



Liftcrane Boom Capacities

26,630 LB. Crane Counterweight
14,700 LB. Carbody Counterweight (S/N 10001001 thru 10001037)
16,100 LB. Carbody Counterweight (S/N 10001038 and greater)
Crawler Retracted
Travel with Load Not Permitted
360 Degree Rating

**Meets
ANSI B30.5
Requirements**

10000 SERIES 2

LIFTING CAPACITIES:

- Rated loads included in the charts are the maximum allowable freely suspended loads at a given boom length, boom angle and load radius, and have been determined for the machine standing level on firm supporting surface under ideal operating conditions. The user must limit or de-rate rated loads to allow for adverse conditions (such as soft or uneven ground, out-of-level conditions, wind, side loads, pendulum action, jerking or sudden stopping of loads, inexperience of personnel, and multiple machine lifts).
- Capacities do not exceed 75% of minimum tipping loads. Capacities based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.
- Attempting to lift more than rated loads may cause machine to tip or collapse. Do not tip machine to determine capacity.
- Do not attempt to lift where no radius on load chart is listed as crane may tip or collapse.
- Weight of hooks, hook blocks, slings and other lifting devices beneath boom point sheaves are part of the total load. Their total weight must be subtracted from the rated load to obtain the weight that can be lifted.
- Load radius is horizontal distance from axis of rotation to center of gravity of the freely suspended load. Boom angle is angle between horizontal and centerline of boom butt and inserts, and is an indication of radius. In all cases, operating radius shall govern capacity.
- Least stable position is over the side.
- Boom point elevation is vertical distance from ground level to centerline of boom point shaft.
- Auxiliary sheave (upper boom point) capacity for liftcrane service with single part line is 24,000 lbs. In all cases, auxiliary sheave (upper boom point) capacities cannot exceed those listed for Liftcrane Boom capacity reduced by 420 lbs.
- When lifting over boom point with jib or auxiliary sheave, rated loads for the boom must be reduced as shown below.

| | | | | | |
|--------------|------|----------------|--------|--------|--------|
| Jib length | Aux. | 30 ft. | 40 ft. | 50 ft. | 60 ft. |
| Deduct (lbs) | 420 | Not applicable | | | |

- 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.
- Travel with load (pick and carry) is not permitted.
- Jib installation is prohibited.

OPERATING CONDITION:

- The machine must be reeved and set-up as stated in the Operators 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.
 - The crane must be leveled to within 1% on a firm supporting surface.
 - Refer to operators manual for operating guidelines.

| Maximum Boom Lengths Lifted Unassisted | |
|--|--|
| Over End of Crawlers | |
| 140 ft. | |
| Load block, hook and weight ball on ground at start. | |

- 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 lbs. 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 lbs. Front Drum: 771 feet, Rear Drum: 525 feet.
- Boom hoist wire rope: 492 feet, 5/8 inch, 6 x 31, WS, IWRC O/O, Minimum breaking strength: 47,200 lbs.
- For Serial Numbers 10001001 thru 10001037:** Machine equipped with 20 ft. 8 in. crawlers, 36 in. treads, 12 parts of boom hoist reeving, 26,630 lbs. crane counterweight and two 7,350 lbs. carbody counterweight

For all other Serial Numbers: Machine equipped with 20 ft. 8 in. crawlers, 36 in. treads, 12 parts of boom hoist reeving, 26,630 lbs. crane counterweight and two 8,050 lbs. carbody counterweight.

Hoist Reeving for Main Boom Loads

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

| | | | |
|----------------------|---------|---------|---------|
| No. of Parts of Line | 4 | 5 | 6 |
| Maximum Loads (lbs) | 100,000 | 125,000 | 150,000 |

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



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10000 SERIES 2

| Load Radius (ft) | Boom Angle (deg) | Boom Point Elev. (ft) | 360° Rated Load (lbs) |
|--------------------|------------------|-----------------------|-----------------------|
| 40 Ft. Boom | | | |
| 10.0 | 81.9 | 45.3 | 133,370 |
| 11.0 | 80.5 | 45.1 | 112,650 |
| 12.0 | 79.0 | 44.9 | 97,000 |
| 13.0 | 77.5 | 44.7 | 85,090 |
| 14.0 | 76.1 | 44.4 | 75,830 |
| 15.0 | 74.6 | 44.2 | 68,340 |
| 16.0 | 73.1 | 43.8 | 61,940 |
| 17.0 | 71.5 | 43.5 | 56,870 |
| 18.0 | 70.0 | 43.1 | 52,240 |
| 19.0 | 68.5 | 42.7 | 48,500 |
| 20.0 | 66.9 | 42.3 | 45,190 |
| 22.0 | 63.7 | 41.3 | 39,680 |
| 24.0 | 60.5 | 40.2 | 35,270 |
| 26.0 | 57.1 | 39.0 | 31,740 |
| 28.0 | 53.5 | 37.5 | 28,880 |
| 30.0 | 49.8 | 35.9 | 26,450 |
| 32.0 | 45.9 | 34.0 | 24,250 |
| 34.0 | 41.7 | 31.8 | 22,480 |
| 36.0 | 37.0 | 29.3 | 20,940 |
| 38.0 | 31.8 | 26.2 | 19,620 |
| 40.0 | 25.7 | 22.4 | 18,290 |
| 50 Ft. Boom | | | |
| 12.0 | 81.2 | 55.1 | 96,780 |
| 13.0 | 80.1 | 54.9 | 84,870 |
| 14.0 | 78.9 | 54.7 | 75,610 |
| 15.0 | 77.7 | 54.5 | 67,900 |
| 16.0 | 76.5 | 54.3 | 61,720 |
| 17.0 | 75.4 | 54.0 | 56,430 |
| 18.0 | 74.2 | 53.7 | 52,020 |
| 19.0 | 73.0 | 53.4 | 48,280 |
| 20.0 | 71.7 | 53.1 | 44,970 |
| 22.0 | 69.3 | 52.3 | 39,460 |
| 24.0 | 66.8 | 51.5 | 35,050 |
| 26.0 | 64.3 | 50.5 | 31,520 |
| 28.0 | 61.7 | 49.5 | 28,430 |
| 30.0 | 59.0 | 48.3 | 26,010 |
| 32.0 | 56.3 | 47.0 | 23,800 |
| 34.0 | 53.5 | 45.5 | 22,040 |
| 36.0 | 50.5 | 43.9 | 20,500 |
| 38.0 | 47.4 | 42.1 | 19,180 |
| 40.0 | 44.2 | 40.1 | 17,850 |
| 45.0 | 35.0 | 33.9 | 15,430 |
| 50.0 | 22.8 | 24.5 | 13,440 |

| Load Radius (ft) | Boom Angle (deg) | Boom Point Elev. (ft) | 360° Rated Load (lbs) |
|--------------------|------------------|-----------------------|-----------------------|
| 60 Ft. Boom | | | |
| 13.0 | 81.7 | 65.1 | 84,650 |
| 14.0 | 80.8 | 64.9 | 75,170 |
| 15.0 | 79.8 | 64.7 | 67,680 |
| 16.0 | 78.8 | 64.5 | 61,500 |
| 17.0 | 77.8 | 64.3 | 56,210 |
| 18.0 | 76.9 | 64.1 | 51,800 |
| 19.0 | 75.9 | 63.8 | 47,830 |
| 20.0 | 74.9 | 63.5 | 44,530 |
| 22.0 | 72.9 | 62.9 | 39,020 |
| 24.0 | 70.9 | 62.2 | 34,610 |
| 26.0 | 68.8 | 61.5 | 31,080 |
| 28.0 | 66.8 | 60.6 | 28,210 |
| 30.0 | 64.6 | 59.7 | 25,570 |
| 32.0 | 62.5 | 58.7 | 23,580 |
| 34.0 | 60.3 | 57.5 | 21,820 |
| 36.0 | 58.1 | 56.3 | 20,060 |
| 38.0 | 55.8 | 55.0 | 18,730 |
| 40.0 | 53.4 | 53.5 | 17,410 |
| 45.0 | 47.1 | 49.3 | 14,990 |
| 50.0 | 40.1 | 43.9 | 13,000 |
| 55.0 | 31.8 | 36.8 | 11,460 |
| 60.0 | 20.7 | 26.3 | 10,140 |
| 70 Ft. Boom | | | |
| 15.0 | 81.3 | 74.9 | 67,680 |
| 16.0 | 80.4 | 74.7 | 61,280 |
| 17.0 | 79.6 | 74.5 | 56,210 |
| 18.0 | 78.8 | 74.3 | 51,580 |
| 19.0 | 77.9 | 74.1 | 47,830 |
| 20.0 | 77.1 | 73.9 | 44,530 |
| 22.0 | 75.4 | 73.4 | 39,020 |
| 24.0 | 73.7 | 72.8 | 34,610 |
| 26.0 | 72.0 | 72.1 | 31,080 |
| 28.0 | 70.2 | 71.4 | 27,990 |
| 30.0 | 68.5 | 70.6 | 25,570 |
| 32.0 | 66.7 | 69.8 | 23,360 |
| 34.0 | 64.9 | 68.9 | 21,600 |
| 36.0 | 63.1 | 67.9 | 20,060 |
| 38.0 | 61.2 | 66.8 | 18,510 |
| 40.0 | 59.3 | 65.6 | 17,410 |
| 45.0 | 54.4 | 62.3 | 14,770 |
| 50.0 | 49.1 | 58.2 | 12,780 |
| 55.0 | 43.4 | 53.3 | 11,240 |
| 60.0 | 37.0 | 47.3 | 9,920 |
| 65.0 | 29.4 | 39.4 | 8,810 |

| Load Radius (ft) | Boom Angle (deg) | Boom Point Elev. (ft) | 360° Rated Load (lbs) |
|--------------------|------------------|-----------------------|-----------------------|
| 80 Ft. Boom | | | |
| 16.0 | 81.6 | 84.8 | 61,060 |
| 17.0 | 80.9 | 84.7 | 55,770 |
| 18.0 | 80.2 | 84.5 | 51,360 |
| 19.0 | 79.5 | 84.3 | 47,610 |
| 20.0 | 78.7 | 84.1 | 44,310 |
| 22.0 | 77.3 | 83.7 | 38,580 |
| 24.0 | 75.8 | 83.2 | 34,170 |
| 26.0 | 74.3 | 82.6 | 30,640 |
| 28.0 | 72.8 | 82.0 | 27,770 |
| 30.0 | 71.3 | 81.3 | 25,350 |
| 32.0 | 69.8 | 80.6 | 23,140 |
| 34.0 | 68.2 | 79.8 | 21,380 |
| 36.0 | 66.7 | 79.0 | 19,620 |
| 38.0 | 65.1 | 78.0 | 18,290 |
| 40.0 | 63.5 | 77.1 | 16,970 |
| 45.0 | 59.4 | 74.3 | 14,550 |
| 50.0 | 55.1 | 71.0 | 12,560 |
| 55.0 | 50.6 | 67.1 | 10,800 |
| 60.0 | 45.7 | 62.6 | 9,470 |
| 65.0 | 40.4 | 57.1 | 8,590 |
| 70.0 | 34.5 | 50.4 | 7,710 |
| 75.0 | 27.4 | 41.9 | 6,830 |
| 90 Ft. Boom | | | |
| 17.0 | 81.9 | 94.8 | 55,770 |
| 18.0 | 81.3 | 94.7 | 51,360 |
| 19.0 | 80.6 | 94.5 | 47,390 |
| 20.0 | 80.0 | 94.3 | 44,090 |
| 22.0 | 78.7 | 93.9 | 38,580 |
| 24.0 | 77.4 | 93.5 | 34,170 |
| 26.0 | 76.1 | 93.0 | 30,640 |
| 28.0 | 74.8 | 92.4 | 27,550 |
| 30.0 | 73.4 | 91.9 | 25,130 |
| 32.0 | 72.1 | 91.2 | 22,920 |
| 34.0 | 70.8 | 90.5 | 21,160 |
| 36.0 | 69.4 | 89.8 | 19,620 |
| 38.0 | 68.0 | 89.0 | 18,070 |
| 40.0 | 66.6 | 88.1 | 16,970 |
| 45.0 | 63.1 | 85.7 | 14,320 |
| 50.0 | 59.5 | 82.9 | 12,340 |
| 55.0 | 55.7 | 79.7 | 10,580 |
| 60.0 | 51.7 | 76.0 | 9,470 |
| 65.0 | 47.5 | 71.6 | 8,370 |
| 70.0 | 43.0 | 66.6 | 7,490 |
| 75.0 | 38.0 | 60.6 | 6,610 |
| 80.0 | 32.4 | 53.4 | 5,950 |
| 85.0 | 25.8 | 44.2 | 5,510 |



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| Load Radius (ft) | Boom Angle (deg) | Boom Point Elev. (ft) | 360° Rated Load (lbs) |
|---------------------|------------------|-----------------------|-----------------------|
| 100 Ft. Boom | | | |
| 19.0 | 81.6 | 104.6 | 47,170 |
| 20.0 | 81.0 | 104.5 | 43,870 |
| 22.0 | 79.8 | 104.1 | 38,130 |
| 24.0 | 78.7 | 103.7 | 33,730 |
| 26.0 | 77.5 | 103.3 | 30,200 |
| 28.0 | 76.3 | 102.8 | 27,330 |
| 30.0 | 75.1 | 102.3 | 24,690 |
| 32.0 | 73.9 | 101.7 | 22,700 |
| 34.0 | 72.7 | 101.1 | 2,0720 |
| 36.0 | 71.5 | 100.4 | 19,180 |
| 38.0 | 70.3 | 99.7 | 17,850 |
| 40.0 | 69.1 | 99.0 | 16,530 |
| 45.0 | 66.0 | 96.8 | 13,880 |
| 50.0 | 62.8 | 94.4 | 11,900 |
| 55.0 | 59.5 | 91.6 | 10,360 |
| 60.0 | 56.1 | 88.4 | 9,030 |
| 65.0 | 52.6 | 84.7 | 7,930 |
| 70.0 | 48.8 | 80.6 | 7,050 |
| 75.0 | 44.9 | 75.8 | 6,170 |
| 80.0 | 40.6 | 70.3 | 5,510 |
| 85.0 | 36.0 | 63.9 | 5,070 |
| 90.0 | 30.7 | 56.2 | 4,620 |
| 95.0 | 24.4 | 46.4 | 4,180 |
| 110 Ft. Boom | | | |
| 20.0 | 81.8 | 114.6 | 43,870 |
| 22.0 | 80.8 | 114.3 | 38,130 |
| 24.0 | 79.7 | 113.9 | 33,730 |
| 26.0 | 78.7 | 113.5 | 30,200 |
| 28.0 | 77.6 | 113.1 | 27,330 |
| 30.0 | 76.5 | 112.6 | 24,690 |
| 32.0 | 75.4 | 112.1 | 22,700 |
| 34.0 | 74.4 | 111.5 | 20,720 |
| 36.0 | 73.3 | 110.9 | 19,180 |
| 38.0 | 72.2 | 110.3 | 17,850 |
| 40.0 | 71.1 | 109.6 | 16,530 |
| 45.0 | 68.3 | 107.7 | 13,880 |
| 50.0 | 65.5 | 105.5 | 11,900 |
| 55.0 | 62.6 | 103.1 | 10,360 |
| 60.0 | 59.6 | 100.3 | 9,030 |

| Load Radius (ft) | Boom Angle (deg) | Boom Point Elev. (ft) | 360° Rated Load (lbs) |
|---------------------|------------------|-----------------------|-----------------------|
| 110 Ft. Boom | | | |
| 65.0 | 56.5 | 97.1 | 7,930 |
| 70.0 | 53.3 | 93.5 | 7,050 |
| 75.0 | 49.9 | 89.5 | 6,170 |
| 80.0 | 46.4 | 85.0 | 5,510 |
| 85.0 | 42.7 | 79.8 | 4,850 |
| 90.0 | 38.6 | 73.9 | 4,400 |
| 95.0 | 34.2 | 67.0 | 3,960 |
| 100.0 | 29.2 | 58.8 | 3,520 |
| 105.0 | 23.2 | 48.5 | 3,300 |
| 120 Ft. Boom | | | |
| 22.0 | 81.6 | 124.4 | 37,910 |
| 24.0 | 80.6 | 124.1 | 33,500 |
| 26.0 | 79.6 | 123.7 | 29,980 |
| 28.0 | 78.6 | 123.3 | 26,890 |
| 30.0 | 77.7 | 122.9 | 24,470 |
| 32.0 | 76.7 | 122.4 | 22,260 |
| 34.0 | 75.7 | 121.9 | 20,500 |
| 36.0 | 74.7 | 121.4 | 18,950 |
| 38.0 | 73.7 | 120.8 | 17,410 |
| 40.0 | 72.7 | 120.2 | 16,310 |
| 45.0 | 70.2 | 118.4 | 13,660 |
| 50.0 | 67.6 | 116.5 | 11,680 |
| 55.0 | 65.0 | 114.2 | 9,920 |
| 60.0 | 62.3 | 111.7 | 8,590 |
| 65.0 | 59.6 | 108.9 | 7,490 |
| 70.0 | 56.8 | 105.8 | 6,610 |
| 75.0 | 53.9 | 102.3 | 5,950 |
| 80.0 | 50.8 | 98.4 | 5,290 |
| 85.0 | 47.7 | 94.0 | 4,620 |
| 90.0 | 44.3 | 89.1 | 4,180 |
| 95.0 | 40.8 | 83.6 | 3,520 |
| 100.0 | 36.9 | 77.3 | 3,080 |
| 130 Ft. Boom | | | |
| 24.0 | 81.3 | 134.2 | 33,500 |
| 26.0 | 80.4 | 133.9 | 29,980 |
| 28.0 | 79.5 | 133.5 | 26,890 |
| 30.0 | 78.6 | 133.1 | 24,470 |
| 32.0 | 77.7 | 132.7 | 22,260 |
| 34.0 | 76.8 | 132.2 | 20,500 |
| 36.0 | 75.9 | 131.7 | 18,730 |
| 38.0 | 75.0 | 131.2 | 17,410 |
| 40.0 | 74.1 | 130.6 | 16,090 |
| 45.0 | 71.8 | 129.0 | 13,660 |

| Load Radius (ft) | Boom Angle (deg) | Boom Point Elev. (ft) | 360° Rated Load (lbs) |
|---------------------|------------------|-----------------------|-----------------------|
| 130 Ft. Boom | | | |
| 50.0 | 69.4 | 127.3 | 11,460 |
| 55.0 | 67.1 | 125.2 | 9,920 |
| 60.0 | 64.6 | 122.9 | 8,590 |
| 65.0 | 62.2 | 120.4 | 7,490 |
| 70.0 | 59.6 | 117.6 | 6,610 |
| 75.0 | 57.0 | 114.5 | 5,730 |
| 80.0 | 54.4 | 111.0 | 5,070 |
| 85.0 | 51.6 | 107.2 | 4,400 |
| 90.0 | 48.7 | 103.0 | 3,960 |
| 95.0 | 45.7 | 98.3 | 3,300 |
| 140 Ft. Boom | | | |
| 24.0 | 81.9 | 144.3 | 33,280 |
| 26.0 | 81.1 | 144.0 | 29,540 |
| 28.0 | 80.3 | 143.7 | 26,670 |
| 30.0 | 79.4 | 143.3 | 24,250 |
| 32.0 | 78.6 | 142.9 | 22,040 |
| 34.0 | 77.8 | 142.5 | 20,060 |
| 36.0 | 76.9 | 142.0 | 18,510 |
| 38.0 | 76.1 | 141.5 | 17,190 |
| 40.0 | 75.2 | 141.0 | 15,870 |
| 45.0 | 73.1 | 139.6 | 13,220 |
| 50.0 | 71.0 | 137.9 | 11,240 |
| 55.0 | 68.8 | 136.0 | 9,700 |
| 60.0 | 66.6 | 134.0 | 8,370 |
| 65.0 | 64.3 | 131.6 | 7,270 |
| 70.0 | 62.0 | 129.1 | 6,170 |
| 75.0 | 59.7 | 126.2 | 5,510 |
| 80.0 | 57.2 | 123.1 | 4,850 |
| 85.0 | 54.8 | 119.7 | 4,180 |
| 90.0 | 52.2 | 116.0 | 3,520 |