,700               | 9,400               | 9,100               | 8,800               | 110              |
| 115              | 46.2             | 120.7                 | 9,030               | 8,700               | 8,500               | 8,200               | 115              |
| 120              | 43.6             | 115.6                 | 8,370               | 8,100               | 7,800               | 7,600               | 120              |
| 125              | 40.9             | 110.0                 | 7,710               | 7,500               | 7,300               | 7,200 *             | 125              |
| 130              | 38.1             | 103.9                 | 7,270               | 7,100 *             | 6,900 *             | 6,800 *             | 130              |
| 135              | 35.1             | 97.1                  | 6,830 *             | 6,500 *             | 6,200 *             | 6,000 *             | 135              |
| 140              | 31.8             | 89.5                  | 5,950 *             | 5,700 *             | 5,500 *             | 5,300 *             | 140              |
| 145              | 28.2             | 80.7                  | 5,290 *             | 5,000 *             | 4,800 *             | 4,600 *             | 145              |
| 150              | 24.1             | 70.4                  | 4,400 *             | 4,200 *             | 4,000 *             | 3,800 *             | 150              |



## Liftcrane Boom Capacities

63,500 lb Crane Counterweight

14,700 lb Carbody Counterweight (S/N 10001001 thru 10001037)

16,100 lb Carbody Counterweight (S/N 10001038 and greater)

Crawler Crane on a Barge

0 Degree through 3 Degree Crane List

Extended Position Crawlers

360 Degree Rating

## 10000 SERIES 3

| Load Radius (ft) | Boom Angle (deg) | Boom Point Elev. (ft) | 0 Degree Crane List | 1 Degree Crane List | 2 Degree Crane List | 3 Degree Crane List | Load Radius (ft) |
|------------------|------------------|-----------------------|---------------------|---------------------|---------------------|---------------------|------------------|
| 170 Ft. Boom     |                  |                       |                     |                     |                     |                     |                  |
| 28               | 82.0             | 174.0                 | 38,800 *            |                     |                     |                     | 28               |
| 30               | 81.3             | 173.7                 | 38,130 *            |                     |                     |                     | 30               |
| 32               | 80.6             | 173.4                 | 37,470 *            |                     |                     |                     | 32               |
| 34               | 80.0             | 173.1                 | 37,030 *            |                     |                     |                     | 34               |
| 36               | 79.3             | 172.7                 | 36,370 *            |                     |                     |                     | 36               |
| 38               | 78.6             | 172.3                 | 35,710 *            |                     |                     |                     | 38               |
| 40               | 77.9             | 171.9                 | 35,270 *            |                     |                     |                     | 40               |
| 45               | 76.2             | 170.7                 | 33,950 *            |                     |                     |                     | 45               |
| 50               | 74.4             | 169.4                 | 30,420              | 24,800 *            |                     |                     | 50               |
| 55               | 72.7             | 167.9                 | 26,670              | 23,900 *            | 15,300 *            |                     | 55               |
| 60               | 70.9             | 166.2                 | 23,580              | 22,000              | 15,100 *            |                     | 60               |
| 65               | 69.1             | 164.3                 | 20,940              | 19,800              | 14,700 *            |                     | 65               |
| 70               | 67.3             | 162.3                 | 18,950              | 17,900              | 14,200 *            | 10,500 *            | 70               |
| 75               | 65.4             | 160.1                 | 17,190              | 16,300              | 13,800 *            | 10,200 *            | 75               |
| 80               | 63.6             | 157.7                 | 15,650              | 14,800              | 13,400 *            | 10,000 *            | 80               |
| 85               | 61.7             | 155.1                 | 14,100              | 13,500              | 12,900              | 9,700 *             | 85               |
| 90               | 59.7             | 152.2                 | 13,000              | 12,400              | 11,800              | 9,500 *             | 90               |
| 95               | 57.7             | 149.2                 | 11,900              | 11,400              | 11,000              | 9,300 *             | 95               |
| 100              | 55.7             | 145.8                 | 11,020              | 10,500              | 10,100              | 9,000 *             | 100              |
| 105              | 53.6             | 142.3                 | 10,140              | 9,800               | 9,500               | 8,700 *             | 105              |
| 110              | 51.5             | 138.4                 | 9,470               | 9,100               | 8,800               | 8,400 *             | 110              |
| 115              | 49.3             | 134.2                 | 8,810               | 8,500               | 8,200               | 7,900               | 115              |
| 120              | 47.1             | 129.7                 | 8,150               | 7,800               | 7,500               | 7,300               | 120              |
| 125              | 44.7             | 124.8                 | 7,490               | 7,300               | 7,100               | 6,900               | 125              |
| 130              | 42.2             | 119.5                 | 7,050               | 6,800               | 6,700               | 6,500 *             | 130              |
| 135              | 39.6             | 113.7                 | 6,610               | 6,400 *             | 6,200 *             | 6,000 *             | 135              |
| 140              | 36.9             | 107.3                 | 6,170 *             | 5,900 *             | 5,700 *             | 5,400 *             | 140              |
| 145              | 34.0             | 100.2                 | 5,510 *             | 5,200 *             | 5,000 *             | 4,800 *             | 145              |
| 150              | 30.8             | 92.2                  | 4,850 *             | 4,600 *             | 4,400 *             | 4,200 *             | 150              |
| 155              | 27.3             | 83.1                  | 4,180 *             | 4,000 *             | 3,800 *             | 3,600 *             | 155              |
| 160              | 23.3             | 72.5                  | 3,520 *             | 3,300 *             | 3,100 *             |                     | 160              |



# Liftcrane Boom Capacities

63,500 lb Crane Counterweight  
14,700 lb Carbody Counterweight (S/N 10001001 thru 10001037)  
16,100 lb Carbody Counterweight (S/N 10001038 and greater)  
Crawler Crane on a Barge  
0 Degree through 3 Degree Crane List  
Extended Position Crawlers  
360 Degree Rating

## 10000 SERIES 3

| Load Radius (ft) | Boom Angle (deg) | Boom Point Elev. (ft) | 0 Degree Crane List | 1 Degree Crane List | 2 Degree Crane List | 3 Degree Crane List | Load Radius (ft) |
|------------------|------------------|-----------------------|---------------------|---------------------|---------------------|---------------------|------------------|
| 180 Ft. Boom     |                  |                       |                     |                     |                     |                     |                  |
| 30               | 81.8             | 183.9                 | 33,730 *            |                     |                     |                     | 30               |
| 32               | 81.2             | 183.6                 | 33,060 *            |                     |                     |                     | 32               |
| 34               | 80.5             | 183.2                 | 32,620 *            |                     |                     |                     | 34               |
| 36               | 79.9             | 182.9                 | 31,960 *            |                     |                     |                     | 36               |
| 38               | 79.2             | 182.5                 | 31,520 *            |                     |                     |                     | 38               |
| 40               | 78.6             | 182.1                 | 31,080 *            |                     |                     |                     | 40               |
| 45               | 77.0             | 181.0                 | 29,760 *            |                     |                     |                     | 45               |
| 50               | 75.3             | 179.7                 | 28,650 *            |                     |                     |                     | 50               |
| 55               | 73.7             | 178.3                 | 26,230              | 20,900 *            |                     |                     | 55               |
| 60               | 72.0             | 176.7                 | 23,360              | 20,000 *            | 12,900 *            |                     | 60               |
| 65               | 70.3             | 175.0                 | 20,720              | 18,800 *            | 12,400 *            |                     | 65               |
| 70               | 68.6             | 173.1                 | 18,730              | 17,300 *            | 12,000 *            | 8,600 *             | 70               |
| 75               | 66.9             | 171.0                 | 16,750              | 15,800 *            | 11,800 *            | 8,400 *             | 75               |
| 80               | 65.1             | 168.8                 | 15,210              | 14,400              | 11,300 *            | 8,200 *             | 80               |
| 85               | 63.4             | 166.4                 | 13,880              | 13,200              | 10,900 *            | 8,000 *             | 85               |
| 90               | 61.6             | 163.7                 | 12,780              | 12,100              | 10,500 *            | 7,700 *             | 90               |
| 95               | 59.7             | 160.9                 | 11,680              | 11,100              | 10,000 *            | 7,500 *             | 95               |
| 100              | 57.9             | 157.8                 | 10,800              | 10,300              | 9,400 *             | 7,300 *             | 100              |
| 105              | 56.0             | 154.5                 | 9,920               | 9,400               | 8,700 *             | 7,100 *             | 105              |
| 110              | 54.0             | 151.0                 | 9,030               | 8,600               | 8,300               | 6,800 *             | 110              |
| 115              | 52.0             | 147.2                 | 8,370               | 8,000               | 7,700               | 6,400 *             | 115              |
| 120              | 50.0             | 143.1                 | 7,710               | 7,400               | 7,200               | 5,900 *             | 120              |
| 125              | 47.8             | 138.7                 | 7,270               | 7,000               | 6,600 *             | 5,500 *             | 125              |
| 130              | 45.6             | 134.0                 | 6,830               | 6,500 *             | 6,200 *             | 5,100 *             | 130              |
| 135              | 43.4             | 128.8                 | 6,170               | 5,900 *             | 5,700 *             | 4,700 *             | 135              |
| 140              | 41.0             | 123.3                 | 5,730               | 5,500 *             | 5,100 *             | 4,300 *             | 140              |
| 145              | 38.5             | 117.2                 | 5,290 *             | 5,100 *             | 4,700 *             | 3,900 *             | 145              |
| 150              | 35.8             | 110.5                 | 4,850 *             | 4,600 *             | 4,300 *             | 3,400 *             | 150              |
| 155              | 33.0             | 103.2                 | 4,180 *             | 3,900 *             | 3,700 *             | 3,000 *             | 155              |
| 160              | 29.9             | 94.9                  | 3,520 *             | 3,300 *             | 3,200 *             |                     | 160              |
| 165              | 26.5             | 85.5                  | 3,080 *             |                     |                     |                     | 165              |



## Liftcrane Boom Capacities

63,500 lb Crane Counterweight

14,700 lb Carbody Counterweight (S/N 10001001 thru 10001037)

16,100 lb Carbody Counterweight (S/N 10001038 and greater)

Crawler Crane on a Barge

0 Degree through 3 Degree Crane List

Extended Position Crawlers

360 Degree Rating

## 10000 SERIES 3

| Load Radius (ft) | Boom Angle (deg) | Boom Point Elev. (ft) | 0 Degree Crane List | 1 Degree Crane List | 2 Degree Crane List | 3 Degree Crane List | Load Radius (ft) |
|------------------|------------------|-----------------------|---------------------|---------------------|---------------------|---------------------|------------------|
| 190 Ft. Boom     |                  |                       |                     |                     |                     |                     |                  |
| 32               | 81.6             | 193.7                 | 29,540 *            |                     |                     |                     | 32               |
| 34               | 81.0             | 193.4                 | 28,880 *            |                     |                     |                     | 34               |
| 36               | 80.4             | 193.0                 | 28,430 *            |                     |                     |                     | 36               |
| 38               | 79.8             | 192.7                 | 27,990 *            |                     |                     |                     | 38               |
| 40               | 79.2             | 192.3                 | 27,550 *            |                     |                     |                     | 40               |
| 45               | 77.6             | 191.2                 | 26,450 *            |                     |                     |                     | 45               |
| 50               | 76.1             | 190.1                 | 25,350 *            |                     |                     |                     | 50               |
| 55               | 74.5             | 188.7                 | 24,250 *            | 18,300 *            |                     |                     | 55               |
| 60               | 73.0             | 187.2                 | 22,700 *            | 17,300 *            |                     |                     | 60               |
| 65               | 71.4             | 185.6                 | 20,500 *            | 16,400 *            | 10,500 *            |                     | 65               |
| 70               | 69.8             | 183.8                 | 18,510 *            | 15,300 *            | 10,300 *            |                     | 70               |
| 75               | 68.2             | 181.9                 | 16,750 *            | 14,400 *            | 10,000 *            | 7,000 *             | 75               |
| 80               | 66.5             | 179.8                 | 15,210 *            | 13,500 *            | 9,600 *             | 6,800 *             | 80               |
| 85               | 64.9             | 177.5                 | 13,660 *            | 12,600 *            | 9,300 *             | 6,600 *             | 85               |
| 90               | 63.2             | 175.0                 | 12,560 *            | 11,800 *            | 8,900 *             | 6,400 *             | 90               |
| 95               | 61.5             | 172.4                 | 11,460 *            | 10,900 *            | 8,200 *             | 6,200 *             | 95               |
| 100              | 59.7             | 169.5                 | 10,580 *            | 10,000 *            | 7,800 *             | 6,000 *             | 100              |
| 105              | 58.0             | 166.5                 | 9,700 *             | 9,300 *             | 7,200 *             | 5,800 *             | 105              |
| 110              | 56.2             | 163.2                 | 9,030 *             | 8,600 *             | 6,700 *             | 5,400 *             | 110              |
| 115              | 54.3             | 159.7                 | 8,370 *             | 8,000 *             | 6,300 *             | 5,000 *             | 115              |
| 120              | 52.5             | 156.0                 | 7,710 *             | 7,300 *             | 5,700 *             | 4,600 *             | 120              |
| 125              | 50.5             | 152.0                 | 7,050 *             | 6,800 *             | 5,200 *             | 4,200 *             | 125              |
| 130              | 48.5             | 147.7                 | 6,610 *             | 6,200 *             | 4,800 *             | 3,900 *             | 130              |
| 135              | 46.5             | 143.1                 | 6,170 *             | 5,700 *             | 4,400 *             | 3,500 *             | 135              |
| 140              | 44.4             | 138.1                 | 5,730 *             | 5,300 *             | 3,900 *             | 3,100 *             | 140              |
| 145              | 42.1             | 132.7                 | 5,290 *             | 4,700 *             | 3,500 *             |                     | 145              |
| 150              | 39.8             | 126.9                 | 4,850 *             | 4,200 *             | 3,100 *             |                     | 150              |
| 155              | 37.4             | 120.6                 | 4,180 *             | 3,600 *             |                     |                     | 155              |
| 160              | 34.8             | 113.7                 | 3,740 *             | 3,100 *             |                     |                     | 160              |
| 165              | 32.1             | 106.1                 | 3,300 *             |                     |                     |                     | 165              |



# Liftcrane Boom Capacities

63,500 lb Crane Counterweight  
14,700 lb Carbody Counterweight (S/N 10001001 thru 10001037)  
16,100 lb Carbody Counterweight (S/N 10001038 and greater)  
Crawler Crane on a Barge  
0 Degree through 3 Degree Crane List  
Extended Position Crawlers  
360 Degree Rating

## 10000 SERIES 3

| Load Radius (ft) | Boom Angle (deg) | Boom Point Elev. (ft) | 0 Degree Crane List | 1 Degree Crane List | 2 Degree Crane List | 3 Degree Crane List | Load Radius (ft) |
|------------------|------------------|-----------------------|---------------------|---------------------|---------------------|---------------------|------------------|
| 200 Ft. Boom     |                  |                       |                     |                     |                     |                     |                  |
| 34               | 81.5             | 203.5                 | 25,790 *            |                     |                     |                     | 34               |
| 36               | 80.9             | 203.2                 | 25,350 *            |                     |                     |                     | 36               |
| 38               | 80.3             | 202.8                 | 24,910 *            |                     |                     |                     | 38               |
| 40               | 79.7             | 202.5                 | 24,470 *            |                     |                     |                     | 40               |
| 45               | 78.3             | 201.5                 | 23,360 *            |                     |                     |                     | 45               |
| 50               | 76.8             | 200.4                 | 22,480 *            |                     |                     |                     | 50               |
| 55               | 75.3             | 199.1                 | 21,380 *            |                     |                     |                     | 55               |
| 60               | 73.8             | 197.7                 | 19,840 *            | 14,800 *            |                     |                     | 60               |
| 65               | 72.3             | 196.2                 | 18,510 *            | 13,900 *            | 8,600 *             |                     | 65               |
| 70               | 70.8             | 194.5                 | 16,970 *            | 12,900 *            | 8,300 *             |                     | 70               |
| 75               | 69.3             | 192.6                 | 15,650 *            | 11,900 *            | 8,000 *             |                     | 75               |
| 80               | 67.8             | 190.6                 | 14,550 *            | 11,200 *            | 7,800 *             | 5,300 *             | 80               |
| 85               | 66.2             | 188.5                 | 13,440 *            | 10,400 *            | 7,500 *             | 5,000 *             | 85               |
| 90               | 64.6             | 186.2                 | 12,340 *            | 9,700 *             | 7,100 *             | 4,800 *             | 90               |
| 95               | 63.0             | 183.7                 | 11,240 *            | 8,900 *             | 6,600 *             | 4,600 *             | 95               |
| 100              | 61.4             | 181.0                 | 10,360 *            | 8,100 *             | 6,000 *             | 4,400 *             | 100              |
| 105              | 59.8             | 178.2                 | 9,470 *             | 7,500 *             | 5,600 *             | 4,200 *             | 105              |
| 110              | 58.1             | 175.2                 | 8,590 *             | 6,800 *             | 5,200 *             | 4,000 *             | 110              |
| 115              | 56.4             | 171.9                 | 7,930 *             | 6,300 *             | 4,700 *             | 3,600 *             | 115              |
| 120              | 54.6             | 168.5                 | 7,270 *             | 5,700 *             | 4,300 *             | 3,200 *             | 120              |
| 125              | 52.9             | 164.8                 | 6,610 *             | 5,200 *             | 3,900 *             |                     | 125              |
| 130              | 51.0             | 160.8                 | 5,950 *             | 4,700 *             | 3,400 *             |                     | 130              |
| 135              | 49.2             | 156.6                 | 5,290 *             | 4,100 *             | 3,000 *             |                     | 135              |
| 140              | 47.2             | 152.1                 | 4,620 *             | 3,700 *             |                     |                     | 140              |
| 145              | 45.2             | 147.3                 | 4,180 *             | 3,300 *             |                     |                     | 145              |
| 150              | 43.2             | 142.1                 | 3,520 *             |                     |                     |                     | 150              |
| 155              | 41.0             | 136.5                 | 3,080 *             |                     |                     |                     | 155              |