LIFTING CHARTS - Crawler Cranes

KOBELCO MODEL CK1000-III - 100 TON CAPACITY

Main Boom Rated Loads in Pounds Supplemental Data

Counterweight: 63,490 lbs (28,790 kg) Carbody weight: 16,100 lbs (7,300 kg)

- 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, multiple machine lifts, and traveling with a load).
- Rated loads do not exceed 75% of minimum tipping loads. Rated loads based on factors other than machine stability such as structural competence are shown by asterisk * in the charts.
- The machine must be reeved and set-up as stated in the operation manual and all the instruction manuals if these manuals are missing, obtain replacements.
 - 1) The crane must be leveled to within 1% on a firm supporting surface.
 - 2) Boom backstops are required for all boom lengths.
 - 3) Gantry must be fully raised position for all operations.
 - Crawlers must be fully extended and be locked in position.
 - 5) Counterweight: 63,490 lbs.
 - 6) Carbody weight: 16,100 lbs
- 4. Do not attempt to lift where no radius on load is listed as crane may tip or collapse.
- Attempting to lift more than rated loads may cause machine to tip or collapse. Do not tip machine to determine rated loads.
- Weight of hooks, hook blocks, slings and other lifting devices are a part of the total load. Their total weight must be subtracted from the rated load to obtain the weight that can be lifted.
- 7. When lifting over boom point with jib or auxiliary sheave, rated loads for the boom must be deducted as shown below.

| Jib Length | Aux Sheave | 30 ft | 40 ft | 50 ft | 60 ft |
|--------------|------------|-------|-------|-------|-------|
| Deduct (lbs) | 420 | 2,400 | 3,200 | 4,200 | 5,200 |

The total load that can be lifted by the jib is limited by rated jib loads.

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- 9. Boom lengths for jib mounting are 80 ft (24.4 m) to 190 ft (57.9 m).
- 10. The total load that can be lifted by the auxiliary sheave is: the rated load for the boom (without auxiliary sheave installed) minus 420 lbs; however, the auxiliary sheave rated load should not exceed 24,000 lbs.
- 11. Permissible boom lengths for installing auxiliary sheave are from 40 ft (12.2 m) to 190 ft (57.9 m).
- 12. The boom should be erected over the front of the crawlers, not laterally.
- 13. Least stable position is over the side.
- 14. Maximum hoist load for number of reeving parts of line for hoist rope.

Maximum Load for Main Boom

| No. of Parts of line | 1 | 2 | 3 | 4 | 5 |
|----------------------|--------|--------|--------|---------|---------|
| Maximum Loads (lbs) | 25,000 | 50,000 | 75,000 | 100,000 | 125,000 |

| No. of Parts of line | 6 | 7 | 8 |
|----------------------|---------|---------|---------|
| Maximum Loads (lbs) | 150,000 | 175,000 | 200,000 |

Maximum Load for Fixed Jib

| No. of Parts of line | 1 |
|----------------------|--------|
| Maximum Loads (lbs) | 24,000 |

Maximum Load for Auxiliary Sheave

| No. of Parts of line | 1 |
|----------------------|--------|
| Maximum Loads (lbs) | 24,000 |

- 15. Rated loads listed apply only to the machine as originally manufactured and designed by KOBELCO CRANES CO.,LTD. Modifications to this machine or use of equipment other than that specified can reduce operating capacity.
- 16. Designed and rated to comply ANSI code B30.5.

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Main Boom Rated Loads in Pounds

3 Counterweights + 2 Low Weights - Crawlers fully extended

| | | , | | | | | | |
|---|---|---|--|---|---|--|---|---|
| 40' Bo | oom | | 50' Bo | oom | | 60' Bo | oom | Г |
| Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) |
| 10.0 11.0 | 81.9 80.5 | 200,000 * 200,000 * | 12.0 13.0 | 81.2 80.1 | 185,180 * 171,950 * | 13.0 14.0 | 81.7 80.8 | 171,730 * 159,830 * |
| 12.0 | 79.0 | 185,400 * | 14.0 | 78.9 | 160,050 * | 15.0 | 79.8 | 149,910 * |
| 13.0 | 77.5 | 172,170 * | 15.0 | 77.7 | 150,130 * | 16.0 | 78.8 | 140,650 * |
| 14.0 | 76.1 | 160,270 * | 16.0 | 76.5 | 140,870 * | 17.0 | 77.8 | 132,930 * |
| 15.0 | 74.6 | 150,350 * | 17.0 | 75.4 | 133,150 * | 18.0 | 76.9 | 124,330 * |
| 16.0 | 73.1 | 141,090 * | 18.0 | 74.2 | 125,880 * | 19.0 | 75.9 | 116,180 * |
| 17.0 | 71.5 | 133,370 * | 19.0 | 73.0 | 119,040 * | 20.0 | 74.9 | 109,120 * |
| 18.0 | 70.0 | 126,100 * | 20.0 | 71.7 | 111,330 * | 22.0 | 72.9 | 97,000 * |
| 19.0 | 68.5 | 119,040 * | 22.0 | 69.3 | 98,760 * | 24.0 | 70.9 | 87,300 * |
| 20.0 | 66.9 | 111,110 * | 24.0 | 66.8 | 87,520 | 26.0 | 68.8 | 77,600 |
| 22.0 | 63.7 | 97,440 * | 26.0 | 64.3 | 77,820 | 28.0 | 66.8 | 69,880 |
| 24.0 | 60.5 | 86,420 * | 28.0 | 61.7 | 70,100 | 30.0 | 64.6 | 63,490 |
| 26.0 | 57.1 | 76,940 * | 30.0 | 59.0 | 63,710 | 32.0 | 62.5 | 58,200 |
| 28.0 | 53.5 | 69,000 * | 32.0 | 56.3 | 58,420 | 34.0 | 60.3 | 53,570 |
| 30.0 | 49.8 | 62,160 * | 34.0 | 53.5 | 53,790 | 36.0 | 58.1 | 49,600 |
| 32.0 | 45.9 | 55,990 * | 36.0 | 50.5 | 50,040 | 38.0 | 55.8 | 46,070 |
| 34.0 | 41.7 | 50,260 * | 38.0 | 47.4 | 46,510 | 40.0 | 53.4 | 43,210 |
| 36.0 | 37.0 | 45,190 * | 40.0 | 44.2 | 43,430 | 45.0 | 47.1 | 37,030 |
| 38.0 | 31.8 | 40,120 * | 45.0 | 35.0 | 35,270 * | 50.0 | 40.1 | 32,400 |
| 40.0 | 25.7 | 35,270 * | 50.0 | 22.8 | 27,110 * | 55.0 60.0 | 31.8 20.7 | 27,330 * 21,600 * |
| 70' Bo | oom | | 80' Bo | | | 001.0 | nom. | |
| | | | | | | 90' Bo | | <u> </u> |
| Load | Boom | 360° | Load | Boom | 360° | Load | Boom | 360° |
| | | 360° Rated Load (lbs) | | | 360° Rated Load (lbs) | | | 360° Rated Load (lbs) |
| Load Radius (ft) | Boom Angle (deg.) 81.3 | Rated Load (lbs) 149,690 * | Load Radius (ft) | Boom Angle (deg.) 81.6 | Rated Load (lbs) 138,660 * | Load Radius (ft) | Boom Angle (deg.) 81.9 | Rated Load (lbs) 125,660 * |
| Load Radius (ft) 15.0 16.0 | Boom Angle (deg.) 81.3 80.4 | Rated Load (lbs) 149,690 * 140,430 * | Load Radius (ft) 16.0 17.0 | Boom Angle (deg.) 81.6 80.9 | Rated Load (lbs) 138,660 * 128,300 * | Load Radius (ft) 17.0 18.0 | Boom Angle (deg.) 81.9 81.3 | Rated Load (lbs) 125,660 * 117,720 * |
| Load Radius (ft) 15.0 16.0 17.0 | Boom Angle (deg.) 81.3 80.4 79.6 | Rated Load (lbs) 149,690 * 140,430 * 131,830 * | Load Radius (ft) 16.0 17.0 18.0 | Boom Angle (deg.) 81.6 80.9 80.2 | Rated Load (lbs) 138,660 * 128,300 * 119,260 * | Load Radius (ft) 17.0 18.0 19.0 | Boom Angle (deg.) 81.9 81.3 80.6 | Rated Load (lbs) 125,660 * 117,720 * 109,780 * |
| Load Radius (ft) 15.0 16.0 17.0 18.0 | Boom Angle (deg.) 81.3 80.4 79.6 78.8 | Rated Load (lbs) 149,690 * 140,430 * 131,830 * 122,570 * | Load Radius (ft) 16.0 17.0 18.0 19.0 | Boom Angle (deg.) 81.6 80.9 80.2 79.5 | Rated Load (lbs) 138,660 * 128,300 * 119,260 * 111,550 * | Load Radius (ft) 17.0 18.0 19.0 20.0 | Boom Angle (deg.) 81.9 81.3 80.6 80.0 | Rated Load (lbs) 125,660 * 117,720 * 109,780 * 103,170 * |
| Load Radius (ft) 15.0 16.0 17.0 18.0 19.0 | Boom Angle (deg.) 81.3 80.4 79.6 78.8 77.9 | Rated Load (lbs) 149,690 * 140,430 * 131,830 * 122,570 * 114,630 * | Load Radius (ft) 16.0 17.0 18.0 19.0 20.0 | Boom Angle (deg.) 81.6 80.9 80.2 79.5 78.7 | Rated Load (lbs) 138,660 * 128,300 * 119,260 * 111,550 * 104,710 * | Load Radius (ft) 17.0 18.0 19.0 20.0 22.0 | Boom Angle (deg.) 81.9 81.3 80.6 80.0 78.7 | Rated Load (lbs) 125,660 * 117,720 * 109,780 * 103,170 * 91,710 * |
| Load Radius (ft) 15.0 16.0 17.0 18.0 19.0 20.0 | Boom Angle (deg.) 81.3 80.4 79.6 78.8 77.9 77.1 | Rated Load (lbs) 149,690 * 140,430 * 131,830 * 122,570 * 114,630 * 107,580 * | Load Radius (ft) 16.0 17.0 18.0 19.0 20.0 22.0 | Boom Angle (deg.) 81.6 80.9 80.2 79.5 78.7 77.3 | Rated Load (lbs) 138,660 * 128,300 * 119,260 * 111,550 * 104,710 * 93,250 * | Load Radius (ft) 17.0 18.0 19.0 20.0 22.0 24.0 | Boom Angle (deg.) 81.9 81.3 80.6 80.0 78.7 77.4 | Rated Load (lbs) 125,660 * 117,720 * 109,780 * 103,170 * 91,710 * 82,670 * |
| Load Radius (ft) 15.0 16.0 17.0 18.0 19.0 20.0 22.0 | Boom Angle (deg.) 81.3 80.4 79.6 78.8 77.9 77.1 75.4 | Rated Load (lbs) 149,690 * 140,430 * 131,830 * 122,570 * 114,630 * 107,580 * 95,900 * | Load Radius (ft) 16.0 17.0 18.0 19.0 20.0 22.0 24.0 | Boom Angle (deg.) 81.6 80.9 80.2 79.5 78.7 77.3 75.8 | Rated Load (lbs) 138,660 * 128,300 * 119,260 * 111,550 * 104,710 * 93,250 * 84,210 * | Load Radius (ft) 17.0 18.0 19.0 20.0 22.0 24.0 26.0 | Boom Angle (deg.) 81.9 81.3 80.6 80.0 78.7 77.4 76.1 | Rated Load (lbs) 125,660 * 117,720 * 109,780 * 103,170 * 91,710 * 82,670 * 75,390 * |
| Load Radius (ft) 15.0 16.0 17.0 18.0 19.0 20.0 22.0 24.0 | Boom Angle (deg.) 81.3 80.4 79.6 78.8 77.9 77.1 75.4 73.7 | Rated Load (lbs) 149,690 * 140,430 * 131,830 * 122,570 * 114,630 * 107,580 * 95,900 * 86,420 * | Load Radius (ft) 16.0 17.0 18.0 19.0 20.0 22.0 24.0 26.0 | Boom Angle (deg.) 81.6 80.9 80.2 79.5 78.7 77.3 75.8 74.3 | Rated Load (lbs) 138,660 * 128,300 * 119,260 * 111,550 * 104,710 * 93,250 * 84,210 * 76,720 * | Load Radius (ft) 17.0 18.0 19.0 20.0 22.0 24.0 26.0 28.0 | Boom Angle (deg.) 81.9 81.3 80.6 80.0 78.7 77.4 76.1 74.8 | Rated Load (lbs) 125,660 * 117,720 * 109,780 * 103,170 * 91,710 * 82,670 * 75,390 * 69,220 * |
| Load Radius (ft) 15.0 16.0 17.0 18.0 19.0 20.0 22.0 24.0 26.0 | Boom Angle (deg.) 81.3 80.4 79.6 78.8 77.9 77.1 75.4 73.7 72.0 | Rated Load (lbs) 149,690 * 140,430 * 131,830 * 122,570 * 114,630 * 107,580 * 95,900 * 86,420 * 77,600 | Load Radius (ft) 16.0 17.0 18.0 19.0 20.0 22.0 24.0 26.0 28.0 | Boom Angle (deg.) 81.6 80.9 80.2 79.5 78.7 77.3 75.8 74.3 72.8 | Rated Load (lbs) 138,660 * 128,300 * 119,260 * 111,550 * 104,710 * 93,250 * 84,210 * 76,720 * 69,440 | Load Radius (ft) 17.0 18.0 19.0 20.0 22.0 24.0 26.0 28.0 30.0 | Boom Angle (deg.) 81.9 81.3 80.6 80.0 78.7 77.4 76.1 74.8 73.4 | Rated Load (lbs) 125,660 * 117,720 * 109,780 * 103,170 * 91,710 * 82,670 * 75,390 * 69,220 * 63,050 |
| Load Radius (ft) 15.0 16.0 17.0 18.0 19.0 20.0 22.0 24.0 26.0 28.0 | Boom Angle (deg.) 81.3 80.4 79.6 78.8 77.9 77.1 75.4 73.7 72.0 70.2 | Rated Load (lbs) 149,690 * 140,430 * 131,830 * 122,570 * 114,630 * 107,580 * 95,900 * 86,420 * 77,600 69,880 | Load Radius (ft) 16.0 17.0 18.0 19.0 20.0 22.0 24.0 26.0 28.0 30.0 | Boom Angle (deg.) 81.6 80.9 80.2 79.5 78.7 77.3 75.8 74.3 72.8 71.3 | Rated Load (lbs) 138,660 * 128,300 * 119,260 * 111,550 * 104,710 * 93,250 * 84,210 * 76,720 * 69,440 63,050 | Load Radius (ft) 17.0 18.0 19.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 | Boom Angle (deg.) 81.9 81.3 80.6 80.0 78.7 77.4 76.1 74.8 73.4 72.1 | Rated Load (lbs) 125,660 * 117,720 * 109,780 * 103,170 * 91,710 * 82,670 * 75,390 * 69,220 * 63,050 57,540 |
| Load Radius (ft) 15.0 16.0 17.0 18.0 19.0 20.0 22.0 24.0 26.0 28.0 30.0 | Boom Angle (deg.) 81.3 80.4 79.6 78.8 77.9 77.1 75.4 73.7 72.0 70.2 68.5 | Rated Load (lbs) 149,690 * 140,430 * 131,830 * 122,570 * 114,630 * 107,580 * 95,900 * 86,420 * 77,600 69,880 63,490 | Load Radius (ft) 16.0 17.0 18.0 19.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 | Boom Angle (deg.) 81.6 80.9 80.2 79.5 78.7 77.3 75.8 74.3 72.8 71.3 69.8 | Rated Load (lbs) 138,660 * 128,300 * 119,260 * 111,550 * 104,710 * 93,250 * 84,210 * 76,720 * 69,440 63,050 57,760 | Load Radius (ft) 17.0 18.0 19.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 | Boom Angle (deg.) 81.9 81.3 80.6 80.0 78.7 77.4 76.1 74.8 73.4 72.1 70.8 | Rated Load (lbs) 125,660 * 117,720 * 109,780 * 103,170 * 91,710 * 82,670 * 75,390 * 69,220 * 63,050 57,540 52,910 |
| Load Radius (ft) 15.0 16.0 17.0 18.0 19.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 | Boom Angle (deg.) 81.3 80.4 79.6 78.8 77.9 77.1 75.4 73.7 72.0 70.2 68.5 66.7 | Rated Load (lbs) 149,690 * 140,430 * 131,830 * 122,570 * 114,630 * 107,580 * 95,900 * 86,420 * 77,600 69,880 63,490 57,980 | Load Radius (ft) 16.0 17.0 18.0 19.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 | Boom Angle (deg.) 81.6 80.9 80.2 79.5 78.7 77.3 75.8 74.3 72.8 71.3 69.8 68.2 | Rated Load (lbs) 138,660 * 128,300 * 119,260 * 111,550 * 104,710 * 93,250 * 84,210 * 76,720 * 69,440 63,050 57,760 53,130 | Load Radius (ft) 17.0 18.0 19.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 | Boom Angle (deg.) 81.9 81.3 80.6 80.0 78.7 77.4 76.1 74.8 73.4 72.1 70.8 69.4 | Rated Load (lbs) 125,660 * 117,720 * 109,780 * 103,170 * 91,710 * 82,670 * 75,390 * 69,220 * 63,050 57,540 52,910 49,160 |
| Load Radius (ft) 15.0 16.0 17.0 18.0 19.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 | Boom Angle (deg.) 81.3 80.4 79.6 78.8 77.9 77.1 75.4 73.7 72.0 70.2 68.5 66.7 64.9 | Rated Load (lbs) 149,690 * 140,430 * 131,830 * 122,570 * 114,630 * 107,580 * 95,900 * 86,420 * 77,600 69,880 63,490 57,980 53,350 | Load Radius (ft) 16.0 17.0 18.0 19.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 | Boom Angle (deg.) 81.6 80.9 80.2 79.5 78.7 77.3 75.8 74.3 72.8 71.3 69.8 68.2 66.7 | Rated Load (lbs) 138,660 * 128,300 * 119,260 * 111,550 * 104,710 * 93,250 * 84,210 * 76,720 * 69,440 63,050 57,760 53,130 49,160 | Load Radius (ft) 17.0 18.0 19.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 | Boom Angle (deg.) 81.9 81.3 80.6 80.0 78.7 77.4 76.1 74.8 73.4 72.1 70.8 69.4 68.0 | Rated Load (lbs) 125,660 * 117,720 * 109,780 * 103,170 * 91,710 * 82,670 * 75,390 * 69,220 * 63,050 57,540 52,910 49,160 45,630 |
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| Load Radius (ft) 15.0 16.0 17.0 18.0 19.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 | Boom Angle (deg.) 81.3 80.4 79.6 78.8 77.9 77.1 75.4 73.7 72.0 70.2 68.5 66.7 64.9 63.1 61.2 59.3 | Rated Load (lbs) 149,690 * 140,430 * 131,830 * 122,570 * 114,630 * 107,580 * 95,900 * 86,420 * 77,600 69,880 63,490 57,980 53,350 49,600 46,070 42,980 | Load Radius (ft) 16.0 17.0 18.0 19.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 45.0 | Boom Angle (deg.) 81.6 80.9 80.2 79.5 78.7 77.3 75.8 74.3 72.8 71.3 69.8 68.2 66.7 65.1 63.5 59.4 | Rated Load (lbs) 138,660 * 128,300 * 119,260 * 111,550 * 104,710 * 93,250 * 84,210 * 76,720 * 69,440 63,050 57,760 53,130 49,160 45,850 42,760 36,590 | Load Radius (ft) 17.0 18.0 19.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 45.0 50.0 | Boom Angle (deg.) 81.9 81.3 80.6 80.0 78.7 77.4 76.1 74.8 73.4 72.1 70.8 69.4 68.0 66.6 | Rated Load (lbs) 125,660 * 117,720 * 109,780 * 103,170 * 91,710 * 82,670 * 75,390 * 69,220 * 63,050 57,540 52,910 49,160 45,630 42,540 36,370 31,740 |
| Load Radius (ft) 15.0 16.0 17.0 18.0 19.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 | Boom Angle (deg.) 81.3 80.4 79.6 78.8 77.9 77.1 75.4 73.7 72.0 70.2 68.5 66.7 64.9 63.1 61.2 | Rated Load (lbs) 149,690 * 140,430 * 131,830 * 122,570 * 114,630 * 107,580 * 95,900 * 86,420 * 77,600 69,880 63,490 57,980 53,350 49,600 46,070 | Load Radius (ft) 16.0 17.0 18.0 19.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 | Boom Angle (deg.) 81.6 80.9 80.2 79.5 78.7 77.3 75.8 74.3 72.8 71.3 69.8 68.2 66.7 65.1 63.5 | Rated Load (lbs) 138,660 * 128,300 * 119,260 * 111,550 * 104,710 * 93,250 * 84,210 * 76,720 * 69,440 63,050 57,760 53,130 49,160 45,850 42,760 | Load Radius (ft) 17.0 18.0 19.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 45.0 | Boom Angle (deg.) 81.9 81.3 80.6 80.0 78.7 77.4 76.1 74.8 73.4 72.1 70.8 69.4 68.0 66.6 63.1 59.5 | Rated Load (lbs) 125,660 * 117,720 * 109,780 * 103,170 * 91,710 * 82,670 * 75,390 * 69,220 * 63,050 57,540 52,910 49,160 45,630 42,540 36,370 |
| Load Radius (ft) 15.0 16.0 17.0 18.0 19.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 45.0 | Boom Angle (deg.) 81.3 80.4 79.6 78.8 77.9 77.1 75.4 73.7 72.0 70.2 68.5 66.7 64.9 63.1 61.2 59.3 54.4 | Rated Load (lbs) 149,690 * 140,430 * 131,830 * 122,570 * 114,630 * 107,580 * 95,900 * 86,420 * 77,600 69,880 63,490 57,980 53,350 49,600 46,070 42,980 37,030 | Load Radius (ft) 16.0 17.0 18.0 19.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 45.0 50.0 | Boom Angle (deg.) 81.6 80.9 80.2 79.5 78.7 77.3 75.8 74.3 72.8 71.3 69.8 68.2 66.7 65.1 63.5 59.4 | Rated Load (lbs) 138,660 * 128,300 * 119,260 * 111,550 * 104,710 * 93,250 * 84,210 * 76,720 * 69,440 63,050 57,760 53,130 49,160 45,850 42,760 36,590 31,960 | Load Radius (ft) 17.0 18.0 19.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 45.0 50.0 55.0 | Boom Angle (deg.) 81.9 81.3 80.6 80.0 78.7 77.4 76.1 74.8 73.4 72.1 70.8 69.4 68.0 66.6 63.1 59.5 55.7 | Rated Load (lbs) 125,660 * 117,720 * 109,780 * 103,170 * 91,710 * 82,670 * 75,390 * 69,220 * 63,050 57,540 52,910 49,160 45,630 42,540 36,370 31,740 27,990 |
| Load Radius (ft) 15.0 16.0 17.0 18.0 19.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 45.0 50.0 | Boom Angle (deg.) 81.3 80.4 79.6 78.8 77.9 77.1 75.4 73.7 72.0 70.2 68.5 66.7 64.9 63.1 61.2 59.3 54.4 49.1 | Rated Load (lbs) 149,690 * 140,430 * 131,830 * 122,570 * 114,630 * 107,580 * 95,900 * 86,420 * 77,600 69,880 63,490 57,980 53,350 49,600 46,070 42,980 37,030 32,180 | Load Radius (ft) 16.0 17.0 18.0 19.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 45.0 50.0 55.0 | Boom Angle (deg.) 81.6 80.9 80.2 79.5 78.7 77.3 75.8 74.3 72.8 71.3 69.8 68.2 66.7 65.1 63.5 59.4 55.1 50.6 | Rated Load (lbs) 138,660 * 128,300 * 119,260 * 111,550 * 104,710 * 93,250 * 84,210 * 76,720 * 69,440 63,050 57,760 53,130 49,160 45,850 42,760 36,590 31,960 28,210 | Load Radius (ft) 17.0 18.0 19.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 45.0 50.0 55.0 60.0 | Boom Angle (deg.) 81.9 81.3 80.6 80.0 78.7 77.4 76.1 74.8 73.4 72.1 70.8 69.4 68.0 66.6 63.1 59.5 55.7 51.7 | Rated Load (lbs) 125,660 * 117,720 * 109,780 * 103,170 * 91,710 * 82,670 * 75,390 * 69,220 * 63,050 57,540 52,910 49,160 45,630 42,540 36,370 31,740 27,990 25,130 |
| Load Radius (ft) 15.0 16.0 17.0 18.0 19.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 45.0 50.0 55.0 | Boom Angle (deg.) 81.3 80.4 79.6 78.8 77.9 77.1 75.4 73.7 72.0 70.2 68.5 66.7 64.9 63.1 61.2 59.3 54.4 49.1 43.4 | Rated Load (lbs) 149,690 * 140,430 * 131,830 * 122,570 * 114,630 * 107,580 * 95,900 * 86,420 * 77,600 69,880 63,490 57,980 53,350 49,600 46,070 42,980 37,030 32,180 28,650 | Load Radius (ft) 16.0 17.0 18.0 19.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 45.0 50.0 55.0 60.0 | Boom Angle (deg.) 81.6 80.9 80.2 79.5 78.7 77.3 75.8 74.3 72.8 71.3 69.8 68.2 66.7 65.1 63.5 59.4 55.1 50.6 45.7 | Rated Load (lbs) 138,660 * 128,300 * 119,260 * 111,550 * 104,710 * 93,250 * 84,210 * 76,720 * 69,440 63,050 57,760 53,130 49,160 45,850 42,760 36,590 31,960 28,210 25,130 | Load Radius (ft) 17.0 18.0 19.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 45.0 50.0 65.0 | Boom Angle (deg.) 81.9 81.3 80.6 80.0 78.7 77.4 76.1 74.8 73.4 72.1 70.8 69.4 68.0 66.6 63.1 59.5 55.7 51.7 47.5 | Rated Load (lbs) 125,660 * 117,720 * 109,780 * 103,170 * 91,710 * 82,670 * 75,390 * 69,220 * 63,050 57,540 52,910 49,160 45,630 42,540 36,370 31,740 27,990 25,130 22,480 |
| Load Radius (ft) 15.0 16.0 17.0 18.0 19.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 45.0 50.0 55.0 60.0 | Boom Angle (deg.) 81.3 80.4 79.6 78.8 77.9 77.1 75.4 73.7 72.0 70.2 68.5 66.7 64.9 63.1 61.2 59.3 54.4 49.1 43.4 37.0 | Rated Load (lbs) 149,690 * 140,430 * 131,830 * 122,570 * 114,630 * 107,580 * 95,900 * 86,420 * 77,600 69,880 63,490 57,980 53,350 49,600 46,070 42,980 37,030 32,180 28,650 25,570 | Load Radius (ft) 16.0 17.0 18.0 19.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 45.0 50.0 55.0 60.0 65.0 | Boom Angle (deg.) 81.6 80.9 80.2 79.5 78.7 77.3 75.8 74.3 72.8 71.3 69.8 68.2 66.7 65.1 63.5 59.4 55.1 50.6 45.7 40.4 | Rated Load (lbs) 138,660 * 128,300 * 119,260 * 111,550 * 104,710 * 93,250 * 84,210 * 76,720 * 69,440 63,050 57,760 53,130 49,160 45,850 42,760 36,590 31,960 28,210 25,130 22,700 | Load Radius (ft) 17.0 18.0 19.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 45.0 50.0 65.0 70.0 75.0 80.0 | Boom Angle (deg.) 81.9 81.3 80.6 80.0 78.7 77.4 76.1 74.8 73.4 72.1 70.8 69.4 68.0 66.6 63.1 59.5 55.7 51.7 47.5 43.0 38.0 32.4 | Rated Load (lbs) 125,660 * 117,720 * 109,780 * 103,170 * 91,710 * 82,670 * 75,390 * 69,220 * 63,050 57,540 52,910 49,160 45,630 42,540 36,370 31,740 27,990 25,130 22,480 20,500 18,730 17,190 * |
| Load Radius (ft) 15.0 16.0 17.0 18.0 19.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 45.0 50.0 55.0 60.0 | Boom Angle (deg.) 81.3 80.4 79.6 78.8 77.9 77.1 75.4 73.7 72.0 70.2 68.5 66.7 64.9 63.1 61.2 59.3 54.4 49.1 43.4 37.0 | Rated Load (lbs) 149,690 * 140,430 * 131,830 * 122,570 * 114,630 * 107,580 * 95,900 * 86,420 * 77,600 69,880 63,490 57,980 53,350 49,600 46,070 42,980 37,030 32,180 28,650 25,570 | Load Radius (ft) 16.0 17.0 18.0 19.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 45.0 50.0 55.0 60.0 65.0 70.0 | Boom Angle (deg.) 81.6 80.9 80.2 79.5 78.7 77.3 75.8 74.3 72.8 71.3 69.8 68.2 66.7 65.1 63.5 59.4 55.1 50.6 45.7 40.4 34.5 | Rated Load (lbs) 138,660 * 128,300 * 119,260 * 111,550 * 104,710 * 93,250 * 84,210 * 76,720 * 69,440 63,050 57,760 53,130 49,160 45,850 42,760 36,590 31,960 28,210 25,130 22,700 20,720 | Load Radius (ft) 17.0 18.0 19.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 45.0 50.0 60.0 65.0 70.0 75.0 | Boom Angle (deg.) 81.9 81.3 80.6 80.0 78.7 77.4 76.1 74.8 73.4 72.1 70.8 69.4 68.0 66.6 63.1 59.5 55.7 51.7 47.5 43.0 38.0 | Rated Load (lbs) 125,660 * 117,720 * 109,780 * 103,170 * 91,710 * 82,670 * 75,390 * 69,220 * 63,050 57,540 52,910 49,160 45,630 42,540 36,370 31,740 27,990 25,130 22,480 20,500 18,730 |
| Load Radius (ft) 15.0 16.0 17.0 18.0 19.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 45.0 50.0 55.0 60.0 | Boom Angle (deg.) 81.3 80.4 79.6 78.8 77.9 77.1 75.4 73.7 72.0 70.2 68.5 66.7 64.9 63.1 61.2 59.3 54.4 49.1 43.4 37.0 | Rated Load (lbs) 149,690 * 140,430 * 131,830 * 122,570 * 114,630 * 107,580 * 95,900 * 86,420 * 77,600 69,880 63,490 57,980 53,350 49,600 46,070 42,980 37,030 32,180 28,650 25,570 | Load Radius (ft) 16.0 17.0 18.0 19.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 45.0 50.0 55.0 60.0 65.0 70.0 | Boom Angle (deg.) 81.6 80.9 80.2 79.5 78.7 77.3 75.8 74.3 72.8 71.3 69.8 68.2 66.7 65.1 63.5 59.4 55.1 50.6 45.7 40.4 34.5 | Rated Load (lbs) 138,660 * 128,300 * 119,260 * 111,550 * 104,710 * 93,250 * 84,210 * 76,720 * 69,440 63,050 57,760 53,130 49,160 45,850 42,760 36,590 31,960 28,210 25,130 22,700 20,720 | Load Radius (ft) 17.0 18.0 19.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 45.0 50.0 65.0 70.0 75.0 80.0 | Boom Angle (deg.) 81.9 81.3 80.6 80.0 78.7 77.4 76.1 74.8 73.4 72.1 70.8 69.4 68.0 66.6 63.1 59.5 55.7 51.7 47.5 43.0 38.0 32.4 | Rated Load (lbs) 125,660 * 117,720 * 109,780 * 103,170 * 91,710 * 82,670 * 75,390 * 69,220 * 63,050 57,540 52,910 49,160 45,630 42,540 36,370 31,740 27,990 25,130 22,480 20,500 18,730 17,190 * |
| Load Radius (ft) 15.0 16.0 17.0 18.0 19.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 45.0 50.0 55.0 60.0 | Boom Angle (deg.) 81.3 80.4 79.6 78.8 77.9 77.1 75.4 73.7 72.0 70.2 68.5 66.7 64.9 63.1 61.2 59.3 54.4 49.1 43.4 37.0 | Rated Load (lbs) 149,690 * 140,430 * 131,830 * 122,570 * 114,630 * 107,580 * 95,900 * 86,420 * 77,600 69,880 63,490 57,980 53,350 49,600 46,070 42,980 37,030 32,180 28,650 25,570 | Load Radius (ft) 16.0 17.0 18.0 19.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 45.0 50.0 55.0 60.0 65.0 70.0 | Boom Angle (deg.) 81.6 80.9 80.2 79.5 78.7 77.3 75.8 74.3 72.8 71.3 69.8 68.2 66.7 65.1 63.5 59.4 55.1 50.6 45.7 40.4 34.5 | Rated Load (lbs) 138,660 * 128,300 * 119,260 * 111,550 * 104,710 * 93,250 * 84,210 * 76,720 * 69,440 63,050 57,760 53,130 49,160 45,850 42,760 36,590 31,960 28,210 25,130 22,700 20,720 | Load Radius (ft) 17.0 18.0 19.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 45.0 50.0 65.0 70.0 75.0 80.0 | Boom Angle (deg.) 81.9 81.3 80.6 80.0 78.7 77.4 76.1 74.8 73.4 72.1 70.8 69.4 68.0 66.6 63.1 59.5 55.7 51.7 47.5 43.0 38.0 32.4 | Rated Load (lbs) 125,660 * 117,720 * 109,780 * 103,170 * 91,710 * 82,670 * 75,390 * 69,220 * 63,050 57,540 52,910 49,160 45,630 42,540 36,370 31,740 27,990 25,130 22,480 20,500 18,730 17,190 * |

CK1000-III

Main Boom Rated Loads in Pounds

3 Counterweights + 2 Low Weights - Crawlers fully extended

| | oom | | 110' B | oom | | 120' B | oom | |
|---|--|---|---|--|--|---|--|--|
| Load | Boom | 360° | Load | Boom | 360° | Load | Boom | 360° |
| Radius | Angle | Rated Load | Radius | Angle | Rated Load | Radius | Angle | Rated Load |
| (ft) | (deg.) | (lbs) | (ft) | (deg.) | (lbs) | (ft) | (deg.) | (lbs) |
| 19.0 | 81.6 | 107,360 * | 20.0 | 81.8 | 100,300 * | 22.0 | 81.6 | 87,080 * |
| 20.0 | 81.0 | 100,750 * | 22.0 | 80.8 | 89,060 * | 24.0 | 80.6 | 78,480 * |
| 22.0 | 79.8 | 89,500 * | 24.0 | 79.7 | 80,020 * | 26.0 | 79.6 | 71,200 * |
| 24.0 | 78.7 | 80,680 * | 26.0 | 78.7 | 72,750 * | 28.0 | 78.6 | 65,250 * |
| 26.0 | 77.5 | 73,410 * | 28.0 | 77.6 | 66,790 * | 30.0 | 77.7 | 60,180 * |
| 28.0 | 76.3 | 67,460 * | 30.0 | 76.5 | 61,720 * | 32.0 | 76.7 | 55,990 * |
| 30.0 | 75.1 | 62,390 * | 32.0 | 75.4 | 57,310 * | 34.0 | 75.7 | 52,240 * |
| 32.0 | 73.9 | 57,310 | 34.0 | 74.4 | 52,680 | 36.0 | 74.7 | 48,500 |
| 34.0 | 72.7 | 52,680 | 36.0 | 73.3 | 48,720 | 38.0 | 73.7 | 44,970 |
| 36.0 | 71.5 | 48,720 | 38.0 | 72.2 | 45,410 | 40.0 | 72.7 | 42,100 |
| 38.0 | 70.3 | 45,410 | 40.0 | 71.1 | 42,320 | 45.0 | 70.2 | 35,930 |
| 40.0 | 69.1 | 42,320 | 45.0 | 68.3 | 36,150 | 50.0 | 67.6 | 31,080 |
| 45.0 | 66.0 | 36,150 | 50.0 | 65.5 | 31,520 | 55.0 | 65.0 | 27,330 |
| 50.0 | 62.8 | 31,520 | 55.0 | 62.6 | 27,770 | 60.0 | 62.3 | 24,470 |
| 55.0 | 59.5 | 27,770 | 60.0 | 59.6 | 24,690 | 65.0 | 59.6 | 21,820 |
| 60.0 | 56.1 | 24,690 | 65.0 | 56.5 | 22,260 | 70.0 | 56.8 | 19,840 |
| 65.0 | 52.6 | 22,260 | 70.0 | 53.3 | 20,060 | 75.0 | 53.9 | 18,070 |
| 70.0 | 48.8 | 20,060 | 75.0 | 49.9 | 18,290 | 80.0 | 50.8 | 16,530 |
| 75.0 | 44.9 | 18,290 | 80.0 | 46.4 | 16,750 | 85.0 | 47.7 | 15,210 |
| 80.0 | 40.6 | 16,750 | 85.0 | 42.7 | 15,430 | 90.0 | 44.3 | 13,880 |
| 85.0 | 36.0 | 15,430 | 90.0 | 38.6 | 14,320 | 95.0 | 40.8 | 13,000 |
| 90.0 | 30.7 | 14,320 * | 95.0 | 34.2 | 13,220 | 100.0 | 36.9 | 12,120 |
| 95.0 | 24.4 | 12,340 * | 100.0 | 29.2 | 12,120 * | 105.0 | 32.7 | 11,240 |
| | | · | 105.0 | 23.2 | 10,360 * | 110.0 | 27.9 | 10,140 * |
| | | | | | | 115.0 | 22.2 | 8,590 * |
| | | | | | | | | |
| 130' B | oom | | 140' B | oom | | 150' B | oom | |
| Load | Boom | 360° | Load | Boom | 360° | Load | Boom | 360° |
| Radius | Angle | Rated Load | Radius | Angle | Rated Load | Radius | Angle | Rated Load |
| (ft) | (deg.) | (lbs) | (ft) | (deg.) | (lbs) | (ft) | (deg.) | (lbs) |
| 24.0 | 81.3 | 71,860 * | 24.0 | 81.9 | 61,720 * | 26.0 | 81.7 | 52,680 * |
| 26.0 | | | | | 01,720 | | | |
| | 80.4 | 70,980 * | 26.0 | 81.1 | 60,840 * | 28.0 | 80.9 | 51,800 * |
| 28.0 | 80.4 79.5 | | 26.0 28.0 | | · · | 28.0 30.0 | 80.9 80.2 | 51,800 * 51,140 * |
| 28.0 30.0 | | 70,980 * | | 81.1 | 60,840 * | | | · · · · · · · · · · · · · · · · · · · |
| | 79.5 | 70,980 * 65,030 * | 28.0 | 81.1 80.3 | 60,840 * 59,960 * | 30.0 | 80.2 | 51,140 * |
| 30.0 | 79.5 78.6 | 70,980 * 65,030 * 59,960 * | 28.0 30.0 | 81.1 80.3 79.4 | 60,840 * 59,960 * 58,640 * | 30.0 32.0 34.0 | 80.2 79.4 78.6 | 51,140 * 50,260 * 49,600 * |
| 30.0 32.0 | 79.5 78.6 77.7 | 70,980 * 65,030 * 59,960 * 55,550 * | 28.0 30.0 32.0 | 81.1 80.3 79.4 78.6 77.8 | 60,840 * 59,960 * 58,640 * 54,450 * 50,700 * | 30.0 32.0 34.0 36.0 | 80.2 79.4 78.6 77.8 | 51,140 * 50,260 * 49,600 * 46,510 * |
| 30.0 32.0 34.0 | 79.5 78.6 77.7 76.8 | 70,980 * 65,030 * 59,960 * 55,550 * 51,800 * | 28.0 30.0 32.0 34.0 | 81.1 80.3 79.4 78.6 | 60,840 * 59,960 * 58,640 * 54,450 * | 30.0 32.0 34.0 | 80.2 79.4 78.6 | 51,140 * 50,260 * 49,600 * |
| 30.0 32.0 34.0 36.0 | 79.5 78.6 77.7 76.8 75.9 | 70,980 * 65,030 * 59,960 * 55,550 * 51,800 * 48,500 * | 28.0 30.0 32.0 34.0 36.0 | 81.1 80.3 79.4 78.6 77.8 76.9 | 60,840 * 59,960 * 58,640 * 54,450 * 50,700 * 47,390 * | 30.0 32.0 34.0 36.0 38.0 | 80.2 79.4 78.6 77.8 77.0 | 51,140 * 50,260 * 49,600 * 46,510 * 43,650 * |
| 30.0 32.0 34.0 36.0 38.0 | 79.5 78.6 77.7 76.8 75.9 75.0 | 70,980 * 65,030 * 59,960 * 55,550 * 51,800 * 48,500 * 44,970 | 28.0 30.0 32.0 34.0 36.0 38.0 | 81.1 80.3 79.4 78.6 77.8 76.9 | 60,840 * 59,960 * 58,640 * 54,450 * 50,700 * 47,390 * 44,530 * | 30.0 32.0 34.0 36.0 38.0 40.0 | 80.2 79.4 78.6 77.8 77.0 76.3 | 51,140 * 50,260 * 49,600 * 46,510 * 43,650 * 41,220 * |
| 30.0 32.0 34.0 36.0 38.0 40.0 | 79.5 78.6 77.7 76.8 75.9 75.0 74.1 | 70,980 * 65,030 * 59,960 * 55,550 * 51,800 * 48,500 * 44,970 41,880 | 28.0 30.0 32.0 34.0 36.0 38.0 40.0 | 81.1 80.3 79.4 78.6 77.8 76.9 76.1 75.2 | 60,840 * 59,960 * 58,640 * 54,450 * 50,700 * 47,390 * 44,530 * 41,660 | 30.0 32.0 34.0 36.0 38.0 40.0 45.0 | 80.2 79.4 78.6 77.8 77.0 76.3 74.3 | 51,140 * 50,260 * 49,600 * 46,510 * 43,650 * 41,220 * 35,270 |
| 30.0 32.0 34.0 36.0 38.0 40.0 45.0 | 79.5 78.6 77.7 76.8 75.9 75.0 74.1 71.8 | 70,980 * 65,030 * 59,960 * 55,550 * 51,800 * 48,500 * 44,970 41,880 35,710 | 28.0 30.0 32.0 34.0 36.0 38.0 40.0 45.0 | 81.1 80.3 79.4 78.6 77.8 76.9 76.1 75.2 73.1 | 60,840 * 59,960 * 58,640 * 54,450 * 50,700 * 47,390 * 44,530 * 41,660 35,490 | 30.0 32.0 34.0 36.0 38.0 40.0 45.0 50.0 | 80.2 79.4 78.6 77.8 77.0 76.3 74.3 72.3 | 51,140 * 50,260 * 49,600 * 46,510 * 43,650 * 41,220 * 35,270 30,640 |
| 30.0 32.0 34.0 36.0 38.0 40.0 45.0 50.0 | 79.5 78.6 77.7 76.8 75.9 75.0 74.1 71.8 69.4 | 70,980 * 65,030 * 59,960 * 55,550 * 51,800 * 48,500 * 44,970 41,880 35,710 31,080 | 28.0 30.0 32.0 34.0 36.0 38.0 40.0 45.0 50.0 | 81.1 80.3 79.4 78.6 77.8 76.9 76.1 75.2 73.1 71.0 | 60,840 * 59,960 * 58,640 * 54,450 * 50,700 * 47,390 * 44,530 * 41,660 35,490 30,860 | 30.0 32.0 34.0 36.0 38.0 40.0 45.0 50.0 55.0 | 80.2 79.4 78.6 77.8 77.0 76.3 74.3 72.3 70.3 | 51,140 * 50,260 * 49,600 * 46,510 * 43,650 * 41,220 * 35,270 30,640 26,890 |
| 30.0 32.0 34.0 36.0 38.0 40.0 45.0 50.0 55.0 | 79.5 78.6 77.7 76.8 75.9 75.0 74.1 71.8 69.4 67.1 | 70,980 * 65,030 * 59,960 * 55,550 * 51,800 * 48,500 * 44,970 41,880 35,710 31,080 27,330 | 28.0 30.0 32.0 34.0 36.0 38.0 40.0 45.0 50.0 | 81.1 80.3 79.4 78.6 77.8 76.9 76.1 75.2 73.1 71.0 68.8 | 60,840 * 59,960 * 58,640 * 54,450 * 50,700 * 47,390 * 44,530 * 41,660 35,490 30,860 27,110 | 30.0 32.0 34.0 36.0 38.0 40.0 45.0 50.0 55.0 60.0 | 80.2 79.4 78.6 77.8 77.0 76.3 74.3 72.3 70.3 68.2 | 51,140 * 50,260 * 49,600 * 46,510 * 43,650 * 41,220 * 35,270 30,640 26,890 23,800 |
| 30.0 32.0 34.0 36.0 38.0 40.0 45.0 50.0 55.0 60.0 | 79.5 78.6 77.7 76.8 75.9 75.0 74.1 71.8 69.4 67.1 64.6 | 70,980 * 65,030 * 59,960 * 55,550 * 51,800 * 48,500 * 44,970 41,880 35,710 31,080 27,330 24,250 | 28.0 30.0 32.0 34.0 36.0 38.0 40.0 45.0 50.0 55.0 60.0 | 81.1 80.3 79.4 78.6 77.8 76.9 76.1 75.2 73.1 71.0 68.8 66.6 | 60,840 * 59,960 * 58,640 * 54,450 * 50,700 * 47,390 * 44,530 * 41,660 35,490 30,860 27,110 24,030 | 30.0 32.0 34.0 36.0 38.0 40.0 45.0 50.0 55.0 60.0 65.0 | 80.2 79.4 78.6 77.8 77.0 76.3 74.3 72.3 70.3 68.2 66.1 | 51,140 * 50,260 * 49,600 * 46,510 * 43,650 * 41,220 * 35,270 30,640 26,890 23,800 21,380 |
| 30.0 32.0 34.0 36.0 38.0 40.0 45.0 50.0 55.0 60.0 65.0 | 79.5 78.6 77.7 76.8 75.9 75.0 74.1 71.8 69.4 67.1 64.6 62.2 | 70,980 * 65,030 * 59,960 * 55,550 * 51,800 * 48,500 * 44,970 41,880 35,710 31,080 27,330 24,250 21,820 | 28.0 30.0 32.0 34.0 36.0 38.0 40.0 45.0 50.0 55.0 60.0 65.0 | 81.1 80.3 79.4 78.6 77.8 76.9 76.1 75.2 73.1 71.0 68.8 66.6 64.3 | 60,840 * 59,960 * 58,640 * 54,450 * 50,700 * 47,390 * 44,530 * 41,660 35,490 30,860 27,110 24,030 21,380 | 30.0 32.0 34.0 36.0 38.0 40.0 45.0 50.0 55.0 60.0 65.0 70.0 | 80.2 79.4 78.6 77.8 77.0 76.3 74.3 72.3 70.3 68.2 66.1 64.0 | 51,140 * 50,260 * 49,600 * 46,510 * 43,650 * 41,220 * 35,270 30,640 26,890 23,800 21,380 19,180 |
| 30.0 32.0 34.0 36.0 38.0 40.0 45.0 50.0 55.0 60.0 65.0 70.0 | 79.5 78.6 77.7 76.8 75.9 75.0 74.1 71.8 69.4 67.1 64.6 62.2 59.6 | 70,980 * 65,030 * 59,960 * 55,550 * 51,800 * 48,500 * 44,970 41,880 35,710 31,080 27,330 24,250 21,820 19,620 | 28.0 30.0 32.0 34.0 36.0 38.0 40.0 45.0 50.0 65.0 70.0 | 81.1 80.3 79.4 78.6 77.8 76.9 76.1 75.2 73.1 71.0 68.8 66.6 64.3 62.0 | 60,840 * 59,960 * 58,640 * 54,450 * 50,700 * 47,390 * 44,530 * 41,660 35,490 30,860 27,110 24,030 21,380 19,400 | 30.0 32.0 34.0 36.0 38.0 40.0 45.0 50.0 55.0 60.0 65.0 70.0 75.0 | 80.2 79.4 78.6 77.8 77.0 76.3 74.3 72.3 70.3 68.2 66.1 64.0 61.9 | 51,140 * 50,260 * 49,600 * 46,510 * 43,650 * 41,220 * 35,270 30,640 26,890 23,800 21,380 19,180 17,410 |
| 30.0 32.0 34.0 36.0 38.0 40.0 45.0 50.0 65.0 70.0 75.0 | 79.5 78.6 77.7 76.8 75.9 75.0 74.1 71.8 69.4 67.1 64.6 62.2 59.6 57.0 | 70,980 * 65,030 * 59,960 * 55,550 * 51,800 * 48,500 * 44,970 41,880 35,710 31,080 27,330 24,250 21,820 19,620 17,850 | 28.0 30.0 32.0 34.0 36.0 38.0 40.0 45.0 50.0 65.0 70.0 75.0 | 81.1 80.3 79.4 78.6 77.8 76.9 76.1 75.2 73.1 71.0 68.8 66.6 64.3 62.0 59.7 | 60,840 * 59,960 * 58,640 * 54,450 * 50,700 * 47,390 * 44,530 * 41,660 35,490 30,860 27,110 24,030 21,380 19,400 17,630 | 30.0 32.0 34.0 36.0 38.0 40.0 45.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0 | 80.2 79.4 78.6 77.8 77.0 76.3 74.3 72.3 70.3 68.2 66.1 64.0 61.9 59.7 | 51,140 * 50,260 * 49,600 * 46,510 * 43,650 * 41,220 * 35,270 30,640 26,890 23,800 21,380 19,180 17,410 15,870 |
| 30.0 32.0 34.0 36.0 38.0 40.0 45.0 50.0 65.0 70.0 75.0 80.0 | 79.5 78.6 77.7 76.8 75.9 75.0 74.1 71.8 69.4 67.1 64.6 62.2 59.6 57.0 54.4 | 70,980 * 65,030 * 59,960 * 55,550 * 51,800 * 48,500 * 44,970 41,880 35,710 31,080 27,330 24,250 21,820 19,620 17,850 16,310 | 28.0 30.0 32.0 34.0 36.0 38.0 40.0 45.0 50.0 65.0 70.0 75.0 80.0 | 81.1 80.3 79.4 78.6 77.8 76.9 76.1 75.2 73.1 71.0 68.8 66.6 64.3 62.0 59.7 57.2 | 60,840 * 59,960 * 58,640 * 54,450 * 50,700 * 47,390 * 44,530 * 41,660 35,490 30,860 27,110 24,030 21,380 19,400 17,630 16,090 | 30.0 32.0 34.0 36.0 38.0 40.0 45.0 50.0 65.0 70.0 75.0 80.0 85.0 | 80.2 79.4 78.6 77.8 77.0 76.3 74.3 72.3 70.3 68.2 66.1 64.0 61.9 59.7 57.4 | 51,140 * 50,260 * 49,600 * 46,510 * 43,650 * 41,220 * 35,270 30,640 26,890 23,800 21,380 19,180 17,410 15,870 14,550 |
| 30.0 32.0 34.0 36.0 38.0 40.0 45.0 50.0 65.0 70.0 75.0 80.0 85.0 | 79.5 78.6 77.7 76.8 75.9 75.0 74.1 71.8 69.4 67.1 64.6 62.2 59.6 57.0 54.4 51.6 | 70,980 * 65,030 * 59,960 * 55,550 * 51,800 * 48,500 * 44,970 41,880 35,710 31,080 27,330 24,250 21,820 19,620 17,850 16,310 14,990 | 28.0 30.0 32.0 34.0 36.0 38.0 40.0 45.0 50.0 65.0 70.0 75.0 80.0 85.0 | 81.1 80.3 79.4 78.6 77.8 76.9 76.1 75.2 73.1 71.0 68.8 66.6 64.3 62.0 59.7 57.2 54.8 | 60,840 * 59,960 * 58,640 * 54,450 * 50,700 * 47,390 * 44,530 * 41,660 35,490 30,860 27,110 24,030 21,380 19,400 17,630 16,090 14,770 | 30.0 32.0 34.0 36.0 38.0 40.0 45.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0 85.0 90.0 | 80.2 79.4 78.6 77.8 77.0 76.3 74.3 72.3 70.3 68.2 66.1 64.0 61.9 59.7 57.4 | 51,140 * 50,260 * 49,600 * 46,510 * 43,650 * 41,220 * 35,270 30,640 26,890 23,800 21,380 19,180 17,410 15,870 14,550 13,440 |
| 30.0 32.0 34.0 36.0 38.0 40.0 45.0 50.0 65.0 70.0 75.0 80.0 85.0 90.0 | 79.5 78.6 77.7 76.8 75.9 75.0 74.1 71.8 69.4 67.1 64.6 62.2 59.6 57.0 54.4 51.6 48.7 | 70,980 * 65,030 * 59,960 * 55,550 * 51,800 * 48,500 * 44,970 41,880 35,710 31,080 27,330 24,250 21,820 19,620 17,850 16,310 14,990 13,880 | 28.0 30.0 32.0 34.0 36.0 38.0 40.0 45.0 50.0 65.0 70.0 75.0 80.0 85.0 90.0 | 81.1 80.3 79.4 78.6 77.8 76.9 76.1 75.2 73.1 71.0 68.8 66.6 64.3 62.0 59.7 57.2 54.8 52.2 | 60,840 * 59,960 * 58,640 * 54,450 * 50,700 * 47,390 * 44,530 * 41,660 35,490 30,860 27,110 24,030 21,380 19,400 17,630 16,090 14,770 13,440 | 30.0 32.0 34.0 36.0 38.0 40.0 45.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0 85.0 90.0 | 80.2 79.4 78.6 77.8 77.0 76.3 74.3 72.3 70.3 68.2 66.1 64.0 61.9 59.7 57.4 55.1 | 51,140 * 50,260 * 49,600 * 46,510 * 43,650 * 41,220 * 35,270 30,640 26,890 23,800 21,380 19,180 17,410 15,870 14,550 13,440 12,340 |
| 30.0 32.0 34.0 36.0 38.0 40.0 45.0 50.0 65.0 70.0 75.0 80.0 85.0 90.0 | 79.5 78.6 77.7 76.8 75.9 75.0 74.1 71.8 69.4 67.1 64.6 62.2 59.6 57.0 54.4 51.6 48.7 45.7 | 70,980 * 65,030 * 59,960 * 55,550 * 51,800 * 48,500 * 44,970 41,880 35,710 31,080 27,330 24,250 21,820 19,620 17,850 16,310 14,990 13,880 12,780 | 28.0 30.0 32.0 34.0 36.0 38.0 40.0 45.0 50.0 65.0 70.0 75.0 80.0 85.0 90.0 | 81.1 80.3 79.4 78.6 77.8 76.9 76.1 75.2 73.1 71.0 68.8 66.6 64.3 62.0 59.7 57.2 54.8 52.2 49.6 | 60,840 * 59,960 * 58,640 * 54,450 * 50,700 * 47,390 * 44,530 * 41,660 35,490 30,860 27,110 24,030 21,380 19,400 17,630 16,090 14,770 13,440 12,560 | 30.0 32.0 34.0 36.0 38.0 40.0 45.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0 85.0 90.0 | 80.2 79.4 78.6 77.8 77.0 76.3 74.3 72.3 70.3 68.2 66.1 64.0 61.9 59.7 57.4 55.1 52.8 50.3 | 51,140 * 50,260 * 49,600 * 46,510 * 43,650 * 41,220 * 35,270 30,640 26,890 23,800 21,380 19,180 17,410 15,870 14,550 13,440 12,340 11,460 |
| 30.0 32.0 34.0 36.0 38.0 40.0 45.0 50.0 65.0 70.0 75.0 80.0 85.0 90.0 95.0 100.0 | 79.5 78.6 77.7 76.8 75.9 75.0 74.1 71.8 69.4 67.1 64.6 62.2 59.6 57.0 54.4 51.6 48.7 45.7 | 70,980 * 65,030 * 59,960 * 55,550 * 51,800 * 48,500 * 44,970 41,880 35,710 31,080 27,330 24,250 21,820 19,620 17,850 16,310 14,990 13,880 12,780 11,900 | 28.0 30.0 32.0 34.0 36.0 38.0 40.0 45.0 50.0 65.0 70.0 75.0 80.0 85.0 90.0 95.0 100.0 | 81.1 80.3 79.4 78.6 77.8 76.9 76.1 75.2 73.1 71.0 68.8 66.6 64.3 62.0 59.7 57.2 54.8 52.2 49.6 46.8 | 60,840 * 59,960 * 58,640 * 54,450 * 50,700 * 47,390 * 44,530 * 41,660 35,490 30,860 27,110 24,030 21,380 19,400 17,630 16,090 14,770 13,440 12,560 11,460 10,800 | 30.0 32.0 34.0 36.0 38.0 40.0 45.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0 85.0 90.0 95.0 100.0 | 80.2 79.4 78.6 77.8 77.0 76.3 74.3 72.3 70.3 68.2 66.1 64.0 61.9 59.7 57.4 55.1 52.8 50.3 47.8 | 51,140 * 50,260 * 49,600 * 46,510 * 43,650 * 41,220 * 35,270 30,640 26,890 23,800 21,380 19,180 17,410 15,870 14,550 13,440 12,340 11,460 10,580 9,700 |
| 30.0 32.0 34.0 36.0 38.0 40.0 45.0 50.0 65.0 70.0 75.0 80.0 85.0 90.0 95.0 | 79.5 78.6 77.7 76.8 75.9 75.0 74.1 71.8 69.4 67.1 64.6 62.2 59.6 57.0 54.4 51.6 48.7 45.7 42.5 39.1 | 70,980 * 65,030 * 59,960 * 55,550 * 51,800 * 48,500 * 44,970 41,880 35,710 31,080 27,330 24,250 21,820 19,620 17,850 16,310 14,990 13,880 12,780 11,900 11,020 | 28.0 30.0 32.0 34.0 36.0 38.0 40.0 45.0 50.0 65.0 70.0 75.0 80.0 85.0 90.0 95.0 100.0 105.0 | 81.1 80.3 79.4 78.6 77.8 76.9 76.1 75.2 73.1 71.0 68.8 66.6 64.3 62.0 59.7 57.2 54.8 52.2 49.6 46.8 43.9 | 60,840 * 59,960 * 58,640 * 54,450 * 50,700 * 47,390 * 44,530 * 41,660 35,490 30,860 27,110 24,030 21,380 19,400 17,630 16,090 14,770 13,440 12,560 11,460 10,800 9,920 | 30.0 32.0 34.0 36.0 38.0 40.0 45.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0 85.0 90.0 95.0 100.0 105.0 110.0 | 80.2 79.4 78.6 77.8 77.0 76.3 74.3 72.3 70.3 68.2 66.1 64.0 61.9 59.7 57.4 55.1 52.8 50.3 47.8 45.1 42.3 | 51,140 * 50,260 * 49,600 * 46,510 * 43,650 * 41,220 * 35,270 30,640 26,890 23,800 21,380 19,180 17,410 15,870 14,550 13,440 12,340 11,460 10,580 9,700 9,030 |
| 30.0 32.0 34.0 36.0 38.0 40.0 45.0 50.0 65.0 70.0 75.0 80.0 85.0 90.0 95.0 100.0 105.0 110.0 | 79.5 78.6 77.7 76.8 75.9 75.0 74.1 71.8 69.4 67.1 64.6 62.2 59.6 57.0 54.4 51.6 48.7 45.7 42.5 39.1 35.4 | 70,980 * 65,030 * 59,960 * 55,550 * 51,800 * 48,500 * 44,970 41,880 35,710 31,080 27,330 24,250 21,820 19,620 17,850 16,310 14,990 13,880 12,780 11,900 11,020 10,360 | 28.0 30.0 32.0 34.0 36.0 38.0 40.0 45.0 50.0 65.0 70.0 75.0 80.0 85.0 90.0 95.0 100.0 105.0 110.0 | 81.1 80.3 79.4 78.6 77.8 76.9 76.1 75.2 73.1 71.0 68.8 66.6 64.3 62.0 59.7 57.2 54.8 52.2 49.6 46.8 43.9 40.9 37.6 | 60,840 * 59,960 * 58,640 * 54,450 * 50,700 * 47,390 * 44,530 * 41,660 35,490 30,860 27,110 24,030 21,380 19,400 17,630 16,090 14,770 13,440 12,560 11,460 10,800 | 30.0 32.0 34.0 36.0 38.0 40.0 45.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0 85.0 90.0 95.0 100.0 110.0 115.0 | 80.2 79.4 78.6 77.8 77.0 76.3 74.3 72.3 70.3 68.2 66.1 64.0 61.9 59.7 57.4 55.1 52.8 50.3 47.8 45.1 42.3 39.4 | 51,140 * 50,260 * 49,600 * 46,510 * 43,650 * 41,220 * 35,270 30,640 26,890 23,800 21,380 19,180 17,410 15,870 14,550 13,440 12,340 11,460 10,580 9,700 9,030 8,590 |
| 30.0 32.0 34.0 36.0 38.0 40.0 45.0 50.0 65.0 70.0 75.0 80.0 85.0 90.0 95.0 100.0 105.0 110.0 115.0 120.0 | 79.5 78.6 77.7 76.8 75.9 75.0 74.1 71.8 69.4 67.1 64.6 62.2 59.6 57.0 54.4 51.6 48.7 45.7 42.5 39.1 35.4 31.4 26.8 | 70,980 * 65,030 * 59,960 * 55,550 * 51,800 * 48,500 * 44,970 41,880 35,710 31,080 27,330 24,250 21,820 19,620 17,850 16,310 14,990 13,880 12,780 11,900 11,020 10,360 9,470 * 8,370 * | 28.0 30.0 32.0 34.0 36.0 38.0 40.0 45.0 50.0 65.0 70.0 75.0 80.0 95.0 100.0 105.0 110.0 115.0 | 81.1 80.3 79.4 78.6 77.8 76.9 76.1 75.2 73.1 71.0 68.8 66.6 64.3 62.0 59.7 57.2 54.8 52.2 49.6 46.8 43.9 40.9 37.6 34.1 | 60,840 * 59,960 * 58,640 * 54,450 * 50,700 * 47,390 * 44,530 * 41,660 35,490 30,860 27,110 24,030 21,380 19,400 17,630 16,090 14,770 13,440 12,560 11,460 10,800 9,920 9,250 | 30.0 32.0 34.0 36.0 38.0 40.0 45.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0 85.0 90.0 95.0 100.0 115.0 115.0 120.0 | 80.2 79.4 78.6 77.8 77.0 76.3 74.3 72.3 70.3 68.2 66.1 64.0 61.9 59.7 57.4 55.1 52.8 50.3 47.8 45.1 42.3 39.4 36.3 | 51,140 * 50,260 * 49,600 * 46,510 * 43,650 * 41,220 * 35,270 30,640 26,890 23,800 21,380 19,180 17,410 15,870 14,550 13,440 12,340 11,460 10,580 9,700 9,030 8,590 7,930 |
| 30.0 32.0 34.0 36.0 38.0 40.0 45.0 50.0 65.0 70.0 75.0 80.0 85.0 90.0 95.0 100.0 105.0 110.0 | 79.5 78.6 77.7 76.8 75.9 75.0 74.1 71.8 69.4 67.1 64.6 62.2 59.6 57.0 54.4 51.6 48.7 45.7 42.5 39.1 35.4 31.4 | 70,980 * 65,030 * 59,960 * 55,550 * 51,800 * 48,500 * 44,970 41,880 35,710 31,080 27,330 24,250 21,820 19,620 17,850 16,310 14,990 13,880 12,780 11,900 11,020 10,360 9,470 * | 28.0 30.0 32.0 34.0 36.0 38.0 40.0 45.0 50.0 65.0 70.0 75.0 80.0 85.0 90.0 95.0 100.0 115.0 115.0 120.0 | 81.1 80.3 79.4 78.6 77.8 76.9 76.1 75.2 73.1 71.0 68.8 66.6 64.3 62.0 59.7 57.2 54.8 52.2 49.6 46.8 43.9 40.9 37.6 | 60,840 * 59,960 * 58,640 * 54,450 * 50,700 * 47,390 * 44,530 * 41,660 35,490 30,860 27,110 24,030 21,380 19,400 17,630 16,090 14,770 13,440 12,560 11,460 10,800 9,920 9,250 8,590 | 30.0 32.0 34.0 36.0 38.0 40.0 45.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0 85.0 90.0 95.0 100.0 115.0 115.0 120.0 125.0 | 80.2 79.4 78.6 77.8 77.0 76.3 74.3 72.3 70.3 68.2 66.1 64.0 61.9 59.7 57.4 55.1 52.8 50.3 47.8 45.1 42.3 39.4 | 51,140 * 50,260 * 49,600 * 46,510 * 43,650 * 41,220 * 35,270 30,640 26,890 23,800 21,380 19,180 17,410 15,870 14,550 13,440 12,340 11,460 10,580 9,700 9,030 8,590 |

CK1000-III

Main Boom Rated Loads in Pounds

3 Counterweights + 2 Low Weights - Crawlers fully extended

| TOO D | oom | | 170' B | oom | | 180' B | oom | |
|---|---|--|--|---|---|--|---|--|
| Load | Boom | 360° | Load | Boom | 360° | Load | Boom | 360° |
| Radius | Angle | Rated Load | Radius | Angle | Rated Load | Radius | Angle | Rated Load |
| (ft) | (deg.) | (lbs) | (ft) | (deg.) | (lbs) | (ft) | (deg.) | (lbs) |
| 28.0 | 81.5 | 44,090 * | 28.0 | 82.0 | 38,800 * | 30.0 | 81.8 | 33,730 * |
| 30.0 | 80.8 | 43,430 * | 30.0 | 81.3 | 38,130 * | 32.0 | 81.2 | 33,060 * |
| 32.0 | 80.1 | 42,760 * | 32.0 | 80.6 | 37,470 * | 34.0 | 80.5 | 32,620 * |
| 34.0 | 79.3 | 42,100 * | 34.0 | 80.0 | 37,030 * | 36.0 | 79.9 | 31,960 * |
| 36.0 | 78.6 | 41,440 * | 36.0 | 79.3 | 36,370 * | 38.0 | 79.2 | 31,520 * |
| 38.0 | 77.9 | 40,780 * | 38.0 | 78.6 | 35,710 * | 40.0 | 78.6 | 31,080 * |
| 40.0 | 77.1 | 40,340 * | 40.0 | 77.9 | 35,270 * | 45.0 | 77.0 | 29,760 * |
| 45.0 | 75.3 | 35,270 | 45.0 | 76.2 | 33,950 * | 50.0 | 75.3 | 28,650 * |
| 50.0 | 73.4 | 30,640 | 50.0 | 74.4 | 30,420 | 55.0 | 73.7 | 26,230 |
| 55.0 | 71.5 | 26,890 | 55.0 | 72.7 | 26,670 | 60.0 | 72.0 | 23,360 |
| 60.0 | 69.6 | 23,800 | 60.0 | 70.9 | 23,580 | 65.0 | 70.3 | 20,720 |
| 65.0 | 67.7 | 21,160 | 65.0 | 69.1 | 20,940 | 70.0 | 68.6 | 18,730 |
| 70.0 | 65.8 | 19,180 | 70.0 | 67.3 | 18,950 | 75.0 | 66.9 | 16,750 |
| 75.0 | 63.8 | 17,410 | 75.0 | 65.4 | 17,190 | 80.0 | 65.1 | 15,210 |
| 80.0 85.0 | 61.8 59.7 | 15,870 14,320 | 80.0 85.0 | 63.6 61.7 | 15,650 14,100 | 85.0 90.0 | 63.4 61.6 | 13,880 12,780 |
| | | | | | | | | |
| 90.0 | 57.6 | 13,220 | 90.0 | 59.7 | 13,000 | 95.0 | 59.7 | 11,680 |
| 95.0 100.0 | 55.4 53.2 | 12,120 11,240 | 95.0 100.0 | 57.7 55.7 | 11,900 11,020 | 100.0 105.0 | 57.9 56.0 | 10,800 9,920 |
| 100.0 | 53.2 51.0 | 11,240 | 100.0 | 55.7 53.6 | 11,020 | 105.0 | 56.0 54.0 | 9,920 |
| 110.0 | 48.6 | 9,700 | 110.0 | 51.5 | 9,470 | 115.0 | 54.0 52.0 | 8,370 |
| 115.0 | 46.0 | 9,030 | 115.0 | 49.3 | 9,470 8,810 | 120.0 | 50.0 | 7,710 |
| 120.0 | 43.6 | 9,030 8,370 | 120.0 | 49.3 | 8,150 | 125.0 | 47.8 | 7,710 |
| 125.0 | 40.9 | 7,710 | 125.0 | 44.7 | 7,490 | 130.0 | 47.6 45.6 | 6,830 |
| 130.0 | 38.1 | 7,710 | 130.0 | 42.2 | 7,490 | 135.0 | 43.4 | 6,170 |
| 135.0 | 35.1 | 6,830 * | 135.0 | 39.6 | 6,610 | 140.0 | 41.0 | 5,730 |
| 140.0 | 31.8 | 5,950 * | 140.0 | 36.9 | 6,170 * | 145.0 | 38.5 | 5,290 * |
| 145.0 | 28.2 | 5,290 * | 145.0 | 34.0 | 5,510 * | 150.0 | 35.8 | 4,850 * |
| 150.0 | 24.1 | 4,400 * | 150.0 | 30.8 | 4,850 * | 155.0 | 33.0 | 4,180 * |
| 100.0 | 27.1 | 4,400 | 155.0 | 27.3 | 4,180 * | 160.0 | 29.9 | 3,520 * |
| l | | | | | · | | | |
| | | | 160.0 | 23.3 | 3,520 * | 165.0 | 26.5 | 3,080 * |
| 100' P | oom | | 160.0 | 23.3 | 3,520 * | | | 3,080 * |
| 190' B | | | | | · | 200' B | oom | |
| Load | Boom | 360° | Load | Boom | 360° | 200' B Load | oom Boom | 360° |
| Load Radius | Boom Angle | Rated Load | Load Radius | Boom Angle | 360° Rated Load | 200' B Load Radius | OOM Boom Angle | 360° Rated Load |
| Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load | Boom | 360° | 200' B Load | oom Boom | 360° |
| Load Radius (ft) 32.0 | Boom Angle (deg.) 81.6 | Rated Load (lbs) 29,540 * | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load | 200' B Load Radius (ft) | OOM Boom Angle | 360° Rated Load (lbs) 25,790 * |
| Load Radius (ft) | Boom Angle (deg.) | Rated Load (lbs) | Load Radius (ft) 155.0 160.0 | Boom Angle (deg.) 37.4 34.8 | 360° Rated Load (lbs) 4,180 * 3,740 * | 200¹ B Load Radius (ft) | Boom Angle (deg.) 81.5 80.9 | 360° Rated Load (lbs) 25,790 * 25,350 * |
| Load Radius (ft) 32.0 34.0 36.0 | Boom Angle (deg.) 81.6 81.0 80.4 | Rated Load (lbs) 29,540 * 28,880 * 28,430 * | Load Radius (ft) | Boom Angle (deg.) | 360° Rated Load (lbs) 4,180 * | 200' B Load Radius (ft) 34.0 36.0 38.0 | Boom Angle (deg.) 81.5 80.9 80.3 | 360° Rated Load (lbs) 25,790 * 25,350 * 24,910 * |
| Load Radius (ft) 32.0 34.0 36.0 38.0 | Boom Angle (deg.) 81.6 81.0 80.4 79.8 | Rated Load (lbs) 29,540 * 28,880 * 28,430 * 27,990 * | Load Radius (ft) 155.0 160.0 | Boom Angle (deg.) 37.4 34.8 | 360° Rated Load (lbs) 4,180 * 3,740 * | 200' B Load Radius (ft) 34.0 36.0 38.0 40.0 | Boom Angle (deg.) 81.5 80.9 80.3 79.7 | 360° Rated Load (lbs) 25,790 * 25,350 * 24,910 * 24,470 * |
| Load Radius (ft) 32.0 34.0 36.0 38.0 40.0 | Boom Angle (deg.) 81.6 81.0 80.4 79.8 79.2 | Rated Load (lbs) 29,540 * 28,880 * 28,430 * 27,990 * 27,550 * | Load Radius (ft) 155.0 160.0 | Boom Angle (deg.) 37.4 34.8 | 360° Rated Load (lbs) 4,180 * 3,740 * | 200' B Load Radius (ft) 34.0 36.0 38.0 40.0 45.0 | Boom Angle (deg.) 81.5 80.9 80.3 79.7 78.3 | 360° Rated Load (lbs) 25,790 * 25,350 * 24,910 * 24,470 * 23,360 * |
| Load Radius (ft) 32.0 34.0 36.0 38.0 40.0 45.0 | Boom Angle (deg.) 81.6 81.0 80.4 79.8 79.2 77.6 | Rated Load (lbs) 29,540 * 28,880 * 28,430 * 27,990 * 27,550 * 26,450 * | Load Radius (ft) 155.0 160.0 | Boom Angle (deg.) 37.4 34.8 | 360° Rated Load (lbs) 4,180 * 3,740 * | 200' B Load Radius (ft) 34.0 36.0 38.0 40.0 45.0 50.0 | Boom Angle (deg.) 81.5 80.9 80.3 79.7 78.3 76.8 | 360° Rated Load (lbs) 25,790 * 25,350 * 24,910 * 24,470 * 23,360 * 22,480 * |
| Load Radius (ft) 32.0 34.0 36.0 38.0 40.0 45.0 50.0 | Boom Angle (deg.) 81.6 81.0 80.4 79.8 79.2 77.6 76.1 | Rated Load (lbs) 29,540 * 28,880 * 28,430 * 27,990 * 27,550 * 26,450 * 25,350 * | Load Radius (ft) 155.0 160.0 | Boom Angle (deg.) 37.4 34.8 | 360° Rated Load (lbs) 4,180 * 3,740 * | 200' B Load Radius (ft) 34.0 36.0 38.0 40.0 45.0 50.0 55.0 | Boom Angle (deg.) 81.5 80.9 80.3 79.7 78.3 76.8 75.3 | 360° Rated Loac (lbs) 25,790 * 25,350 * 24,910 * 24,470 * 23,360 * 22,480 * 21,380 * |
| Load Radius (ft) 32.0 34.0 36.0 38.0 40.0 45.0 50.0 55.0 | Boom Angle (deg.) 81.6 81.0 80.4 79.8 79.2 77.6 76.1 74.5 | Rated Load (lbs) 29,540 * 28,880 * 28,430 * 27,990 * 27,550 * 26,450 * 25,350 * 24,250 * | Load Radius (ft) 155.0 160.0 | Boom Angle (deg.) 37.4 34.8 | 360° Rated Load (lbs) 4,180 * 3,740 * | 200' B Load Radius (ft) 34.0 36.0 38.0 40.0 45.0 50.0 55.0 60.0 | Boom Angle (deg.) 81.5 80.9 80.3 79.7 78.3 76.8 75.3 73.8 | 360° Rated Load (lbs) 25,790 * 25,350 * 24,910 * 24,470 * 23,360 * 22,480 * 21,380 * 19,840 * |
| Load Radius (ft) 32.0 34.0 36.0 38.0 40.0 45.0 50.0 55.0 60.0 | Boom Angle (deg.) 81.6 81.0 80.4 79.8 79.2 77.6 76.1 74.5 73.0 | Rated Load (lbs) 29,540 * 28,880 * 28,430 * 27,990 * 27,550 * 26,450 * 25,350 * 24,250 * 22,700 * | Load Radius (ft) 155.0 160.0 | Boom Angle (deg.) 37.4 34.8 | 360° Rated Load (lbs) 4,180 * 3,740 * | 200' B Load Radius (ft) 34.0 36.0 38.0 40.0 45.0 50.0 65.0 | Boom Angle (deg.) 81.5 80.9 80.3 79.7 78.3 76.8 75.3 73.8 72.3 | 360° Rated Loac (lbs) 25,790 * 25,350 * 24,910 * 24,470 * 23,360 * 22,480 * 21,380 * 19,840 * 18,510 * |
| Load Radius (ft) 32.0 34.0 36.0 38.0 40.0 45.0 50.0 55.0 60.0 65.0 | Boom Angle (deg.) 81.6 81.0 80.4 79.8 79.2 77.6 76.1 74.5 73.0 71.4 | Rated Load (lbs) 29,540 * 28,880 * 28,430 * 27,990 * 27,550 * 26,450 * 25,350 * 24,250 * 22,700 * 20,500 | Load Radius (ft) 155.0 160.0 | Boom Angle (deg.) 37.4 34.8 | 360° Rated Load (lbs) 4,180 * 3,740 * | 200' B Load Radius (ft) 34.0 36.0 38.0 40.0 45.0 50.0 65.0 70.0 | Boom Angle (deg.) 81.5 80.9 80.3 79.7 78.3 76.8 75.3 73.8 72.3 70.8 | 360° Rated Load (lbs) 25,790 * 25,350 * 24,910 * 24,470 * 23,360 * 22,480 * 21,380 * 19,840 * 18,510 * 16,970 * |
| Load Radius (ft) 32.0 34.0 36.0 38.0 40.0 45.0 50.0 55.0 60.0 65.0 70.0 | Boom Angle (deg.) 81.6 81.0 80.4 79.8 79.2 77.6 76.1 74.5 73.0 71.4 69.8 | Rated Load (lbs) 29,540 * 28,880 * 28,430 * 27,990 * 27,550 * 26,450 * 25,350 * 24,250 * 22,700 * 20,500 18,510 | Load Radius (ft) 155.0 160.0 | Boom Angle (deg.) 37.4 34.8 | 360° Rated Load (lbs) 4,180 * 3,740 * | 200' B Load Radius (ft) 34.0 36.0 38.0 40.0 45.0 50.0 65.0 70.0 75.0 | Boom Angle (deg.) 81.5 80.9 80.3 79.7 78.3 76.8 75.3 73.8 72.3 70.8 69.3 | 360° Rated Load (lbs) 25,790 * 25,350 * 24,910 * 24,470 * 23,360 * 22,480 * 21,380 * 19,840 * 18,510 * 16,970 * 15,650 * |
| Load Radius (ft) 32.0 34.0 36.0 38.0 40.0 45.0 50.0 65.0 70.0 75.0 | Boom Angle (deg.) 81.6 81.0 80.4 79.8 79.2 77.6 76.1 74.5 73.0 71.4 69.8 68.2 | Rated Load (lbs) 29,540 * 28,880 * 28,430 * 27,990 * 27,550 * 26,450 * 25,350 * 24,250 * 22,700 * 20,500 18,510 16,750 | Load Radius (ft) 155.0 160.0 | Boom Angle (deg.) 37.4 34.8 | 360° Rated Load (lbs) 4,180 * 3,740 * | 200' B Load Radius (ft) 34.0 36.0 38.0 40.0 45.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0 | Boom Angle (deg.) 81.5 80.9 80.3 79.7 78.3 76.8 75.3 73.8 72.3 70.8 69.3 67.8 | 360° Rated Load (lbs) 25,790 * 25,350 * 24,910 * 24,470 * 23,360 * 22,480 * 21,380 * 19,840 * 18,510 * 16,970 * 15,650 * 14,550 * |
| Load Radius (ft) 32.0 34.0 36.0 38.0 40.0 45.0 50.0 65.0 70.0 75.0 80.0 | Boom Angle (deg.) 81.6 81.0 80.4 79.8 79.2 77.6 76.1 74.5 73.0 71.4 69.8 68.2 66.5 | Rated Load (lbs) 29,540 * 28,880 * 28,430 * 27,990 * 27,550 * 26,450 * 25,350 * 24,250 * 22,700 * 20,500 18,510 16,750 15,210 | Load Radius (ft) 155.0 160.0 | Boom Angle (deg.) 37.4 34.8 | 360° Rated Load (lbs) 4,180 * 3,740 * | 200' B Load Radius (ft) 34.0 36.0 38.0 40.0 45.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0 85.0 | Boom Angle (deg.) 81.5 80.9 80.3 79.7 78.3 76.8 75.3 73.8 72.3 70.8 69.3 67.8 66.2 | 360° Rated Load (lbs) 25,790 * 25,350 * 24,910 * 24,470 * 23,360 * 22,480 * 21,380 * 19,840 * 18,510 * 16,970 * 15,650 * 14,550 * 13,440 |
| Load Radius (ft) 32.0 34.0 36.0 38.0 40.0 45.0 50.0 65.0 70.0 75.0 80.0 85.0 | Boom Angle (deg.) 81.6 81.0 80.4 79.8 79.2 77.6 76.1 74.5 73.0 71.4 69.8 68.2 66.5 64.9 | Rated Load (lbs) 29,540 * 28,880 * 28,430 * 27,990 * 27,550 * 26,450 * 25,350 * 24,250 * 22,700 * 20,500 18,510 16,750 15,210 13,660 | Load Radius (ft) 155.0 160.0 | Boom Angle (deg.) 37.4 34.8 | 360° Rated Load (lbs) 4,180 * 3,740 * | 200' B Load Radius (ft) 34.0 36.0 38.0 40.0 45.0 50.0 65.0 70.0 75.0 80.0 85.0 90.0 | Boom Angle (deg.) 81.5 80.9 80.3 79.7 78.3 76.8 75.3 73.8 72.3 70.8 69.3 67.8 66.2 64.6 | 360° Rated Load (lbs) 25,790 * 25,350 * 24,910 * 24,470 * 23,360 * 22,480 * 21,380 * 19,840 * 18,510 * 16,970 * 15,650 * 14,550 * 13,440 12,340 |
| Load Radius (ft) 32.0 34.0 36.0 38.0 40.0 45.0 50.0 65.0 70.0 75.0 80.0 85.0 90.0 | Boom Angle (deg.) 81.6 81.0 80.4 79.8 79.2 77.6 76.1 74.5 73.0 71.4 69.8 68.2 66.5 64.9 63.2 | Rated Load (lbs) 29,540 * 28,880 * 28,430 * 27,990 * 27,550 * 26,450 * 25,350 * 24,250 * 22,700 * 20,500 18,510 16,750 15,210 13,660 12,560 | Load Radius (ft) 155.0 160.0 | Boom Angle (deg.) 37.4 34.8 | 360° Rated Load (lbs) 4,180 * 3,740 * | 200' B Load Radius (ft) 34.0 36.0 38.0 40.0 45.0 50.0 65.0 70.0 75.0 80.0 85.0 90.0 95.0 | Boom Angle (deg.) 81.5 80.9 80.3 79.7 78.3 76.8 75.3 73.8 72.3 70.8 69.3 67.8 66.2 64.6 63.0 | 360° Rated Load (lbs) 25,790 * 25,350 * 24,910 * 24,470 * 23,360 * 22,480 * 21,380 * 19,840 * 16,970 * 15,650 * 14,550 * 13,440 12,340 11,240 |
| Load Radius (ft) 32.0 34.0 36.0 38.0 40.0 45.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0 85.0 90.0 | Boom Angle (deg.) 81.6 81.0 80.4 79.8 79.2 77.6 76.1 74.5 73.0 71.4 69.8 68.2 66.5 64.9 63.2 61.5 | Rated Load (lbs) 29,540 * 28,880 * 28,430 * 27,990 * 27,550 * 26,450 * 25,350 * 24,250 * 22,700 * 20,500 18,510 16,750 15,210 13,660 12,560 11,460 | Load Radius (ft) 155.0 160.0 | Boom Angle (deg.) 37.4 34.8 | 360° Rated Load (lbs) 4,180 * 3,740 * | 200' B Load Radius (ft) 34.0 36.0 38.0 40.0 45.0 50.0 65.0 70.0 75.0 80.0 85.0 90.0 95.0 100.0 | Boom Angle (deg.) 81.5 80.9 80.3 79.7 78.3 76.8 75.3 73.8 72.3 70.8 69.3 67.8 66.2 64.6 63.0 61.4 | 360° Rated Load (lbs) 25,790 * 25,350 * 24,910 * 24,470 * 23,360 * 22,480 * 21,380 * 19,840 * 16,970 * 15,650 * 14,550 * 13,440 12,340 11,240 10,360 |
| Load Radius (ft) 32.0 34.0 36.0 38.0 40.0 45.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0 85.0 90.0 95.0 100.0 | Boom Angle (deg.) 81.6 81.0 80.4 79.8 79.2 77.6 76.1 74.5 73.0 71.4 69.8 68.2 66.5 64.9 63.2 61.5 59.7 | Rated Load (lbs) 29,540 * 28,880 * 28,430 * 27,990 * 27,550 * 26,450 * 25,350 * 24,250 * 22,700 * 20,500 18,510 16,750 15,210 13,660 12,560 11,460 10,580 | Load Radius (ft) 155.0 160.0 | Boom Angle (deg.) 37.4 34.8 | 360° Rated Load (lbs) 4,180 * 3,740 * | 200' B Load Radius (ft) 34.0 36.0 38.0 40.0 45.0 50.0 65.0 70.0 75.0 80.0 85.0 90.0 95.0 100.0 105.0 | Boom Angle (deg.) 81.5 80.9 80.3 79.7 78.3 76.8 75.3 73.8 72.3 70.8 69.3 67.8 66.2 64.6 63.0 61.4 59.8 | 360° Rated Loac (lbs) 25,790 * 25,350 * 24,910 * 24,470 * 23,360 * 22,480 * 21,380 * 18,510 * 16,970 * 15,650 * 14,550 * 13,440 12,340 11,240 10,360 9,470 |
| Load Radius (ft) 32.0 34.0 36.0 38.0 40.0 45.0 50.0 65.0 60.0 65.0 70.0 75.0 80.0 85.0 90.0 95.0 100.0 105.0 | Boom Angle (deg.) 81.6 81.0 80.4 79.8 79.2 77.6 76.1 74.5 73.0 71.4 69.8 68.2 66.5 64.9 63.2 61.5 59.7 58.0 | Rated Load (lbs) 29,540 * 28,880 * 28,430 * 27,990 * 27,550 * 26,450 * 25,350 * 24,250 * 22,700 * 20,500 18,510 16,750 15,210 13,660 12,560 11,460 10,580 9,700 | Load Radius (ft) 155.0 160.0 | Boom Angle (deg.) 37.4 34.8 | 360° Rated Load (lbs) 4,180 * 3,740 * | 200' B Load Radius (ft) 34.0 36.0 38.0 40.0 45.0 50.0 65.0 70.0 75.0 80.0 85.0 90.0 95.0 100.0 105.0 110.0 | Boom Angle (deg.) 81.5 80.9 80.3 79.7 78.3 76.8 75.3 73.8 72.3 70.8 69.3 67.8 66.2 64.6 63.0 61.4 59.8 58.1 | 360° Rated Load (lbs) 25,790 * 25,350 * 24,910 * 24,470 * 23,360 * 22,480 * 21,380 * 18,510 * 16,970 * 15,650 * 14,550 * 13,440 12,340 11,240 10,360 9,470 8,590 |
| Load Radius (ft) 32.0 34.0 36.0 38.0 40.0 45.0 50.0 65.0 60.0 65.0 70.0 75.0 80.0 85.0 90.0 95.0 100.0 105.0 110.0 | Boom Angle (deg.) 81.6 81.0 80.4 79.8 79.2 77.6 76.1 74.5 73.0 71.4 69.8 68.2 66.5 64.9 63.2 61.5 59.7 58.0 56.2 | Rated Load (lbs) 29,540 * 28,880 * 28,430 * 27,990 * 27,550 * 26,450 * 25,350 * 24,250 * 22,700 * 20,500 18,510 16,750 15,210 13,660 12,560 11,460 10,580 9,700 9,030 | Load Radius (ft) 155.0 160.0 | Boom Angle (deg.) 37.4 34.8 | 360° Rated Load (lbs) 4,180 * 3,740 * | 200' B Load Radius (ft) 34.0 36.0 38.0 40.0 45.0 50.0 65.0 70.0 75.0 80.0 85.0 90.0 95.0 100.0 115.0 115.0 | Boom Angle (deg.) 81.5 80.9 80.3 79.7 78.3 76.8 75.3 73.8 72.3 70.8 69.3 67.8 66.2 64.6 63.0 61.4 59.8 58.1 56.4 | 360° Rated Load (lbs) 25,790 * 25,350 * 24,910 * 24,470 * 23,360 * 22,480 * 21,380 * 19,840 * 16,970 * 15,650 * 14,550 * 13,440 12,340 11,240 10,360 9,470 8,590 7,930 |
| Load Radius (ft) 32.0 34.0 36.0 38.0 40.0 45.0 50.0 65.0 60.0 65.0 70.0 75.0 80.0 85.0 90.0 95.0 100.0 110.0 115.0 | Boom Angle (deg.) 81.6 81.0 80.4 79.8 79.2 77.6 76.1 74.5 73.0 71.4 69.8 68.2 66.5 64.9 63.2 61.5 59.7 58.0 56.2 54.3 | Rated Load (lbs) 29,540 * 28,880 * 28,430 * 27,990 * 27,550 * 26,450 * 25,350 * 24,250 * 22,700 * 20,500 18,510 16,750 15,210 13,660 12,560 11,460 10,580 9,700 9,030 8,370 | Load Radius (ft) 155.0 160.0 | Boom Angle (deg.) 37.4 34.8 | 360° Rated Load (lbs) 4,180 * 3,740 * | 200' B Load Radius (ft) 34.0 36.0 38.0 40.0 45.0 50.0 65.0 70.0 75.0 80.0 85.0 90.0 95.0 100.0 115.0 115.0 120.0 | Boom Angle (deg.) 81.5 80.9 80.3 79.7 78.3 76.8 75.3 73.8 72.3 70.8 69.3 67.8 66.2 64.6 63.0 61.4 59.8 58.1 56.4 54.6 | 360° Rated Load (lbs) 25,790 * 25,350 * 24,910 * 24,470 * 23,360 * 22,480 * 21,380 * 19,840 * 16,970 * 15,650 * 14,550 * 13,440 12,340 11,240 10,360 9,470 8,590 7,930 7,270 |
| Load Radius (ft) 32.0 34.0 36.0 38.0 40.0 45.0 50.0 65.0 60.0 65.0 70.0 75.0 80.0 85.0 90.0 95.0 100.0 115.0 115.0 120.0 | Boom Angle (deg.) 81.6 81.0 80.4 79.8 79.2 77.6 76.1 74.5 73.0 71.4 69.8 68.2 66.5 64.9 63.2 61.5 59.7 58.0 56.2 54.3 52.5 | Rated Load (lbs) 29,540 * 28,880 * 28,430 * 27,990 * 27,550 * 26,450 * 25,350 * 24,250 * 22,700 * 20,500 18,510 16,750 15,210 13,660 12,560 11,460 10,580 9,700 9,030 8,370 7,710 | Load Radius (ft) 155.0 160.0 | Boom Angle (deg.) 37.4 34.8 | 360° Rated Load (lbs) 4,180 * 3,740 * | 200' B Load Radius (ft) 34.0 36.0 38.0 40.0 45.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0 85.0 90.0 95.0 100.0 115.0 115.0 120.0 125.0 | Boom Angle (deg.) 81.5 80.9 80.3 79.7 78.3 76.8 75.3 73.8 72.3 70.8 69.3 67.8 66.2 64.6 63.0 61.4 59.8 58.1 56.4 54.6 52.9 | 360° Rated Load (lbs) 25,790 * 25,350 * 24,910 * 24,470 * 23,360 * 22,480 * 19,840 * 18,510 * 16,970 * 15,650 * 14,550 * 13,440 12,340 11,240 10,360 9,470 8,590 7,930 7,270 6,610 * |
| Load Radius (ft) 32.0 34.0 36.0 38.0 40.0 45.0 50.0 65.0 70.0 75.0 80.0 85.0 90.0 95.0 100.0 115.0 115.0 120.0 125.0 | Boom Angle (deg.) 81.6 81.0 80.4 79.8 79.2 77.6 76.1 74.5 73.0 71.4 69.8 68.2 66.5 64.9 63.2 61.5 59.7 58.0 56.2 54.3 52.5 50.5 | Rated Load (lbs) 29,540 * 28,880 * 28,430 * 27,990 * 27,550 * 26,450 * 25,350 * 24,250 * 22,700 * 20,500 18,510 16,750 15,210 13,660 12,560 11,460 10,580 9,700 9,030 8,370 7,710 7,050 | Load Radius (ft) 155.0 160.0 | Boom Angle (deg.) 37.4 34.8 | 360° Rated Load (lbs) 4,180 * 3,740 * | 200' B Load Radius (ft) 34.0 36.0 38.0 40.0 45.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0 85.0 90.0 95.0 100.0 105.0 115.0 120.0 125.0 130.0 | Boom Angle (deg.) 81.5 80.9 80.3 79.7 78.3 76.8 75.3 73.8 72.3 70.8 69.3 67.8 66.2 64.6 63.0 61.4 59.8 58.1 56.4 54.6 52.9 51.0 | 360° Rated Load (lbs) 25,790 * 25,350 * 24,910 * 24,470 * 23,360 * 22,480 * 21,380 * 19,840 * 18,510 * 16,970 * 15,650 * 14,550 * 13,440 12,340 11,240 10,360 9,470 8,590 7,930 7,270 6,610 * 5,950 * |
| Load Radius (ft) 32.0 34.0 36.0 38.0 40.0 45.0 50.0 65.0 60.0 65.0 70.0 75.0 80.0 85.0 90.0 95.0 100.0 115.0 115.0 120.0 125.0 130.0 | Boom Angle (deg.) 81.6 81.0 80.4 79.8 79.2 77.6 76.1 74.5 73.0 71.4 69.8 68.2 66.5 64.9 63.2 61.5 59.7 58.0 56.2 54.3 52.5 50.5 48.5 | Rated Load (lbs) 29,540 * 28,880 * 28,430 * 27,990 * 27,550 * 26,450 * 25,350 * 24,250 * 22,700 * 20,500 18,510 16,750 15,210 13,660 12,560 11,460 10,580 9,700 9,700 9,030 8,370 7,710 7,050 6,610 | Load Radius (ft) 155.0 160.0 | Boom Angle (deg.) 37.4 34.8 | 360° Rated Load (lbs) 4,180 * 3,740 * | 200' B Load Radius (ft) 34.0 36.0 38.0 40.0 45.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0 85.0 90.0 95.0 100.0 115.0 115.0 120.0 125.0 130.0 135.0 | Boom Angle (deg.) 81.5 80.9 80.3 79.7 78.3 76.8 75.3 73.8 72.3 70.8 69.3 67.8 66.2 64.6 63.0 61.4 59.8 58.1 56.4 54.6 52.9 51.0 49.2 | 360° Rated Loac (lbs) 25,790 * 25,350 * 24,910 * 24,470 * 23,360 * 22,480 * 21,380 * 19,840 * 18,510 * 16,970 * 15,650 * 14,550 * 13,440 12,340 11,240 10,360 9,470 8,590 7,930 7,270 6,610 * 5,950 * 5,290 * |
| Load Radius (ft) 32.0 34.0 36.0 38.0 40.0 45.0 50.0 65.0 70.0 75.0 80.0 85.0 90.0 95.0 100.0 115.0 115.0 120.0 135.0 135.0 | Boom Angle (deg.) 81.6 81.0 80.4 79.8 79.2 77.6 76.1 74.5 73.0 71.4 69.8 68.2 66.5 64.9 63.2 61.5 59.7 58.0 56.2 54.3 52.5 50.5 48.5 46.5 | Rated Load (lbs) 29,540 * 28,880 * 28,430 * 27,990 * 27,550 * 26,450 * 25,350 * 24,250 * 22,700 * 20,500 18,510 16,750 15,210 13,660 12,560 11,460 10,580 9,700 9,030 8,370 7,710 7,050 6,610 6,170 | Load Radius (ft) 155.0 160.0 | Boom Angle (deg.) 37.4 34.8 | 360° Rated Load (lbs) 4,180 * 3,740 * | 200' B Load Radius (ft) 34.0 36.0 38.0 40.0 45.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0 85.0 90.0 95.0 100.0 115.0 115.0 125.0 130.0 135.0 140.0 | Boom Angle (deg.) 81.5 80.9 80.3 79.7 78.3 76.8 75.3 73.8 72.3 70.8 69.3 67.8 66.2 64.6 63.0 61.4 59.8 58.1 56.4 54.6 52.9 51.0 49.2 47.2 | 360° Rated Loac (lbs) 25,790 * 25,350 * 24,910 * 24,470 * 23,360 * 22,480 * 21,380 * 19,840 * 18,510 * 16,970 * 15,650 * 14,550 * 13,440 12,340 11,240 10,360 9,470 8,590 7,930 7,270 6,610 * 5,950 * 5,290 * 4,620 * |
| Load Radius (ft) 32.0 34.0 36.0 38.0 40.0 45.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0 85.0 90.0 95.0 100.0 115.0 115.0 120.0 125.0 130.0 | Boom Angle (deg.) 81.6 81.0 80.4 79.8 79.2 77.6 76.1 74.5 73.0 71.4 69.8 68.2 66.5 64.9 63.2 61.5 59.7 58.0 56.2 54.3 52.5 50.5 48.5 | Rated Load (lbs) 29,540 * 28,880 * 28,430 * 27,990 * 27,550 * 26,450 * 25,350 * 24,250 * 22,700 * 20,500 18,510 16,750 15,210 13,660 12,560 11,460 10,580 9,700 9,700 9,030 8,370 7,710 7,050 6,610 | Load Radius (ft) 155.0 160.0 | Boom Angle (deg.) 37.4 34.8 | 360° Rated Load (lbs) 4,180 * 3,740 * | 200' B Load Radius (ft) 34.0 36.0 38.0 40.0 45.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0 85.0 90.0 95.0 100.0 115.0 115.0 120.0 125.0 130.0 135.0 | Boom Angle (deg.) 81.5 80.9 80.3 79.7 78.3 76.8 75.3 73.8 72.3 70.8 69.3 67.8 66.2 64.6 63.0 61.4 59.8 58.1 56.4 54.6 52.9 51.0 49.2 | 360° Rated Load (lbs) 25,790 * 25,350 * 24,910 * 24,470 * 23,360 * 22,480 * 21,380 * 19,840 * 18,510 * 16,970 * 15,650 * 14,550 * 13,440 12,340 11,240 10,360 9,470 8,590 7,930 7,270 6,610 * 5,950 * 5,290 * |

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