



# Liftcrane Boom Capacities

**57,600 lb Crane Counterweight**  
**14,300 lb Carbody Counterweight**  
**Crawler Crane on a Barge**  
**0 Degree through 3 Degree Crane List**  
**Extended Position Crawlers**  
**360 Degree Rating**

**8000-1**

## 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. Upper boom point capacity for liftcrane service with single part line is 17,000 lbs. In all cases, upper boom point capacities cannot exceed those listed for Liftcrane Boom capacity reduced by 320 lbs.
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. Travel with load (pick and carry) is not permitted.
12. Jib installation is prohibited when crane is on a barge.

## 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.<br>(a) Upper point cannot be attached on 200 ft. boom. |         |

2. See Operator Manual Section 6 for Wire Rope Specifications.
3. Machine equipped with 20 ft 7 in crawlers, 36 in treads, 12 parts of boom hoist reeving, 57,600 lb crane counterweight and 14,300 lb carbody counterweight.

### Hoist Reeving for Main Boom Loads

| No. of Parts of Line | 1      | 2      | 3      | 4      | 5      |
|----------------------|--------|--------|--------|--------|--------|
| Maximum Loads (lb)   | 17,000 | 34,000 | 51,000 | 68,000 | 85,000 |

| No. of Parts of Line | 6       | 7       | 8       | 9       | 10      |
|----------------------|---------|---------|---------|---------|---------|
| Maximum Loads (lb)   | 102,000 | 119,000 | 136,000 | 153,000 | 170,000 |

### Hoist Reeving for Upper Boom Point

| No. of Parts of Line | 1      |
|----------------------|--------|
| Maximum Loads (lb)   | 17,000 |

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



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0 Degree through 3 Degree Crane List

Extended Position Crawlers

360 Degree Rating

# 8000-1

| 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) |
|------------------|------------------|-----------------------|---------------------|---------------------|---------------------|---------------------|------------------|
| 50 ft Boom       |                  |                       |                     |                     |                     |                     |                  |
| 12.0             | 81.1             | 55.0                  | 166,400 *           |                     |                     |                     | 12.0             |
| 13.0             | 79.9             | 54.9                  | 154,400 *           |                     |                     |                     | 13.0             |
| 14.0             | 78.8             | 54.7                  | 144,000 *           |                     |                     |                     | 14.0             |
| 15.0             | 77.6             | 54.4                  | 134,900 *           |                     |                     |                     | 15.0             |
| 16.0             | 76.4             | 54.2                  | 126,900 *           |                     |                     |                     | 16.0             |
| 17.0             | 75.2             | 53.9                  | 119,700 *           |                     |                     |                     | 17.0             |
| 18.0             | 74.0             | 53.6                  | 113,200 *           | 105,400             |                     |                     | 18.0             |
| 19.0             | 72.8             | 53.3                  | 105,660             | 97,100              |                     |                     | 19.0             |
| 20.0             | 71.6             | 53.0                  | 97,350              | 90,500              |                     |                     | 20.0             |
| 22.0             | 69.2             | 52.2                  | 84,010              | 78,800              | 73,500              |                     | 22.0             |
| 24.0             | 66.7             | 51.4                  | 73,810              | 69,700              | 65,500              |                     | 24.0             |
| 26.0             | 64.2             | 50.5                  | 65,760              | 62,400              | 59,000              | 56,100              | 26.0             |
| 28.0             | 61.6             | 49.4                  | 59,230              | 56,400              | 53,700              | 51,400              | 28.0             |
| 30.0             | 58.9             | 48.2                  | 53,850              | 51,500              | 49,200              | 47,300              | 30.0             |
| 32.0             | 56.2             | 46.9                  | 49,310              | 47,300              | 45,500              | 43,700              | 32.0             |
| 34.0             | 53.3             | 45.5                  | 45,480              | 43,700              | 42,200              | 40,700              | 34.0             |
| 36.0             | 50.4             | 43.8                  | 42,150              | 40,600              | 39,300              | 38,100              | 36.0             |
| 38.0             | 47.3             | 42.0                  | 39,280              | 37,900              | 36,800              | 35,500              | 38.0             |
| 40.0             | 44.1             | 40.0                  | 36,750              | 35,700              | 34,800              | 33,800              | 40.0             |
| 60 ft Boom       |                  |                       |                     |                     |                     |                     |                  |
| 13.0             | 81.6             | 65.0                  | 154,200 *           |                     |                     |                     | 13.0             |
| 14.0             | 80.7             | 64.8                  | 143,800 *           |                     |                     |                     | 14.0             |
| 15.0             | 79.7             | 64.7                  | 134,700 *           |                     |                     |                     | 15.0             |
| 16.0             | 78.7             | 64.5                  | 126,700 *           |                     |                     |                     | 16.0             |
| 17.0             | 77.7             | 64.2                  | 119,500 *           |                     |                     |                     | 17.0             |
| 18.0             | 76.8             | 64.0                  | 113,000 *           |                     |                     |                     | 18.0             |
| 19.0             | 75.8             | 63.7                  | 105,460             |                     |                     |                     | 19.0             |
| 20.0             | 74.8             | 63.5                  | 97,130              | 89,000              |                     |                     | 20.0             |
| 22.0             | 72.8             | 62.9                  | 83,790              | 77,500              |                     |                     | 22.0             |
| 24.0             | 70.8             | 62.2                  | 73,560              | 68,500              | 63,600              |                     | 24.0             |
| 26.0             | 68.7             | 61.4                  | 65,490              | 61,400              | 57,900              | 51,000              | 26.0             |
| 28.0             | 66.6             | 60.6                  | 58,970              | 55,600              | 52,700              | 49,100              | 28.0             |
| 30.0             | 64.5             | 59.6                  | 53,570              | 50,700              | 48,200              | 45,800              | 30.0             |
| 32.0             | 62.4             | 58.6                  | 49,030              | 46,600              | 44,500              | 42,500              | 32.0             |
| 34.0             | 60.2             | 57.5                  | 45,170              | 43,100              | 41,000              | 39,400              | 34.0             |
| 36.0             | 58.0             | 56.3                  | 41,840              | 40,000              | 38,400              | 36,900              | 36.0             |
| 38.0             | 55.7             | 54.9                  | 38,950              | 37,300              | 35,800              | 34,700              | 38.0             |
| 40.0             | 53.3             | 53.5                  | 36,410              | 35,000              | 33,900              | 32,700              | 40.0             |
| 45.0             | 47.0             | 49.2                  | 31,230              | 30,200              | 29,300              | 28,500              | 45.0             |
| 50.0             | 40.0             | 43.8                  | 27,290              | 26,400              | 25,900              | 25,300              | 50.0             |



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360 Degree Rating

**8000-1**

| 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) |
|-------------------|------------------|-----------------------|---------------------|---------------------|---------------------|---------------------|------------------|
| <b>70 ft Boom</b> |                  |                       |                     |                     |                     |                     |                  |
| 14.0              | 82.0             | 75.0                  | 143,600 *           |                     |                     |                     | 14.0             |
| 15.0              | 81.2             | 74.8                  | 134,500 *           |                     |                     |                     | 15.0             |
| 16.0              | 80.3             | 74.6                  | 126,500 *           |                     |                     |                     | 16.0             |
| 17.0              | 79.5             | 74.5                  | 119,300 *           |                     |                     |                     | 17.0             |
| 18.0              | 78.7             | 74.2                  | 112,800 *           |                     |                     |                     | 18.0             |
| 19.0              | 77.8             | 74.0                  | 105,400             |                     |                     |                     | 19.0             |
| 20.0              | 77.0             | 73.8                  | 97,060              |                     |                     |                     | 20.0             |
| 22.0              | 75.3             | 73.3                  | 83,700              |                     |                     |                     | 22.0             |
| 24.0              | 73.6             | 72.7                  | 73,470              | 67,700              |                     |                     | 24.0             |
| 26.0              | 71.9             | 72.1                  | 65,380              | 60,600              |                     |                     | 26.0             |
| 28.0              | 70.1             | 71.4                  | 58,840              | 54,900              | 51,600              |                     | 28.0             |
| 30.0              | 68.4             | 70.6                  | 53,430              | 50,200              | 47,300              | 42,400              | 30.0             |
| 32.0              | 66.6             | 69.7                  | 48,890              | 46,100              | 43,700              | 40,900              | 32.0             |
| 34.0              | 64.8             | 68.8                  | 45,030              | 42,500              | 40,500              | 38,400              | 34.0             |
| 36.0              | 63.0             | 67.8                  | 41,680              | 39,500              | 37,700              | 35,900              | 36.0             |
| 38.0              | 61.1             | 66.7                  | 38,800              | 36,900              | 35,000              | 33,900              | 38.0             |
| 40.0              | 59.2             | 65.5                  | 36,240              | 34,800              | 33,300              | 31,900              | 40.0             |
| 45.0              | 54.3             | 62.2                  | 31,040              | 29,900              | 28,800              | 27,700              | 45.0             |
| 50.0              | 49.0             | 58.2                  | 27,070              | 26,100              | 25,300              | 24,600              | 50.0             |
| 55.0              | 43.3             | 53.3                  | 23,960              | 23,100              | 22,500              | 21,900              | 55.0             |
| 60.0              | 36.9             | 47.2                  | 21,450              | 20,800              | 20,300              | 19,800              | 60.0             |
| <b>80 ft Boom</b> |                  |                       |                     |                     |                     |                     |                  |
| 16.0              | 81.6             | 84.8                  | 126,300 *           |                     |                     |                     | 16.0             |
| 17.0              | 80.8             | 84.6                  | 119,100 *           |                     |                     |                     | 17.0             |
| 18.0              | 80.1             | 84.4                  | 112,600 *           |                     |                     |                     | 18.0             |
| 19.0              | 79.4             | 84.2                  | 105,290             |                     |                     |                     | 19.0             |
| 20.0              | 78.6             | 84.0                  | 96,930              |                     |                     |                     | 20.0             |
| 22.0              | 77.2             | 83.6                  | 83,550              |                     |                     |                     | 22.0             |
| 24.0              | 75.7             | 83.1                  | 73,320              |                     |                     |                     | 24.0             |
| 26.0              | 74.2             | 82.5                  | 65,230              | 60,000              |                     |                     | 26.0             |
| 28.0              | 72.7             | 81.9                  | 58,680              | 54,200              |                     |                     | 28.0             |
| 30.0              | 71.2             | 81.3                  | 53,260              | 49,500              |                     |                     | 30.0             |
| 32.0              | 69.7             | 80.5                  | 48,690              | 45,500              | 42,800              |                     | 32.0             |
| 34.0              | 68.1             | 79.7                  | 44,840              | 42,000              | 39,700              | 35,800              | 34.0             |
| 36.0              | 66.6             | 78.9                  | 41,490              | 39,000              | 36,900              | 34,500              | 36.0             |
| 38.0              | 65.0             | 78.0                  | 38,580              | 36,500              | 34,600              | 32,700              | 38.0             |
| 40.0              | 63.4             | 77.0                  | 36,020              | 34,300              | 32,600              | 30,900              | 40.0             |
| 45.0              | 59.3             | 74.2                  | 30,820              | 29,500              | 28,200              | 27,000              | 45.0             |
| 50.0              | 55.0             | 70.9                  | 26,820              | 25,700              | 24,700              | 23,800              | 50.0             |
| 55.0              | 50.5             | 67.1                  | 23,670              | 22,800              | 22,000              | 21,300              | 55.0             |
| 60.0              | 45.6             | 62.5                  | 21,140              | 20,400              | 19,900              | 19,200              | 60.0             |
| 65.0              | 40.3             | 57.0                  | 19,060              | 18,400              | 18,000              | 17,500              | 65.0             |



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0 Degree through 3 Degree Crane List

Extended Position Crawlers

360 Degree Rating

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| 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       |                  |                       |                     |                     |                     |                     |                  |
| 17.0             | 81.9             | 94.7                  | 118,820 *           |                     |                     |                     | 17.0             |
| 18.0             | 81.2             | 94.6                  | 112,400 *           |                     |                     |                     | 18.0             |
| 19.0             | 80.6             | 94.4                  | 105,220             |                     |                     |                     | 19.0             |
| 20.0             | 79.9             | 94.2                  | 96,870              |                     |                     |                     | 20.0             |
| 22.0             | 78.6             | 93.8                  | 83,480              |                     |                     |                     | 22.0             |
| 24.0             | 77.3             | 93.4                  | 73,230              |                     |                     |                     | 24.0             |
| 26.0             | 76.0             | 92.9                  | 65,140              |                     |                     |                     | 26.0             |
| 28.0             | 74.7             | 92.4                  | 58,570              | 53,700              |                     |                     | 28.0             |
| 30.0             | 73.4             | 91.8                  | 53,150              | 49,000              |                     |                     | 30.0             |
| 32.0             | 72.0             | 91.1                  | 48,580              | 45,000              | 41,700              |                     | 32.0             |
| 34.0             | 70.7             | 90.5                  | 44,700              | 41,700              | 38,900              |                     | 34.0             |
| 36.0             | 69.3             | 89.7                  | 41,380              | 38,700              | 36,300              |                     | 36.0             |
| 38.0             | 68.0             | 88.9                  | 38,440              | 36,100              | 34,200              |                     | 38.0             |
| 40.0             | 66.6             | 88.1                  | 35,890              | 34,000              | 32,100              | 29,900              | 40.0             |
| 45.0             | 63.0             | 85.7                  | 30,660              | 29,300              | 27,700              | 26,400              | 45.0             |
| 50.0             | 59.4             | 82.9                  | 26,670              | 25,500              | 24,300              | 23,400              | 50.0             |
| 55.0             | 55.6             | 79.6                  | 23,520              | 22,500              | 21,600              | 20,800              | 55.0             |
| 60.0             | 51.6             | 75.9                  | 20,960              | 20,100              | 19,400              | 18,700              | 60.0             |
| 65.0             | 47.4             | 71.6                  | 18,870              | 18,100              | 17,600              | 17,000              | 65.0             |
| 70.0             | 42.9             | 66.5                  | 17,100              | 16,400              | 16,000              | 15,600              | 70.0             |
| 75.0             | 37.9             | 60.5                  | 15,630              | 15,100              | 14,800              | 14,400              | 75.0             |
| 100 ft Boom      |                  |                       |                     |                     |                     |                     |                  |
| 19.0             | 81.5             | 104.6                 | 101,850 *           |                     |                     |                     | 19.0             |
| 20.0             | 80.9             | 104.4                 | 96,800              |                     |                     |                     | 20.0             |
| 22.0             | 79.8             | 104.0                 | 83,400              |                     |                     |                     | 22.0             |
| 24.0             | 78.6             | 103.6                 | 73,120              |                     |                     |                     | 24.0             |
| 26.0             | 77.4             | 103.2                 | 65,010              |                     |                     |                     | 26.0             |
| 28.0             | 76.3             | 102.7                 | 58,440              |                     |                     |                     | 28.0             |
| 30.0             | 75.1             | 102.2                 | 53,020              |                     |                     |                     | 30.0             |
| 32.0             | 73.9             | 101.6                 | 48,450              | 44,500              |                     |                     | 32.0             |
| 34.0             | 72.7             | 101.0                 | 44,550              | 41,100              |                     |                     | 34.0             |
| 36.0             | 71.5             | 100.4                 | 41,200              | 38,200              | 35,700              |                     | 36.0             |
| 38.0             | 70.3             | 99.6                  | 38,290              | 35,600              | 33,700              |                     | 38.0             |
| 40.0             | 69.0             | 98.9                  | 35,730              | 33,500              | 31,600              |                     | 40.0             |
| 45.0             | 65.9             | 96.8                  | 30,480              | 28,900              | 27,300              | 25,800              | 45.0             |
| 50.0             | 62.7             | 94.3                  | 26,470              | 25,100              | 24,000              | 22,800              | 50.0             |
| 55.0             | 59.5             | 91.5                  | 23,320              | 22,200              | 21,200              | 20,200              | 55.0             |
| 60.0             | 56.1             | 88.3                  | 20,740              | 19,800              | 19,100              | 18,200              | 60.0             |
| 65.0             | 52.5             | 84.7                  | 18,620              | 17,800              | 17,200              | 16,500              | 65.0             |
| 70.0             | 48.8             | 80.5                  | 16,860              | 16,200              | 15,600              | 15,000              | 70.0             |
| 75.0             | 44.8             | 75.8                  | 15,360              | 14,800              | 14,300              | 13,900              | 75.0             |
| 80.0             | 40.6             | 70.3                  | 14,080              | 13,600              | 13,100              | 12,900              | 80.0             |
| 85.0             | 35.9             | 63.8                  | 12,980              | 12,600              | 12,200              | 12,000              | 85.0             |



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| 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      |                  |                       |                     |                     |                     |                     |                  |
| 20.0             | 81.8             | 114.5                 | 92,590 *            |                     |                     |                     | 20.0             |
| 22.0             | 80.7             | 114.2                 | 83,260              |                     |                     |                     | 22.0             |
| 24.0             | 79.7             | 113.8                 | 73,010              |                     |                     |                     | 24.0             |
| 26.0             | 78.6             | 113.4                 | 64,900              |                     |                     |                     | 26.0             |
| 28.0             | 77.5             | 113.0                 | 58,330              |                     |                     |                     | 28.0             |
| 30.0             | 76.5             | 112.5                 | 52,880              |                     |                     |                     | 30.0             |
| 32.0             | 75.4             | 112.0                 | 48,320              |                     |                     |                     | 32.0             |
| 34.0             | 74.3             | 111.5                 | 44,440              | 40,600              |                     |                     | 34.0             |
| 36.0             | 73.2             | 110.9                 | 41,090              | 37,800              |                     |                     | 36.0             |
| 38.0             | 72.1             | 110.2                 | 38,160              | 35,300              |                     |                     | 38.0             |
| 40.0             | 71.0             | 109.5                 | 35,600              | 33,200              |                     |                     | 40.0             |
| 45.0             | 68.2             | 107.7                 | 30,350              | 28,500              |                     |                     | 45.0             |
| 50.0             | 65.4             | 105.5                 | 26,340              | 24,900              | 23,500              | 22,100              | 50.0             |
| 55.0             | 62.5             | 103.0                 | 23,170              | 21,900              | 20,800              | 19,900              | 55.0             |
| 60.0             | 59.5             | 100.2                 | 20,610              | 19,600              | 18,700              | 17,800              | 60.0             |
| 65.0             | 56.4             | 97.0                  | 18,490              | 17,700              | 16,900              | 16,100              | 65.0             |
| 70.0             | 53.2             | 93.4                  | 16,710              | 16,000              | 15,300              | 14,800              | 70.0             |
| 75.0             | 49.9             | 89.4                  | 15,210              | 14,500              | 13,900              | 13,500              | 75.0             |
| 80.0             | 46.4             | 84.9                  | 13,910              | 13,300              | 12,900              | 12,500              | 80.0             |
| 85.0             | 42.6             | 79.7                  | 12,800              | 12,300              | 11,900              | 11,600              | 85.0             |
| 90.0             | 38.6             | 73.8                  | 11,830              | 11,400              | 11,000              | 10,800              | 90.0             |
| 95.0             | 34.2             | 67.0                  | 10,970              | 10,600              | 10,300              | 10,100              | 95.0             |
| 120 ft Boom      |                  |                       |                     |                     |                     |                     |                  |
| 22.0             | 81.5             | 124.3                 | 80,680 *            |                     |                     |                     | 22.0             |
| 24.0             | 80.5             | 124.0                 | 72,950              |                     |                     |                     | 24.0             |
| 26.0             | 79.6             | 123.6                 | 64,810              |                     |                     |                     | 26.0             |
| 28.0             | 78.6             | 123.2                 | 58,240              |                     |                     |                     | 28.0             |
| 30.0             | 77.6             | 122.8                 | 52,800              |                     |                     |                     | 30.0             |
| 32.0             | 76.6             | 122.3                 | 48,230              |                     |                     |                     | 32.0             |
| 34.0             | 75.6             | 121.8                 | 44,330              |                     |                     |                     | 34.0             |
| 36.0             | 74.7             | 121.3                 | 40,980              | 37,600              |                     |                     | 36.0             |
| 38.0             | 73.7             | 120.7                 | 38,050              | 35,100              |                     |                     | 38.0             |
| 40.0             | 72.7             | 120.1                 | 35,470              | 33,000              |                     |                     | 40.0             |
| 45.0             | 70.1             | 118.4                 | 30,220              | 28,300              | 26,200              |                     | 45.0             |
| 50.0             | 67.6             | 116.4                 | 26,210              | 24,600              | 23,100              |                     | 50.0             |
| 55.0             | 65.0             | 114.2                 | 23,010              | 21,600              | 20,500              | 19,400              | 55.0             |
| 60.0             | 62.3             | 111.7                 | 20,450              | 19,300              | 18,300              | 17,400              | 60.0             |
| 65.0             | 59.5             | 108.9                 | 18,320              | 17,400              | 16,500              | 15,700              | 65.0             |
| 70.0             | 56.7             | 105.7                 | 16,530              | 15,700              | 14,900              | 14,400              | 70.0             |
| 75.0             | 53.8             | 102.2                 | 15,010              | 14,300              | 13,700              | 13,200              | 75.0             |
| 80.0             | 50.8             | 98.3                  | 13,710              | 13,000              | 12,700              | 12,100              | 80.0             |
| 85.0             | 47.6             | 93.9                  | 12,580              | 12,000              | 11,600              | 11,200              | 85.0             |
| 90.0             | 44.3             | 89.0                  | 11,590              | 11,100              | 10,700              | 10,400              | 90.0             |
| 95.0             | 40.7             | 83.5                  | 10,730              | 10,300              | 9,900               | 9,600               | 95.0             |
| 100.0            | 36.9             | 77.2                  | 9,960               | 9,500               | 9,300               | 8,900               | 100.0            |
| 105.0            | 32.7             | 69.9                  | 9,280               |                     | 8,700               | 8,500               | 105.0            |



## Liftcrane Boom Capacities

57,600 lb Crane Counterweight

14,300 lb Carbody Counterweight

Crawler Crane on a Barge

0 Degree through 3 Degree Crane List

Extended Position Crawlers

360 Degree Rating

### 8000-1

| 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      |                  |                       |                     |                     |                     |                     |                  |
| 24.0             | 81.3             | 134.1                 | 71,200 *            |                     |                     |                     | 24.0             |
| 26.0             | 80.4             | 133.8                 | 64,610              |                     |                     |                     | 26.0             |
| 28.0             | 79.5             | 133.4                 | 58,020              |                     |                     |                     | 28.0             |
| 30.0             | 78.6             | 133.0                 | 52,570              |                     |                     |                     | 30.0             |
| 32.0             | 77.7             | 132.6                 | 48,010              |                     |                     |                     | 32.0             |
| 34.0             | 76.8             | 132.1                 | 44,110              |                     |                     |                     | 34.0             |
| 36.0             | 75.9             | 131.6                 | 40,760              |                     |                     |                     | 36.0             |
| 38.0             | 74.9             | 131.1                 | 37,830              | 34,600              |                     |                     | 38.0             |
| 40.0             | 74.0             | 130.5                 | 35,250              | 32,500              |                     |                     | 40.0             |
| 45.0             | 71.7             | 129.0                 | 30,000              | 27,800              |                     |                     | 45.0             |
| 50.0             | 69.4             | 127.2                 | 25,970              | 24,200              | 22,600              |                     | 50.0             |
| 55.0             | 67.0             | 125.2                 | 22,790              | 21,300              | 20,100              |                     | 55.0             |
| 60.0             | 64.6             | 122.9                 | 20,210              | 19,000              | 17,900              | 16,800              | 60.0             |
| 65.0             | 62.1             | 120.3                 | 18,070              | 17,100              | 16,100              | 15,400              | 65.0             |
| 70.0             | 59.6             | 117.5                 | 16,290              | 15,400              | 14,600              | 14,000              | 70.0             |
| 75.0             | 57.0             | 114.4                 | 14,770              | 14,000              | 13,200              | 12,800              | 75.0             |
| 80.0             | 54.3             | 110.9                 | 13,470              | 12,800              | 12,100              | 11,700              | 80.0             |
| 85.0             | 51.5             | 107.1                 | 12,320              | 11,700              | 11,200              | 10,700              | 85.0             |
| 90.0             | 48.6             | 102.9                 | 11,330              | 10,700              | 10,400              | 10,000              | 90.0             |
| 95.0             | 45.6             | 98.2                  | 10,440              | 9,900               | 9,700               | 9,200               | 95.0             |
| 100.0            | 42.4             | 93.0                  | 9,670               | 9,200               | 8,900               | 8,600               | 100.0            |
| 105.0            | 39.0             | 87.1                  | 8,990               | 8,600               | 8,300               | 8,000               | 105.0            |
| 110.0            | 35.4             | 80.5                  | 8,390               | 8,000               | 7,800               | 7,500               | 110.0            |
| 140 ft Boom      |                  |                       |                     |                     |                     |                     |                  |
| 24.0             | 81.9             | 144.3                 | 61,720 *            |                     |                     |                     | 24.0             |
| 26.0             | 81.1             | 143.9                 | 60,840              |                     |                     |                     | 26.0             |
| 28.0             | 80.2             | 143.6                 | 57,980              |                     |                     |                     | 28.0             |
| 30.0             | 79.4             | 143.2                 | 52,530              |                     |                     |                     | 30.0             |
| 32.0             | 78.6             | 142.8                 | 47,950              |                     |                     |                     | 32.0             |
| 34.0             | 77.7             | 142.4                 | 44,040              |                     |                     |                     | 34.0             |
| 36.0             | 76.9             | 141.9                 | 40,670              |                     |                     |                     | 36.0             |
| 38.0             | 76.0             | 141.5                 | 37,740              |                     |                     |                     | 38.0             |
| 40.0             | 75.2             | 140.9                 | 35,160              |                     |                     |                     | 40.0             |
| 45.0             | 73.1             | 139.5                 | 29,910              |                     |                     |                     | 45.0             |
| 50.0             | 70.9             | 137.8                 | 25,880              | 24,100              | 22,300              |                     | 50.0             |
| 55.0             | 68.7             | 136.0                 | 22,680              | 21,200              | 19,700              |                     | 55.0             |
| 60.0             | 66.5             | 133.9                 | 20,100              | 18,800              | 17,700              | 15,700              | 60.0             |
| 65.0             | 64.3             | 131.6                 | 17,960              | 16,800              | 15,800              | 14,900              | 65.0             |
| 70.0             | 62.0             | 129.0                 | 16,150              | 15,100              | 14,400              | 13,600              | 70.0             |
| 75.0             | 59.6             | 126.2                 | 14,630              | 13,700              | 13,100              | 12,400              | 75.0             |
| 80.0             | 57.2             | 123.1                 | 13,310              | 12,500              | 12,000              | 11,400              | 80.0             |
| 85.0             | 54.7             | 119.7                 | 12,160              | 11,500              | 11,000              | 10,600              | 85.0             |
| 90.0             | 52.2             | 115.9                 | 11,170              | 10,600              | 10,100              | 9,700               | 90.0             |
| 95.0             | 49.5             | 111.8                 | 10,290              | 9,800               | 9,400               | 8,900               | 95.0             |
| 100.0            | 46.8             | 107.3                 | 9,500               | 9,000               | 8,700               | 8,300               | 100.0            |
| 105.0            | 43.9             | 102.3                 | 8,790               | 8,300               | 8,100               | 7,700               | 105.0            |
| 110.0            | 40.8             | 96.7                  | 8,170               | 7,700               | 7,500               | 7,200               | 110.0            |
| 115.0            | 37.6             | 90.5                  | 7,620               | 7,200               | 7,000               | 6,800               | 115.0            |
| 120.0            | 34.0             | 83.5                  | 7,120               | 6,700               | 6,500               | 6,400               | 120.0            |



# Liftcrane Boom Capacities

57,600 lb Crane Counterweight  
14,300 lb Carbody Counterweight  
Crawler Crane on a Barge  
0 Degree through 3 Degree Crane List  
Extended Position Crawlers  
360 Degree Rating

**8000-1**

| 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      |                  |                       |                     |                     |                     |                     |                  |
| 26.0             | 81.7             | 154.1                 | 52,680 *            |                     |                     |                     | 26.0             |
| 28.0             | 80.9             | 153.7                 | 51,800 *            |                     |                     |                     | 28.0             |
| 30.0             | 80.1             | 153.4                 | 51,140 *            |                     |                     |                     | 30.0             |
| 32.0             | 79.3             | 153.0                 | 47,810              |                     |                     |                     | 32.0             |
| 34.0             | 78.6             | 152.6                 | 43,890              |                     |                     |                     | 34.0             |
| 36.0             | 77.8             | 152.2                 | 40,540              |                     |                     |                     | 36.0             |
| 38.0             | 77.0             | 151.7                 | 37,610              |                     |                     |                     | 38.0             |
| 40.0             | 76.2             | 151.3                 | 35,030              |                     |                     |                     | 40.0             |
| 45.0             | 74.2             | 149.9                 | 29,760              |                     |                     |                     | 45.0             |
| 50.0             | 72.2             | 148.4                 | 25,720              | 23,700              |                     |                     | 50.0             |
| 55.0             | 70.2             | 146.7                 | 22,530              | 20,900              | 19,200              |                     | 55.0             |
| 60.0             | 68.2             | 144.7                 | 19,950              | 18,600              | 17,400              |                     | 60.0             |
| 65.0             | 66.1             | 142.6                 | 17,810              | 16,600              | 15,600              | 13,700              | 65.0             |
| 70.0             | 64.0             | 140.3                 | 16,000              | 15,000              | 14,100              | 13,100              | 70.0             |
| 75.0             | 61.8             | 137.7                 | 14,480              | 13,700              | 12,800              | 12,100              | 75.0             |
| 80.0             | 59.6             | 134.8                 | 13,160              | 12,300              | 11,700              | 11,100              | 80.0             |
| 85.0             | 57.4             | 131.7                 | 12,010              | 11,300              | 10,600              | 10,200              | 85.0             |
| 90.0             | 55.1             | 128.4                 | 11,000              | 10,400              | 9,800               | 9,400               | 90.0             |
| 95.0             | 52.7             | 124.7                 | 10,110              | 9,500               | 9,100               | 8,600               | 95.0             |
| 100.0            | 50.3             | 120.7                 | 9,320               | 8,700               | 8,400               | 8,000               | 100.0            |
| 105.0            | 47.7             | 116.3                 | 8,640               | 8,100               | 7,800               | 7,600               | 105.0            |
| 110.0            | 45.1             | 111.5                 | 8,000               | 7,500               | 7,200               | 7,000               | 110.0            |
| 115.0            | 42.3             | 106.2                 | 7,420               | 7,100               | 6,700               | 6,500               | 115.0            |
| 120.0            | 39.4             | 100.4                 | 6,920               | 6,600               | 6,300               | 6,100               | 120.0            |
| 125.0            | 36.2             | 93.9                  | 6,450               | 6,100               | 5,800               | 5,700               | 125.0            |
| 130.0            | 32.8             | 86.5                  | 6,040               |                     | 5,600               | 5,300               | 130.0            |



## Liftcrane Boom Capacities

57,600 lb Crane Counterweight

14,300 lb Carbody Counterweight

Crawler Crane on a Barge

0 Degree through 3 Degree Crane List

Extended Position Crawlers

360 Degree Rating

### 8000-1

| 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      |                  |                       |                     |                     |                     |                     |                  |
| 28.0             | 81.5             | 163.9                 | 44,090 *            |                     |                     |                     | 28.0             |
| 30.0             | 80.7             | 163.6                 | 43,430 *            |                     |                     |                     | 30.0             |
| 32.0             | 80.0             | 163.2                 | 42,760 *            |                     |                     |                     | 32.0             |
| 34.0             | 79.3             | 162.8                 | 42,100 *            |                     |                     |                     | 34.0             |
| 36.0             | 78.6             | 162.4                 | 40,520              |                     |                     |                     | 36.0             |
| 38.0             | 77.8             | 162.0                 | 37,560              |                     |                     |                     | 38.0             |
| 40.0             | 77.1             | 161.5                 | 34,980              |                     |                     |                     | 40.0             |
| 45.0             | 75.2             | 160.3                 | 29,710              |                     |                     |                     | 45.0             |
| 50.0             | 73.4             | 158.9                 | 25,680              |                     |                     |                     | 50.0             |
| 55.0             | 71.5             | 157.3                 | 22,480              | 20,800              |                     |                     | 55.0             |
| 60.0             | 69.6             | 155.5                 | 19,880              | 18,400              | 17,100              |                     | 60.0             |
| 65.0             | 67.7             | 153.5                 | 17,720              | 16,400              | 15,400              |                     | 65.0             |
| 70.0             | 65.7             | 151.3                 | 15,930              | 14,800              | 14,000              | 12,000              | 70.0             |
| 75.0             | 63.7             | 148.9                 | 14,390              | 13,400              | 12,700              | 11,600              | 75.0             |
| 80.0             | 61.7             | 146.3                 | 13,070              | 12,200              | 11,500              | 10,900              | 80.0             |
| 85.0             | 59.7             | 143.5                 | 11,920              | 11,100              | 10,500              | 9,900               | 85.0             |
| 90.0             | 57.6             | 140.4                 | 10,910              | 10,100              | 9,700               | 9,200               | 90.0             |
| 95.0             | 55.4             | 137.1                 | 10,000              | 9,300               | 8,800               | 8,500               | 95.0             |
| 100.0            | 53.2             | 133.4                 | 9,210               | 8,700               | 8,200               | 7,900               | 100.0            |
| 105.0            | 50.9             | 129.5                 | 8,500               | 8,000               | 7,500               | 7,200               | 105.0            |
| 110.0            | 48.6             | 125.2                 | 7,870               | 7,400               | 7,100               | 6,700               | 110.0            |
| 115.0            | 46.1             | 120.6                 | 7,290               | 6,800               | 6,500               | 6,300               | 115.0            |
| 120.0            | 43.6             | 115.5                 | 6,760               | 6,400               | 6,000               | 5,800               | 120.0            |
| 125.0            | 40.9             | 110.0                 | 6,280               | 6,000               | 5,600               | 5,400               | 125.0            |
| 130.0            | 38.1             | 103.9                 | 5,860               | 5,500               | 5,300               | 5,000               | 130.0            |
| 135.0            | 35.0             | 97.0                  | 5,440               | 5,100               | 5,000               | 4,600               | 135.0            |
| 140.0            | 31.8             | 89.4                  | 5,070               |                     | 4,500               | 4,400               | 140.0            |



# Liftcrane Boom Capacities

57,600 lb Crane Counterweight  
14,300 lb Carbody Counterweight  
Crawler Crane on a Barge  
0 Degree through 3 Degree Crane List  
Extended Position Crawlers  
360 Degree Rating

**8000-1**

| 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      |                  |                       |                     |                     |                     |                     |                  |
| 28.0             | 82.0             | 174.0                 | 38,800 *            |                     |                     |                     | 28.0             |
| 30.0             | 81.3             | 173.7                 | 38,130 *            |                     |                     |                     | 30.0             |
| 32.0             | 80.6             | 173.4                 | 37,470 *            |                     |                     |                     | 32.0             |
| 34.0             | 79.9             | 173.0                 | 37,030 *            |                     |                     |                     | 34.0             |
| 36.0             | 79.2             | 172.6                 | 36,370 *            |                     |                     |                     | 36.0             |
| 38.0             | 78.6             | 172.2                 | 35,710 *            |                     |                     |                     | 38.0             |
| 40.0             | 77.9             | 171.8                 | 34,780              |                     |                     |                     | 40.0             |
| 45.0             | 76.1             | 170.6                 | 29,510              |                     |                     |                     | 45.0             |
| 50.0             | 74.4             | 169.3                 | 25,460              |                     |                     |                     | 50.0             |
| 55.0             | 72.6             | 167.8                 | 22,260              | 20,500              |                     |                     | 55.0             |
| 60.0             | 70.8             | 166.1                 | 19,660              | 18,100              | 15,700              |                     | 60.0             |
| 65.0             | 69.1             | 164.3                 | 17,520              | 16,100              | 15,000              |                     | 65.0             |
| 70.0             | 67.2             | 162.2                 | 15,710              | 14,500              | 13,700              |                     | 70.0             |
| 75.0             | 65.4             | 160.0                 | 14,170              | 13,100              | 12,400              | 10,400              | 75.0             |
| 80.0             | 63.5             | 157.6                 | 12,850              | 11,900              | 11,200              | 10,200              | 80.0             |
| 85.0             | 61.6             | 155.0                 | 11,680              | 10,800              | 10,300              | 9,600               | 85.0             |
| 90.0             | 59.7             | 152.2                 | 10,670              | 9,900               | 9,400               | 8,900               | 90.0             |
| 95.0             | 57.7             | 149.1                 | 9,780               | 9,100               | 8,600               | 8,200               | 95.0             |
| 100.0            | 55.7             | 145.8                 | 8,990               | 8,400               | 7,900               | 7,600               | 100.0            |
| 105.0            | 53.6             | 142.2                 | 8,260               | 7,800               | 7,200               | 6,900               | 105.0            |
| 110.0            | 51.5             | 138.3                 | 7,620               | 7,100               | 6,800               | 6,400               | 110.0            |
| 115.0            | 49.3             | 134.2                 | 7,050               | 6,600               | 6,200               | 6,000               | 115.0            |
| 120.0            | 47.0             | 129.7                 | 6,520               | 6,100               | 5,700               | 5,600               | 120.0            |
| 125.0            | 44.7             | 124.8                 | 6,040               | 5,600               | 5,300               | 5,100               | 125.0            |
| 130.0            | 42.2             | 119.4                 | 5,570               | 5,200               | 4,900               | 4,700               | 130.0            |
| 135.0            | 39.6             | 113.6                 | 5,150               | 4,800               | 4,500               | 4,300               | 135.0            |
| 140.0            | 36.9             | 107.2                 | 4,760               | 4,400               | 4,200               | 3,900               | 140.0            |
| 145.0            | 34.0             | 100.1                 | 4,380               | 4,100               | 3,800               | 3,700               | 145.0            |
| 150.0            | 30.8             | 92.2                  | 4,050               |                     |                     | 3,500               | 150.0            |



## Liftcrane Boom Capacities

57,600 lb Crane Counterweight

14,300 lb Carbody Counterweight

Crawler Crane on a Barge

0 Degree through 3 Degree Crane List

Extended Position Crawlers

360 Degree Rating

### 8000-1

| 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      |                  |                       |                     |                     |                     |                     |                  |
| 30.0             | 81.8             | 183.8                 | 33,730 *            |                     |                     |                     | 30.0             |
| 32.0             | 81.1             | 183.5                 | 33,060 *            |                     |                     |                     | 32.0             |
| 34.0             | 80.5             | 183.2                 | 32,620 *            |                     |                     |                     | 34.0             |
| 36.0             | 79.8             | 182.8                 | 31,960 *            |                     |                     |                     | 36.0             |
| 38.0             | 79.2             | 182.4                 | 31,520 *            |                     |                     |                     | 38.0             |
| 40.0             | 78.5             | 182.0                 | 31,080 *            |                     |                     |                     | 40.0             |
| 45.0             | 76.9             | 180.9                 | 29,250              |                     |                     |                     | 45.0             |
| 50.0             | 75.3             | 179.7                 | 25,220              |                     |                     |                     | 50.0             |
| 55.0             | 73.6             | 178.3                 | 22,000              |                     |                     |                     | 55.0             |
| 60.0             | 72.0             | 176.7                 | 19,400              | 17,800              |                     |                     | 60.0             |
| 65.0             | 70.3             | 175.0                 | 17,260              | 15,900              | 13,700              |                     | 65.0             |
| 70.0             | 68.6             | 173.1                 | 15,450              | 14,300              | 13,100              |                     | 70.0             |
| 75.0             | 66.8             | 171.0                 | 13,910              | 12,800              | 11,900              | 9,300               | 75.0             |
| 80.0             | 65.1             | 168.7                 | 12,560              | 11,700              | 10,800              | 9,000               | 80.0             |
| 85.0             | 63.3             | 166.3                 | 11,410              | 10,600              | 10,000              | 8,800               | 85.0             |
| 90.0             | 61.5             | 163.7                 | 10,400              | 9,600               | 9,100               | 8,500               | 90.0             |
| 95.0             | 59.7             | 160.8                 | 9,500               | 8,800               | 8,300               | 7,800               | 95.0             |
| 100.0            | 57.8             | 157.8                 | 8,700               | 8,100               | 7,600               | 7,200               | 100.0            |
| 105.0            | 55.9             | 154.5                 | 8,000               | 7,300               | 7,000               | 6,600               | 105.0            |
| 110.0            | 54.0             | 150.9                 | 7,340               | 6,800               | 6,400               | 6,100               | 110.0            |
| 115.0            | 52.0             | 147.1                 | 6,760               | 6,200               | 5,900               | 5,600               | 115.0            |
| 120.0            | 49.9             | 143.0                 | 6,230               | 5,700               | 5,500               | 5,100               | 120.0            |
| 125.0            | 47.8             | 138.6                 | 5,700               | 5,300               | 4,800               | 4,600               | 125.0            |
| 130.0            | 45.6             | 133.9                 | 5,220               | 4,800               | 4,600               | 4,200               | 130.0            |
| 135.0            | 43.3             | 128.8                 | 4,780               | 4,400               | 4,200               | 3,900               | 135.0            |
| 140.0            | 40.9             | 123.2                 | 4,380               | 4,000               | 3,800               | 3,600               | 140.0            |
| 145.0            | 38.4             | 117.1                 | 4,030               | 3,600               | 3,500               | 3,200               | 145.0            |
| 150.0            | 35.8             | 110.5                 | 3,680               | 3,400               | 3,200               | 3,000               | 150.0            |
| 155.0            | 33.0             | 103.1                 | 3,370               | 3,100               | 2,900               | 2,800               | 155.0            |



# Liftcrane Boom Capacities

57,600 lb Crane Counterweight  
14,300 lb Carbody Counterweight  
Crawler Crane on a Barge  
0 Degree through 3 Degree Crane List  
Extended Position Crawlers  
360 Degree Rating

**8000-1**

| 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      |                  |                       |                     |                     |                     |                     |                  |
| 32.0             | 81.6             | 193.6                 | 29,540 *            |                     |                     |                     | 32.0             |
| 34.0             | 81.0             | 193.3                 | 28,880 *            |                     |                     |                     | 34.0             |
| 36.0             | 80.4             | 193.0                 | 28,430 *            |                     |                     |                     | 36.0             |
| 38.0             | 79.8             | 192.6                 | 27,990 *            |                     |                     |                     | 38.0             |
| 40.0             | 79.2             | 192.2                 | 27,550 *            |                     |                     |                     | 40.0             |
| 45.0             | 77.6             | 191.2                 | 26,450 *            |                     |                     |                     | 45.0             |
| 50.0             | 76.1             | 190.0                 | 25,300              |                     |                     |                     | 50.0             |
| 55.0             | 74.5             | 188.7                 | 22,110              |                     |                     |                     | 55.0             |
| 60.0             | 72.9             | 187.2                 | 19,510              | 16,800              |                     |                     | 60.0             |
| 65.0             | 71.3             | 185.6                 | 17,350              | 15,600              |                     |                     | 65.0             |
| 70.0             | 69.7             | 183.8                 | 15,540              | 14,200              | 11,700              |                     | 70.0             |
| 75.0             | 68.1             | 181.8                 | 13,990              | 12,800              | 11,100              | 8,100               | 75.0             |
| 80.0             | 66.5             | 179.7                 | 12,650              | 11,600              | 10,600              | 7,900               | 80.0             |
| 85.0             | 64.8             | 177.4                 | 11,500              | 10,700              | 9,900               | 7,700               | 85.0             |
| 90.0             | 63.2             | 175.0                 | 10,470              | 9,600               | 9,000               | 7,300               | 90.0             |
| 95.0             | 61.4             | 172.3                 | 9,560               | 8,800               | 8,200               | 6,900               | 95.0             |
| 100.0            | 59.7             | 169.5                 | 8,770               | 8,200               | 7,600               | 6,600               | 100.0            |
| 105.0            | 57.9             | 166.4                 | 8,040               | 7,500               | 7,000               | 6,300               | 105.0            |
| 110.0            | 56.1             | 163.2                 | 7,400               | 6,900               | 6,500               | 5,800               | 110.0            |
| 115.0            | 54.3             | 159.7                 | 6,810               | 6,300               | 5,900               | 5,400               | 115.0            |
| 120.0            | 52.4             | 155.9                 | 6,280               | 5,800               | 5,400               | 5,000               | 120.0            |
| 125.0            | 50.5             | 151.9                 | 5,750               | 5,200               | 5,000               | 4,600               | 125.0            |
| 130.0            | 48.5             | 147.6                 | 5,260               | 4,800               | 4,600               | 4,200               | 130.0            |
| 135.0            | 46.4             | 143.0                 | 4,800               | 4,400               | 4,200               | 3,800               | 135.0            |
| 140.0            | 44.3             | 138.0                 | 4,400               | 3,900               | 3,700               | 3,500               | 140.0            |
| 145.0            | 42.1             | 132.7                 | 4,010               | 3,600               | 3,500               | 3,200               | 145.0            |
| 150.0            | 39.8             | 126.9                 | 3,680               | 3,300               | 3,100               | 2,900               | 150.0            |
| 155.0            | 37.4             | 120.6                 | 3,350               | 3,000               | 2,900               | 2,600               | 155.0            |
| 160.0            | 34.8             | 113.6                 | 3,040               | 2,700               | 2,600               |                     | 160.0            |
| 165.0            | 32.0             | 106.0                 | 2,770               | 2,500               |                     |                     | 165.0            |



## Liftcrane Boom Capacities

57,600 lb Crane Counterweight

14,300 lb Carbody Counterweight

Crawler Crane on a Barge

0 Degree through 3 Degree Crane List

Extended Position Crawlers

360 Degree Rating

### 8000-1

| 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      |                  |                       |                     |                     |                     |                     |                  |
| 34.0             | 81.4             | 203.4                 | 25,790 *            |                     |                     |                     | 34.0             |
| 36.0             | 80.9             | 203.1                 | 25,350 *            |                     |                     |                     | 36.0             |
| 38.0             | 80.3             | 202.8                 | 24,910 *            |                     |                     |                     | 38.0             |
| 40.0             | 79.7             | 202.4                 | 24,470 *            |                     |                     |                     | 40.0             |
| 45.0             | 78.2             | 201.4                 | 23,360 *            |                     |                     |                     | 45.0             |
| 50.0             | 76.8             | 200.3                 | 22,480 *            |                     |                     |                     | 50.0             |
| 55.0             | 75.3             | 199.0                 | 21,380 *            |                     |                     |                     | 55.0             |
| 60.0             | 73.8             | 197.6                 | 19,310              |                     |                     |                     | 60.0             |
| 65.0             | 72.3             | 196.1                 | 17,150              | 14,100              |                     |                     | 65.0             |
| 70.0             | 70.8             | 194.4                 | 15,320              | 13,200              | 10,200              |                     | 70.0             |
| 75.0             | 69.3             | 192.6                 | 13,770              | 12,400              | 9,600               |                     | 75.0             |
| 80.0             | 67.7             | 190.6                 | 12,430              | 11,300              | 9,100               | 6,800               | 80.0             |
| 85.0             | 66.2             | 188.4                 | 11,260              | 10,400              | 8,600               | 6,600               | 85.0             |
| 90.0             | 64.6             | 186.1                 | 10,250              | 9,400               | 8,100               | 6,200               | 90.0             |
| 95.0             | 63.0             | 183.6                 | 9,340               | 8,600               | 7,600               | 5,900               | 95.0             |
| 100.0            | 61.4             | 181.0                 | 8,530               | 7,900               | 7,100               | 5,500               | 100.0            |
| 105.0            | 59.7             | 178.1                 | 7,820               | 7,300               | 6,600               | 5,100               | 105.0            |
| 110.0            | 58.1             | 175.1                 | 7,160               | 6,600               | 6,000               | 4,900               | 110.0            |
| 115.0            | 56.3             | 171.9                 | 6,560               | 6,000               | 5,600               | 4,500               | 115.0            |
| 120.0            | 54.6             | 168.4                 | 5,970               | 5,400               | 5,000               | 4,200               | 120.0            |
| 125.0            | 52.8             | 164.7                 | 5,440               | 5,000               | 4,500               | 3,800               | 125.0            |
| 130.0            | 51.0             | 160.7                 | 4,960               | 4,600               | 4,100               | 3,600               | 130.0            |
| 135.0            | 49.1             | 156.5                 | 4,510               | 4,100               | 3,700               | 3,200               | 135.0            |
| 140.0            | 47.2             | 152.0                 | 4,100               | 3,700               | 3,400               | 2,900               | 140.0            |
| 145.0            | 45.2             | 147.2                 | 3,700               | 3,300               | 3,000               | 2,600               | 145.0            |
| 150.0            | 43.1             | 142.0                 | 3,350               | 2,900               | 2,800               |                     | 150.0            |
| 155.0            | 41.0             | 136.4                 | 3,040               | 2,700               |                     |                     | 155.0            |