



MEGA CRANES LTD.



35-ton Capacity Chart

| Main Boom Preliminary Capacities – Outriggers Extended | | | | | | | | | | | | | | | | |
|--|--------|--------------------------------|--------|--------|-------------------------------|--------|--------|-------------------------------|--------|--------|-------------------------------|--------|-------|--------------------------------|--------|-------|
| Operating Radius | | Load Rating 30.5' (9.30m) Boom | | | Load Rating 52' (15.85m) Boom | | | Load Rating 68' (20.73m) Boom | | | Load Rating 84' (25.60m) Boom | | | Load Rating 100' (30.48m) Boom | | |
| Feet | Meters | Loaded Degree Angle | Lbs. | Kgs. | Loaded Degree Angle | Lbs. | Kgs. | Loaded Degree Angle | Lbs. | Kgs. | Loaded Degree Angle | Lbs. | Kgs. | Loaded Degree Angle | Lbs. | Kgs. |
| 5' | 1.52 | 74° | 70,000 | 31,752 | | | | | | | | | | | | |
| 8' | 2.44 | 68° | 52,350 | 23,746 | | | | | | | | | | | | |
| 10' | 3.05 | 64° | 45,780 | 20,765 | 76° | 27,100 | 12,292 | | | | | | | | | |
| 12' | 3.66 | 60° | 40,500 | 18,371 | 73° | 27,100 | 12,292 | 78° | 27,100 | 12,292 | | | | | | |
| 15' | 4.57 | 53° | 34,230 | 15,526 | 70° | 27,100 | 12,292 | 76° | 27,100 | 12,292 | 79° | 21,100 | 9,571 | | | |
| 20' | 6.10 | 40° | 24,680 | 11,195 | 64° | 24,210 | 10,981 | 71° | 22,000 | 9,979 | 76° | 18,500 | 8,391 | 79° | 14,500 | 6,577 |
| 25' | 7.62 | 20° | 18,840 | 8,546 | 58° | 19,340 | 8,772 | 67° | 18,600 | 8,437 | 72° | 15,780 | 7,158 | 76° | 12,670 | 5,747 |
| 30' | 9.14 | | | | 51° | 15,400 | 6,985 | 62° | 15,550 | 7,053 | 68° | 13,550 | 6,146 | 73° | 11,020 | 4,999 |
| 35' | 10.64 | | | | 43° | 12,070 | 5,475 | 57° | 12,250 | 5,557 | 65° | 11,760 | 5,334 | 70° | 9,730 | 4,413 |
| 40' | 12.19 | | | | 34° | 9,610 | 4,359 | 52° | 9,780 | 4,436 | 61° | 9,880 | 4,481 | 67° | 8,850 | 4,014 |
| 45' | 13.72 | | | | 22° | 7,600 | 3,447 | 46° | 7,780 | 3,529 | 57° | 7,900 | 3,583 | 63° | 7,850 | 3,561 |
| 50' | 15.24 | | | | | | | 39° | 6,270 | 2,844 | 52° | 6,380 | 2,894 | 60° | 6,450 | 2,926 |
| 55' | 16.76 | | | | | | | 32° | 5,100 | 2,313 | 48° | 5,210 | 2,363 | 57° | 5,280 | 2,395 |
| 60' | 18.29 | | | | | | | 22° | 4,180 | 1,896 | 43° | 4,270 | 1,937 | 53° | 4,340 | 1,969 |
| 65' | 19.81 | | | | | | | | | | 37° | 3,510 | 1,592 | 49° | 3,580 | 1,624 |
| 70' | 21.34 | | | | | | | | | | 30° | 2,880 | 1,306 | 45° | 2,940 | 1,334 |
| 75' | 22.86 | | | | | | | | | | 22° | 2,350 | 1,066 | 40° | 2,410 | 1,093 |
| 80' | 24.38 | | | | | | | | | | 7° | 1,890 | 857 | 35° | 1,950 | 885 |
| 85' | 25.91 | | | | | | | | | | | | | 30° | 1,560 | 708 |
| 90' | 27.43 | | | | | | | | | | | | | 23° | 1,210 | 549 |
| 95' | 28.96 | | | | | | | | | | | | | 11° | 910 | 413 |
| Deduction for Stowed Jib | | | | | | | | | | | | | | | | |
| Fixed Jib | | | 600 | 272 | | 350 | 159 | | 270 | 122 | | 220 | 100 | | 180 | 82 |
| Telescopic Jib | | | 900 | 408 | | 530 | 240 | | 400 | 181 | | 330 | 150 | | 290 | 132 |

WARNING: Before operating any Manitex crane, the operator must read and understand the owner's manual and other instructions for a specific serial number crane. This chart is only a guide. The notes and warnings are for illustration only and cannot be used to operate a crane.

The operating radius shown in the jib load rating chart is for fully extended boom only. When boom is not fully

| Preliminary Capacities—Outriggers Extended | | | | | | | | | | |
|--|--------|--------------------------------------|-------|-------|--------------------------------------|-------|-------------------------------------|---------------------|-------|-------|
| Operating Radius | | Fixed Jib Load Rating | | | Telescopic Jib Load Rating | | | | | |
| | | 30.5' (9.30m) Jib – All Boom Lengths | | | 30.5' (9.30m) Jib – All Boom Lengths | | 55' (16.76,) Jib – All Boom Lengths | | | |
| Feet | Meters | Loaded Degree Angle | Lbs. | Kgs. | Loaded Degree Angle | Lbs. | Kgs. | Loaded Degree Angle | Lbs. | Kgs. |
| 30' | 9.14 | 77° | 7,300 | 3,311 | 77° | 7,000 | 3,175 | | | |
| 35' | 10.67 | 75° | 6,900 | 3,130 | 75° | 6,500 | 2,948 | 78° | 4,000 | 1,814 |
| 40' | 12.19 | 73° | 6,280 | 2,849 | 73° | 5,900 | 2,676 | 76° | 3,850 | 1,746 |
| 45' | 13.72 | 71° | 5,720 | 2,595 | 71° | 5,350 | 2,427 | 74° | 3,700 | 1,678 |
| 50' | 15.24 | 69° | 5,230 | 2,372 | 69° | 4,850 | 2,200 | 73° | 3,550 | 1,610 |
| 55' | 16.76 | 66° | 4,780 | 2,168 | 66° | 4,380 | 1,987 | 71° | 3,310 | 1,501 |
| 60' | 18.29 | 64° | 4,370 | 1,982 | 64° | 3,960 | 1,796 | 69° | 3,090 | 1,402 |
| 65' | 19.81 | 61° | 3,870 | 1,755 | 61° | 3,460 | 1,569 | 67° | 2,900 | 1,315 |
| 70' | 21.34 | 59° | 3,230 | 1,465 | 59° | 2,810 | 1,275 | 65° | 2,710 | 1,229 |
| 75' | 22.86 | 56° | 2,680 | 1,216 | 56° | 2,270 | 1,030 | 63° | 2,550 | 1,157 |
| 80' | 24.38 | 53° | 2,210 | 1,002 | 53° | 1,800 | 816 | 61° | 2,400 | 1,089 |
| 85' | 25.91 | 50° | 1,810 | 821 | 50° | 1,400 | 635 | 59° | 2,100 | 953 |
| 90' | 27.43 | 47° | 1,460 | 662 | 47° | 1,050 | 476 | 57° | 1,740 | 789 |
| 95' | 28.96 | 44° | 1,150 | 522 | 44° | 740 | 336 | 54° | 1,420 | 644 |
| 100' | 30.48 | | | | | | | 52° | 1,140 | 517 |
| 105' | 32.00 | | | | | | | 49° | 890 | 404 |