

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220

LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250T

**JIB NO. 132 WITH 6 096 mm STRUT ON
BOOM NO. 44A WITH HEAVY LIFT TOP
80 560 kg CRANE COUNTERWEIGHT
360 DEGREE RATING
ON SPREAD OUTRIGGERS**

CHART SUPPLEMENTS BOOM CAPACITY CHART NO. 7630-AM. CAPACITIES FOR VARIOUS BOOM LENGTHS, JIB LENGTHS AND JIB OPERATING RADIUS ARE FOR FREELY SUSPENDED LOADS AND DO NOT EXCEED 85% OF A STATIC TIPPING LOAD. CAPACITIES BASED ON STRUCTURAL COMPETENCE ARE DENOTED BY AN ASTERISK (*). CAPACITIES INDICATED BY (b) REQUIRE 2 010 kg MINIMUM BLOCK WEIGHT WITH 4 PART HOIST LINE REEVING ON 12.2m JIB AND 3 PART ON 18.3m JIB.

82.3m THRU 91.4m BOOM LENGTHS REQUIRE ONLY THE MIDDLE 3 SHEAVES TO BE USED ON THE LOWER BOOM POINT. ALL OTHER SHEAVES MUST BE REMOVED FROM THE LOWER BOOM POINT.

WEIGHT OF ALL LOAD BLOCKS, HOOKS, WEIGHT BALL, SLINGS, HOIST LINES, ETC., BENEATH BOOM AND JIB POINT SHEAVES, IS CONSIDERED PART OF THE JIB LOAD. BOOM AND JIB ARE NOT TO BE LOWERED BEYOND RADIUS WHERE COMBINED WEIGHTS ARE GREATER THAN RATED CAPACITY. WHERE NO CAPACITY IS SHOWN, OPERATION IS NOT INTENDED OR APPROVED.

MACHINE TO OPERATE IN A LEVEL POSITION ON A FIRM UNIFORMLY SUPPORTING SURFACE WITH GANTRY UP AND OUTRIGGERS FULLY SPREAD AND SET. REFER TO BOOM RIGGING NO. 173379, JIB ASSEMBLY NO. 170429, NO. 173165 OR NO. 172693, WIRE ROPE SPECIFICATION CHART NO. 7632-A, AND OPERATING RANGE DIAGRAM CHART NO. 7636-A. CRANE OPERATOR JUDGMENT MUST BE USED TO ALLOW FOR DYNAMIC LOAD EFFECTS OF SWINGING, HOISTING OR LOWERING, WIND CONDITIONS, AS WELL AS ADVERSE OPERATING CONDITIONS AND PHYSICAL MACHINE DEPRECIATION.

MACHINE MAY BE OPERATED WITHIN WIND LIMITS SHOWN IN TABLE PROVIDED CRANE OPERATOR JUDGMENT IS USED TO ALLOW FOR WIND EFFECT ON THE LIFTED LOAD AND OTHER CONSIDERATIONS NOTED ON THE CAPACITY CHART ARE FOLLOWED. WIND WILL HAVE A CONSIDERABLE EFFECT ON A LOAD WITH A LARGE 'SAIL AREA' AND MUST BE COMPENSATED FOR ACCORDINGLY BY REDUCING LOAD RATINGS, REDUCING OPERATING SPEEDS OR BY A COMBINATION OF BOTH. RECOMMEND STOPPING OPERATION AND LOWERING BOOM AND JIB TO APPROXIMATELY 70 DEGREE BOOM ANGLE WHEN WIND EXCEEDS THOSE SHOWN IN TABLE TO PREVENT JIB BEING BLOWN OVER BACKWARDS. LOWER BOOM AND JIB TO GROUND WHEN WIND IS ABOVE 22 m/s.

OPERATING RADIUS IS THE HORIZONTAL DISTANCE FROM THE AXIS OF ROTATION TO THE CENTER OF VERTICAL HOIST LINE OR LOAD BLOCK. BOOM ANGLE IS THE ANGLE BETWEEN HORIZONTAL AND CENTERLINE OF BOOM BUTT AND INSERTS, AND IS AN INDICATION OF OPERATING RADIUS. IN ALL CASES, OPERATING RADIUS SHALL GOVERN CAPACITY. JIB POINT ELEVATION IS VERTICAL DISTANCE FROM GROUND LEVEL TO CENTERLINE OF JIB POINT SHAFT.

MACHINE EQUIPPED WITH MANITOWOC 16 X 8 CARRIER, 9 906 mm WHEELBASE, 2 610 mm FRONT AXLE TRACK, 2 610 mm REAR AXLE TRACK, 385/95 R 25 TIRES, 4 686 mm OUTRIGGERS, 8 534 mm RETRACTABLE GANTRY, 12 PART BOOM HOIST REEVING, FOUR 38 mm BOOM PENDANTS AND 80 560 kg COUNTERWEIGHT.

MAXIMUM CAPACITY ON 29 mm - 6 X 31 EIPS, IWRC IS 13 610 kg PER LINE.

| WIND LIMITS DURING OPERATION | | |
|------------------------------|-------------|-------------|
| MAXIMUM WIND VELOCITY | BOOM LENGTH | JIB LENGTH |
| m/s | METERS | METERS |
| 13 | 21.3 - 61.0 | --- |
| 11 | 64.0 - 73.2 | --- |
| 9 | 76.2 - 91.4 | --- |
| 11 | 39.6 - 64.0 | 12.2 - 24.4 |
| 9 | 67.1 - 76.2 | 12.2 - 24.4 |
| 7 | 79.2 | 12.2 - 18.3 |
| 11 | 39.6 - 61.0 | 30.5 - 36.6 |
| 9 | 64.0 - 70.1 | 30.5 - 36.6 |
| 9 | 73.2 | 30.5 |

| MAXIMUM BOOM AND JIB LENGTHS LIFTED UNASSISTED OVER SIDE OR REAR ON SPREAD OUTRIGGERS | |
|---|-------------|
| BOOM LGTH. | JIB NO. 132 |
| 91.4m | --- |
| 88.4m | --- |
| 85.3m | --- |
| 82.3m | --- |
| 79.2m | 18.3m |
| 76.2m | 24.4m |
| 73.2m | 30.5m |
| 70.1m | 36.6m |

LOAD BLOCK, HOOK AND WEIGHT BALL ON GROUND AT START. UPPER BOOM POINT CANNOT BE USED ON 91.4m BOOM.

12.2m (40 FT.) JIB

| BOOM LGTH. METERS | BOOM LGTH. FEET | JIB OPER. RADIUS METERS | 5 DEGREE OFFSET | | | 15 DEGREE OFFSET | | | 30 DEGREE OFFSET | | | JIB OPER. RADIUS METERS | |
|-------------------|-----------------|-------------------------|-----------------|------------------------|---------------------|------------------|------------------------|---------------------|------------------|------------------------|---------------------|-------------------------|------|
| | | | BOOM ANG. DEG. | JIB POINT ELEV. METERS | CAPACITY KI LOGRAMS | BOOM ANG. DEG. | JIB POINT ELEV. METERS | CAPACITY KI LOGRAMS | BOOM ANG. DEG. | JIB POINT ELEV. METERS | CAPACITY KI LOGRAMS | | |
| 39.6 | 130 | 12.2 | 80.4 | 54.3 | 45 300*b | | | | | | | 12.2 | |
| | | 14.0 | 78.4 | 54.0 | 42 300*b | | | | | | | 14.0 | |
| | | 16.0 | 76.2 | 53.4 | 39 800*b | 78.6 | 53.1 | 32 900*b | | | | | 16.0 |
| | | 18.0 | 73.9 | 52.8 | 37 600*b | 76.3 | 52.5 | 31 600*b | 78.7 | 51.8 | 25 300* | | 18.0 |
| | | 20.0 | 71.6 | 52.2 | 35 700*b | 74.0 | 51.8 | 30 300* | 76.3 | 51.1 | 24 200* | | 20.0 |
| | | 22.0 | 69.2 | 51.4 | 33 900*b | 71.6 | 51.0 | 29 200* | 73.9 | 50.3 | 23 200* | | 22.0 |
| | | 24.0 | 66.9 | 50.5 | 32 400*b | 69.2 | 50.2 | 28 200* | 71.5 | 49.4 | 22 300* | | 24.0 |
| | | 26.0 | 64.4 | 49.5 | 31 100*b | 66.7 | 49.2 | 27 300* | 69.0 | 48.4 | 21 400* | | 26.0 |
| | | 28.0 | 61.9 | 48.4 | 29 800* | 64.2 | 48.1 | 26 500* | 66.4 | 47.3 | 20 700* | | 28.0 |
| | | 30.0 | 59.4 | 47.2 | 28 700* | 61.7 | 46.9 | 25 800* | 63.8 | 46.0 | 20 000* | | 30.0 |
| | | 32.0 | 56.8 | 45.9 | 27 700* | 59.0 | 45.5 | 25 100* | 61.1 | 44.7 | 19 400* | | 32.0 |
| | | 34.0 | 54.1 | 44.4 | 26 800* | 56.3 | 44.1 | 24 500* | 58.3 | 43.1 | 18 800* | | 34.0 |
| | | 36.0 | 51.3 | 42.8 | 25 900* | 53.5 | 42.4 | 24 000* | 55.4 | 41.5 | 18 400* | | 36.0 |
| | | 38.0 | 48.3 | 41.0 | 25 200* | 50.5 | 40.6 | 23 500* | 52.4 | 39.6 | 17 900* | | 38.0 |
| | | 40.0 | 45.2 | 39.0 | 23 800* | 47.4 | 38.6 | 23 100* | 49.2 | 37.5 | 17 500* | | 40.0 |
| | | 44.0 | 38.5 | 34.3 | 20 400 | 40.5 | 33.8 | 20 700 | | | | | 44.0 |
| 48.0 | 30.4 | 28.1 | 17 700 | | | | | | | | 48.0 | | |

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12.2m (40 FT.) JIB

| BOOM LGTH. METERS | BOOM LGTH. FEET | JIB OPER. RADIUS METERS | 5 DEGREE OFFSET | | | 15 DEGREE OFFSET | | | 30 DEGREE OFFSET | | | JIB OPER. RADIUS METERS |
|-------------------|-----------------|-------------------------|-----------------|------------------------|--------------------|------------------|------------------------|--------------------|------------------|------------------------|--------------------|-------------------------|
| | | | BOOM ANG. DEG. | JIB POINT ELEV. METERS | CAPACITY KILOGRAMS | BOOM ANG. DEG. | JIB POINT ELEV. METERS | CAPACITY KILOGRAMS | BOOM ANG. DEG. | JIB POINT ELEV. METERS | CAPACITY KILOGRAMS | |
| 4 2 · 7 | 1 4 0 | 12.2 | 81.0 | 57.4 | 45 300*b | | | | | | | 12.2 |
| | | 14.0 | 79.1 | 57.1 | 43 100*b | | | | | | | 14.0 |
| | | 16.0 | 77.0 | 56.6 | 40 600*b | 79.2 | 56.3 | 33 300*b | | | | 16.0 |
| | | 18.0 | 74.8 | 56.0 | 38 400*b | 77.1 | 55.7 | 32 000*b | | | | 18.0 |
| | | 20.0 | 72.6 | 55.4 | 36 500*b | 74.9 | 55.1 | 30 800*b | 79.3 | 54.9 | 25 600* | 20.0 |
| | | 22.0 | 70.4 | 54.7 | 34 800*b | 72.7 | 54.3 | 29 700* | 74.9 | 53.5 | 23 500* | 22.0 |
| | | 24.0 | 68.2 | 53.8 | 33 200*b | 70.4 | 53.5 | 28 700* | 72.6 | 52.7 | 22 600* | 24.0 |
| | | 26.0 | 65.9 | 52.9 | 31 900*b | 68.1 | 52.6 | 27 800* | 70.3 | 51.8 | 21 800* | 26.0 |
| | | 28.0 | 63.6 | 51.9 | 30 600*b | 65.8 | 51.6 | 27 000* | 67.9 | 50.7 | 21 100* | 28.0 |
| | | 30.0 | 61.3 | 50.8 | 29 500* | 63.4 | 50.4 | 26 300* | 65.5 | 49.6 | 20 400* | 30.0 |
| | | 32.0 | 58.9 | 49.6 | 28 500* | 61.0 | 49.2 | 25 600* | 63.0 | 48.3 | 19 800* | 32.0 |
| | | 34.0 | 56.4 | 48.2 | 27 500* | 58.5 | 47.8 | 25 000* | 60.4 | 47.0 | 19 200* | 34.0 |
| 36.0 | 53.8 | 46.8 | 26 700* | 55.9 | 46.4 | 24 400* | 57.8 | 45.4 | 18 800* | 36.0 | | |
| 38.0 | 51.1 | 45.1 | 25 300 | 53.2 | 44.7 | 23 900* | 55.1 | 43.7 | 18 300* | 38.0 | | |
| 40.0 | 48.4 | 43.3 | 23 400 | 50.4 | 42.9 | 23 400* | 52.2 | 41.9 | 17 900* | 40.0 | | |
| 44.0 | 42.4 | 39.2 | 20 000 | 44.4 | 38.7 | 20 300 | 46.0 | 37.5 | 17 200* | 44.0 | | |
| 48.0 | 35.6 | 33.9 | 17 300 | 37.5 | 33.4 | 17 500 | | | | 48.0 | | |
| 4 5 · 7 | 1 5 0 | 13.7 | 80.0 | 60.3 | 44 200*b | | | | | | | 13.7 |
| | | 14.0 | 79.7 | 60.2 | 43 800*b | | | | | | | 14.0 |
| | | 16.0 | 77.7 | 59.7 | 41 400*b | 79.8 | 59.4 | 33 700*b | | | | 16.0 |
| | | 18.0 | 75.6 | 59.2 | 39 200*b | 77.8 | 58.9 | 32 400*b | | | | 18.0 |
| | | 20.0 | 73.6 | 58.6 | 37 300*b | 75.7 | 58.3 | 31 200*b | 77.8 | 57.5 | 24 800* | 20.0 |
| | | 22.0 | 71.5 | 57.9 | 35 600*b | 73.6 | 57.6 | 30 200* | 75.7 | 56.8 | 23 900* | 22.0 |
| | | 24.0 | 69.4 | 57.1 | 34 100*b | 71.5 | 56.8 | 29 200* | 73.6 | 56.0 | 23 000* | 24.0 |
| | | 26.0 | 67.3 | 56.3 | 32 700*b | 69.4 | 55.9 | 28 300* | 71.4 | 55.1 | 22 200* | 26.0 |
| | | 28.0 | 65.1 | 55.3 | 31 400*b | 67.2 | 55.0 | 27 500* | 69.2 | 54.2 | 21 500* | 28.0 |
| | | 30.0 | 62.9 | 54.3 | 30 300* | 65.0 | 53.9 | 26 700* | 66.9 | 53.1 | 20 800* | 30.0 |
| | | 32.0 | 60.7 | 53.2 | 29 200* | 62.7 | 52.8 | 26 000* | 64.6 | 51.9 | 20 200* | 32.0 |
| | | 34.0 | 58.4 | 51.9 | 28 300* | 60.4 | 51.5 | 25 400* | 62.3 | 50.6 | 19 600* | 34.0 |
| 36.0 | 56.0 | 50.5 | 27 100 | 58.0 | 50.2 | 24 900* | 59.8 | 49.2 | 19 100* | 36.0 | | |
| 38.0 | 53.5 | 49.1 | 25 000 | 55.5 | 48.6 | 24 300* | 57.3 | 47.7 | 18 700* | 38.0 | | |
| 40.0 | 51.0 | 47.4 | 23 000 | 53.0 | 47.0 | 23 500 | 54.7 | 46.0 | 18 200* | 40.0 | | |
| 44.0 | 45.7 | 43.7 | 19 700 | 47.6 | 43.2 | 20 000 | 49.2 | 42.1 | 17 500* | 44.0 | | |
| 48.0 | 39.7 | 39.1 | 17 000 | 41.5 | 38.6 | 17 200 | | | | 48.0 | | |
| 52.0 | 32.8 | 33.3 | 14 700 | 34.5 | 32.7 | 14 900 | | | | 52.0 | | |
| 4 8 · 8 | 1 6 0 | 13.7 | 80.5 | 63.4 | 44 900*b | | | | | | | 13.7 |
| | | 14.0 | 80.2 | 63.3 | 44 500*b | | | | | | | 14.0 |
| | | 16.0 | 78.3 | 62.9 | 42 100*b | | | | | | | 16.0 |
| | | 18.0 | 76.4 | 62.4 | 40 000*b | 78.4 | 62.0 | 32 800*b | | | | 18.0 |
| | | 20.0 | 74.4 | 61.8 | 38 100*b | 76.4 | 61.5 | 31 600*b | 78.5 | 60.7 | 25 200* | 20.0 |
| | | 22.0 | 72.5 | 61.1 | 36 300*b | 74.5 | 60.8 | 30 600*b | 76.5 | 60.0 | 24 200* | 22.0 |
| | | 24.0 | 70.5 | 60.4 | 34 800*b | 72.5 | 60.1 | 29 600* | 74.5 | 59.3 | 23 400* | 24.0 |
| | | 26.0 | 68.5 | 59.6 | 33 400*b | 70.5 | 59.3 | 28 800* | 72.4 | 58.4 | 22 600* | 26.0 |
| | | 28.0 | 66.4 | 58.7 | 32 200*b | 68.4 | 58.4 | 27 900* | 70.3 | 57.5 | 21 800* | 28.0 |
| | | 30.0 | 64.4 | 57.8 | 31 000*b | 66.3 | 57.4 | 27 200* | 68.2 | 56.5 | 21 200* | 30.0 |
| | | 32.0 | 62.3 | 56.7 | 29 900* | 64.2 | 56.3 | 26 500* | 66.1 | 55.4 | 20 600* | 32.0 |
| | | 34.0 | 60.1 | 55.5 | 28 900* | 62.0 | 55.1 | 25 900* | 63.9 | 54.3 | 20 000* | 34.0 |
| 36.0 | 57.9 | 54.2 | 26 900 | 59.8 | 53.9 | 25 300* | 61.6 | 53.0 | 19 500* | 36.0 | | |
| 38.0 | 55.7 | 52.9 | 24 600 | 57.5 | 52.5 | 24 700* | 59.3 | 51.5 | 19 000* | 38.0 | | |
| 40.0 | 53.3 | 51.4 | 22 600 | 55.2 | 50.9 | 23 100 | 56.9 | 50.0 | 18 600* | 40.0 | | |
| 44.0 | 48.4 | 47.9 | 19 300 | 50.3 | 47.5 | 19 600 | 51.8 | 46.5 | 17 800* | 44.0 | | |
| 48.0 | 43.1 | 43.8 | 16 600 | 44.9 | 43.4 | 16 800 | 46.3 | 42.2 | 17 000* | 48.0 | | |
| 52.0 | 37.2 | 38.9 | 14 300 | 38.8 | 38.3 | 14 500 | | | | 52.0 | | |
| 56.0 | 30.2 | 32.5 | 12 400 | | | | | | | 56.0 | | |

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|-------------------|-----------------|-------------------------|-----------------|------------------------|--------------------|------------------|------------------------|--------------------|------------------|------------------------|--------------------|-------------------------|
| | | | BOOM ANG. DEG. | JIB POINT ELEV. METERS | CAPACITY KILOGRAMS | BOOM ANG. DEG. | JIB POINT ELEV. METERS | CAPACITY KILOGRAMS | BOOM ANG. DEG. | JIB POINT ELEV. METERS | CAPACITY KILOGRAMS | |
| 51.8 | 17.0 | 13.7 | 80.9 | 66.5 | 45 300*b | | | | | | | 13.7 |
| | | 14.0 | 80.6 | 66.4 | 45 000*b | | | | | | | 14.0 |
| | | 16.0 | 78.8 | 66.0 | 42 800*b | | | | | | | 16.0 |
| | | 18.0 | 77.0 | 65.5 | 40 600*b | 79.0 | 65.2 | 33 100*b | | | | 18.0 |
| | | 20.0 | 75.2 | 65.0 | 38 800*b | 77.1 | 64.6 | 32 000*b | 79.1 | 63.8 | 25 500* | 20.0 |
| | | 22.0 | 73.3 | 64.4 | 37 000*b | 75.2 | 64.0 | 31 000*b | 77.2 | 63.2 | 24 600* | 22.0 |
| | | 24.0 | 71.4 | 63.7 | 35 500*b | 73.4 | 63.3 | 30 000* | 75.3 | 62.5 | 23 700* | 24.0 |
| | | 26.0 | 69.6 | 62.9 | 34 100*b | 71.5 | 62.6 | 29 200* | 73.3 | 61.7 | 22 900* | 26.0 |
| | | 28.0 | 67.6 | 62.1 | 32 900*b | 69.5 | 61.7 | 28 300* | 71.4 | 60.9 | 22 200* | 28.0 |
| | | 30.0 | 65.7 | 61.2 | 31 700*b | 67.6 | 60.8 | 27 600* | 69.4 | 59.9 | 21 500* | 30.0 |
| | | 32.0 | 63.7 | 60.1 | 30 700*b | 65.6 | 59.8 | 26 900* | 67.3 | 58.9 | 21 000* | 32.0 |
| | | 34.0 | 61.7 | 59.1 | 29 200 | 63.5 | 58.7 | 26 300* | 65.3 | 57.8 | 20 400* | 34.0 |
| | | 36.0 | 59.6 | 57.9 | 26 600 | 61.4 | 57.5 | 25 700* | 63.2 | 56.6 | 19 900* | 36.0 |
| | | 38.0 | 57.5 | 56.6 | 24 400 | 59.3 | 56.2 | 24 800 | 61.0 | 55.3 | 19 400* | 38.0 |
| | | 40.0 | 55.3 | 55.2 | 22 400 | 57.1 | 54.8 | 22 800 | 58.8 | 53.8 | 18 900* | 40.0 |
| | | 44.0 | 50.8 | 52.0 | 19 100 | 52.6 | 51.6 | 19 400 | 54.1 | 50.6 | 18 100* | 44.0 |
| 48.0 | 46.0 | 48.3 | 16 300 | 47.7 | 47.8 | 16 600 | 49.1 | 46.7 | 17 000 | 48.0 | | |
| 52.0 | 40.7 | 43.9 | 14 100 | 42.3 | 43.3 | 14 300 | | | | 52.0 | | |
| 56.0 | 34.7 | 38.4 | 12 200 | 36.3 | 37.8 | 12 300 | | | | 56.0 | | |
| 60.0 | 27.6 | 31.4 | 10 500 | | | | | | | 60.0 | | |
| 54.9 | 18.0 | 15.2 | 80.0 | 69.3 | 44 300*b | | | | | | | 15.2 |
| | | 16.0 | 79.3 | 69.1 | 43 400*b | | | | | | | 16.0 |
| | | 18.0 | 77.6 | 68.7 | 41 300*b | 79.5 | 68.3 | 33 500*b | | | | 18.0 |
| | | 20.0 | 75.9 | 68.1 | 39 500*b | 77.7 | 67.8 | 32 400*b | 79.6 | 67.0 | 25 700* | 20.0 |
| | | 22.0 | 74.1 | 67.6 | 37 800*b | 75.9 | 67.2 | 31 400*b | 77.8 | 66.4 | 24 800* | 22.0 |
| | | 24.0 | 72.3 | 66.9 | 36 200*b | 74.1 | 66.5 | 30 400* | 76.0 | 65.7 | 24 000* | 24.0 |
| | | 26.0 | 70.5 | 66.2 | 34 900*b | 72.3 | 65.8 | 29 500* | 74.1 | 65.0 | 23 200* | 26.0 |
| | | 28.0 | 68.7 | 65.4 | 33 600*b | 70.5 | 65.0 | 28 800* | 72.3 | 64.2 | 22 500* | 28.0 |
| | | 30.0 | 66.9 | 64.5 | 32 400*b | 68.6 | 64.1 | 28 000* | 70.4 | 63.3 | 21 900* | 30.0 |
| | | 32.0 | 65.0 | 63.6 | 31 300*b | 66.8 | 63.2 | 27 300* | 68.5 | 62.3 | 21 300* | 32.0 |
| | | 34.0 | 63.1 | 62.5 | 28 800b | 64.8 | 62.2 | 26 700* | 66.5 | 61.3 | 20 700* | 34.0 |
| | | 36.0 | 61.1 | 61.4 | 26 200 | 62.9 | 61.0 | 26 100* | 64.6 | 60.1 | 20 200* | 36.0 |
| | | 38.0 | 59.2 | 60.2 | 24 000 | 60.9 | 59.8 | 24 500 | 62.5 | 58.9 | 19 700* | 38.0 |
| | | 40.0 | 57.1 | 58.9 | 22 000 | 58.9 | 58.5 | 22 500 | 60.5 | 57.6 | 19 200* | 40.0 |
| | | 44.0 | 52.9 | 56.0 | 18 700 | 54.6 | 55.5 | 19 100 | 56.2 | 54.6 | 18 500* | 44.0 |
| | | 48.0 | 48.5 | 52.5 | 16 000 | 50.1 | 52.1 | 16 300 | 51.6 | 51.0 | 16 600 | 48.0 |
| 52.0 | 43.7 | 48.5 | 13 700 | 45.3 | 48.0 | 14 000 | 46.6 | 46.9 | 14 200 | 52.0 | | |
| 56.0 | 38.4 | 43.7 | 11 800 | 39.9 | 43.1 | 12 000 | | | | 56.0 | | |
| 60.0 | 32.3 | 37.8 | 10 100 | 33.8 | 37.1 | 10 300 | | | | 60.0 | | |
| 57.9 | 19.0 | 15.2 | 80.5 | 72.4 | 44 900*b | | | | | | | 15.2 |
| | | 16.0 | 79.8 | 72.2 | 44 000*b | | | | | | | 16.0 |
| | | 18.0 | 78.2 | 71.8 | 41 900*b | 79.9 | 71.4 | 33 800*b | | | | 18.0 |
| | | 20.0 | 76.5 | 71.3 | 40 100*b | 78.3 | 70.9 | 32 700*b | 80.0 | 70.1 | 25 900* | 20.0 |
| | | 22.0 | 74.8 | 70.7 | 38 400*b | 76.6 | 70.4 | 31 700*b | 78.3 | 69.6 | 25 100* | 22.0 |
| | | 24.0 | 73.1 | 70.1 | 36 900*b | 74.9 | 69.8 | 30 800* | 76.6 | 68.9 | 24 300* | 24.0 |
| | | 26.0 | 71.4 | 69.4 | 35 500*b | 73.1 | 69.1 | 29 900* | 74.9 | 68.2 | 23 500* | 26.0 |
| | | 28.0 | 69.7 | 68.7 | 34 200*b | 71.4 | 68.3 | 29 100* | 73.1 | 67.5 | 22 800* | 28.0 |
| | | 30.0 | 67.9 | 67.8 | 33 100*b | 69.6 | 67.5 | 28 400* | 71.3 | 66.6 | 22 200* | 30.0 |
| | | 32.0 | 66.1 | 66.9 | 31 300b | 67.8 | 66.6 | 27 700* | 69.5 | 65.7 | 21 600* | 32.0 |
| | | 34.0 | 64.3 | 66.0 | 28 400b | 66.0 | 65.6 | 27 100* | 67.7 | 64.7 | 21 000* | 34.0 |
| | | 36.0 | 62.5 | 64.9 | 25 900 | 64.2 | 64.5 | 26 200 | 65.8 | 63.6 | 20 500* | 36.0 |
| | | 38.0 | 60.6 | 63.8 | 23 700 | 62.3 | 63.4 | 24 200 | 63.9 | 62.5 | 20 000* | 38.0 |
| | | 40.0 | 58.7 | 62.5 | 21 700 | 60.4 | 62.1 | 22 200 | 61.9 | 61.2 | 19 600* | 40.0 |
| | | 44.0 | 54.8 | 59.8 | 18 400 | 56.4 | 59.4 | 18 800 | 57.9 | 58.4 | 18 800* | 44.0 |
| | | 48.0 | 50.7 | 56.6 | 15 600 | 52.3 | 56.2 | 16 000 | 53.7 | 55.1 | 16 300 | 48.0 |
| 52.0 | 46.3 | 52.9 | 13 400 | 47.8 | 52.4 | 13 600 | 49.1 | 51.3 | 13 900 | 52.0 | | |
| 56.0 | 41.5 | 48.6 | 11 500 | 43.0 | 48.0 | 11 700 | 44.2 | 46.8 | 11 900 | 56.0 | | |
| 60.0 | 36.2 | 43.4 | 9 800 | 37.6 | 42.8 | 10 000 | | | | 60.0 | | |
| 64.0 | 30.0 | 36.9 | 8 400 | 31.3 | 36.2 | 8 500 | | | | 64.0 | | |

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220

LIFT CRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250T

JIB NO. 132 WITH 6 096 mm STRUT ON
BOOM NO. 44A WITH HEAVY LIFT TOP
80 560 kg CRANE COUNTERWEIGHT
360 DEGREE RATING
ON SPREAD OUTRIGGERS

12.2m (40 FT.) JIB

| BOOM LGTH. METERS | BOOM LGTH. FEET | JIB OPER. RADIUS METERS | 5 DEGREE OFFSET | | | 15 DEGREE OFFSET | | | 30 DEGREE OFFSET | | | JIB OPER. RADIUS METERS |
|-------------------|-----------------|-------------------------|-----------------|------------------------|--------------------|------------------|------------------------|--------------------|------------------|------------------------|--------------------|-------------------------|
| | | | BOOM ANG. DEG. | JIB POINT ELEV. METERS | CAPACITY KILOGRAMS | BOOM ANG. DEG. | JIB POINT ELEV. METERS | CAPACITY KILOGRAMS | BOOM ANG. DEG. | JIB POINT ELEV. METERS | CAPACITY KILOGRAMS | |
| 610 | 200 | 15.2 | 80.9 | 75.5 | 45 300*b | | | | | | | 15.2 |
| | | 16.0 | 80.2 | 75.3 | 44 500*b | | | | | | | 16.0 |
| | | 18.0 | 78.7 | 74.9 | 42 600*b | | | | | | | 18.0 |
| | | 20.0 | 77.1 | 74.4 | 40 700*b | 78.8 | 74.1 | 33 000*b | 80.5 | 73.3 | 26 100* | 20.0 |
| | | 22.0 | 75.5 | 73.9 | 39 100*b | 77.1 | 73.6 | 32 000*b | 78.8 | 72.7 | 25 400* | 22.0 |
| | | 24.0 | 73.8 | 73.3 | 37 500*b | 75.5 | 73.0 | 31 100*b | 77.2 | 72.1 | 24 500* | 24.0 |
| | | 26.0 | 72.2 | 72.7 | 36 100*b | 73.9 | 72.3 | 30 300* | 75.5 | 71.5 | 23 800* | 26.0 |
| | | 28.0 | 70.5 | 71.9 | 34 900*b | 72.2 | 71.6 | 29 500* | 73.8 | 70.7 | 23 100* | 28.0 |
| | | 30.0 | 68.9 | 71.2 | 33 700*b | 70.5 | 70.8 | 28 800* | 72.1 | 69.9 | 22 500* | 30.0 |
| | | 32.0 | 67.2 | 70.3 | 30 900b | 68.8 | 69.9 | 28 100* | 70.4 | 69.1 | 21 900* | 32.0 |
| | | 34.0 | 65.5 | 69.4 | 28 100b | 67.1 | 69.0 | 27 500* | 68.7 | 68.1 | 21 300* | 34.0 |
| | | 36.0 | 63.7 | 68.4 | 25 500 | 65.4 | 68.0 | 26 200 | 66.9 | 67.1 | 20 800* | 36.0 |
| | | 38.0 | 62.0 | 67.3 | 23 300 | 63.6 | 66.9 | 23 900 | 65.1 | 66.0 | 20 300* | 38.0 |
| | | 40.0 | 60.2 | 66.1 | 21 300 | 61.8 | 65.7 | 21 900 | 63.3 | 64.8 | 19 900* | 40.0 |
| | | 44.0 | 56.5 | 63.5 | 18 000 | 58.1 | 63.1 | 18 400 | 59.5 | 62.2 | 18 800 | 44.0 |
| | | 48.0 | 52.6 | 60.6 | 15 300 | 54.2 | 60.1 | 15 600 | 55.5 | 59.1 | 16 000 | 48.0 |
| | | 52.0 | 48.5 | 57.1 | 13 000 | 50.0 | 56.7 | 13 300 | 51.3 | 55.6 | 13 600 | 52.0 |
| | | 56.0 | 44.1 | 53.2 | 11 100 | 45.6 | 52.7 | 11 300 | 46.8 | 51.5 | 11 600 | 56.0 |
| 60.0 | 39.4 | 48.5 | 9 400 | 40.8 | 47.9 | 9 600 | | | | 60.0 | | |
| 64.0 | 34.0 | 42.9 | 8 000 | 35.4 | 42.2 | 8 200 | | | | 64.0 | | |
| 68.0 | 27.7 | 35.9 | 6 700 | | | | | | | 68.0 | | |
| 640 | 210 | 16.8 | 80.0 | 78.3 | 40 800*b | | | | | | | 16.8 |
| | | 18.0 | 79.1 | 78.0 | 40 800*b | | | | | | | 18.0 |
| | | 20.0 | 77.6 | 77.6 | 40 700*b | | | | | | | 20.0 |
| | | 22.0 | 76.0 | 77.1 | 39 700*b | 79.2 | 77.2 | 33 300*b | | | | 22.0 |
| | | 24.0 | 74.5 | 76.5 | 38 100*b | 77.7 | 76.7 | 32 300*b | 79.3 | 75.9 | 25 600* | 24.0 |
| | | 26.0 | 72.9 | 75.9 | 36 800*b | 76.1 | 76.1 | 31 400*b | 77.7 | 75.3 | 24 800* | 26.0 |
| | | 28.0 | 71.4 | 75.2 | 35 500*b | 74.5 | 75.5 | 30 600* | 76.1 | 74.7 | 24 000* | 28.0 |
| | | 30.0 | 69.8 | 74.4 | 33 900b | 73.0 | 74.8 | 29 800* | 74.5 | 74.0 | 23 400* | 30.0 |
| | | 32.0 | 68.1 | 73.6 | 30 800b | 71.4 | 74.1 | 29 100* | 72.9 | 73.2 | 22 800* | 32.0 |
| | | 34.0 | 66.5 | 72.7 | 27 900b | 69.7 | 73.2 | 28 400* | 71.3 | 72.4 | 22 200* | 34.0 |
| | | 36.0 | 64.9 | 71.8 | 25 400b | 68.1 | 72.4 | 27 700* | 69.6 | 71.5 | 21 600* | 36.0 |
| | | 38.0 | 63.2 | 70.8 | 23 200 | 66.4 | 71.4 | 26 200 | 67.9 | 70.5 | 21 100* | 38.0 |
| | | 40.0 | 61.5 | 69.7 | 21 200 | 64.7 | 70.4 | 23 800 | 66.2 | 69.5 | 20 600* | 40.0 |
| | | 44.0 | 58.0 | 67.2 | 17 900 | 63.0 | 69.3 | 21 800 | 64.5 | 68.4 | 20 200* | 44.0 |
| | | 48.0 | 54.4 | 64.4 | 15 100 | 59.5 | 66.8 | 18 300 | 60.9 | 65.9 | 18 800 | 48.0 |
| | | 52.0 | 50.5 | 61.2 | 12 900 | 55.9 | 64.0 | 15 500 | 57.2 | 63.0 | 15 900 | 52.0 |
| | | 56.0 | 46.5 | 57.5 | 11 000 | 52.0 | 60.8 | 13 200 | 53.3 | 59.7 | 13 500 | 56.0 |
| | | 60.0 | 42.1 | 53.3 | 9 300 | 47.9 | 57.0 | 11 200 | 49.1 | 55.9 | 11 500 | 60.0 |
| 64.0 | 37.3 | 48.3 | 7 900 | 43.5 | 52.7 | 9 500 | 44.6 | 51.5 | 9 700 | 64.0 | | |
| 68.0 | 31.9 | 42.2 | 6 600 | 38.7 | 47.7 | 8 100 | | | | 68.0 | | |
| 68.0 | 31.9 | 42.2 | 6 600 | 33.2 | 41.5 | 6 800 | | | | 68.0 | | |
| 671 | 220 | 16.8 | 80.4 | 81.4 | 40 800*b | | | | | | | 16.8 |
| | | 18.0 | 79.5 | 81.2 | 40 800*b | | | | | | | 18.0 |
| | | 20.0 | 78.1 | 80.7 | 40 800*b | | | | | | | 20.0 |
| | | 22.0 | 76.6 | 80.2 | 40 400*b | 79.6 | 80.4 | 33 600*b | | | | 22.0 |
| | | 24.0 | 75.1 | 79.7 | 38 700*b | 78.2 | 79.9 | 32 600*b | 79.7 | 79.0 | 25 700* | 24.0 |
| | | 26.0 | 73.6 | 79.1 | 37 400*b | 76.7 | 79.3 | 31 800*b | 78.2 | 78.5 | 25 000* | 26.0 |
| | | 28.0 | 72.1 | 78.4 | 36 100*b | 75.2 | 78.7 | 30 900*b | 76.7 | 77.9 | 24 300* | 28.0 |
| | | 30.0 | 70.6 | 77.7 | 33 900b | 73.6 | 78.0 | 30 200* | 75.2 | 77.2 | 23 600* | 30.0 |
| | | 32.0 | 69.0 | 76.9 | 30 500b | 72.1 | 77.3 | 29 400* | 73.6 | 76.5 | 23 000* | 32.0 |
| | | 34.0 | 67.5 | 76.1 | 27 600b | 70.6 | 76.5 | 28 800* | 72.0 | 75.7 | 22 400* | 34.0 |
| | | 36.0 | 65.9 | 75.2 | 25 100b | 69.0 | 75.7 | 28 000* | 70.5 | 74.8 | 21 900* | 36.0 |
| | | 38.0 | 64.3 | 74.2 | 22 800b | 67.4 | 74.8 | 25 800 | 68.9 | 73.9 | 21 400* | 38.0 |
| | | 40.0 | 62.7 | 73.1 | 20 900 | 65.8 | 73.8 | 23 500 | 67.2 | 72.9 | 20 900* | 40.0 |
| | | 44.0 | 59.4 | 70.8 | 17 500 | 64.2 | 72.7 | 21 400 | 65.6 | 71.8 | 20 500* | 44.0 |
| | | 48.0 | 55.9 | 68.2 | 14 800 | 60.8 | 70.4 | 18 000 | 62.2 | 69.5 | 18 500 | 48.0 |
| | | 52.0 | 52.3 | 65.2 | 12 500 | 57.4 | 67.8 | 15 200 | 58.7 | 66.8 | 15 500 | 52.0 |
| | | 56.0 | 48.6 | 61.7 | 10 600 | 53.8 | 64.7 | 12 900 | 55.0 | 63.7 | 13 200 | 56.0 |
| | | 60.0 | 44.5 | 57.8 | 8 900 | 50.0 | 61.3 | 10 900 | 51.1 | 60.2 | 11 200 | 60.0 |
| 64.0 | 40.2 | 53.2 | 7 500 | 45.9 | 57.3 | 9 200 | 47.0 | 56.1 | 9 400 | 64.0 | | |
| 68.0 | 35.4 | 47.9 | 6 200 | 41.5 | 52.7 | 7 700 | | | | 68.0 | | |
| 72.0 | 29.9 | 41.4 | 5 200 | 36.6 | 47.3 | 6 400 | | | | 72.0 | | |

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220

LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250T

JIB NO. 132 WITH 6 096 mm STRUT ON
BOOM NO. 44A WITH HEAVY LIFT TOP
80 560 kg CRANE COUNTERWEIGHT
360 DEGREE RATING
ON SPREAD OUTRIGGERS

12.2m (40 FT.) JIB

| BOOM LGTH. METERS | BOOM LGTH. FEET | JIB OPER. RADIUS METERS | 5 DEGREE OFFSET | | | 15 DEGREE OFFSET | | | 30 DEGREE OFFSET | | | JIB OPER. RADIUS METERS | | |
|-------------------|-----------------|-------------------------|-----------------|------------------------|--------------------|------------------|------------------------|--------------------|------------------|------------------------|--------------------|-------------------------|---------|------|
| | | | BOOM ANG. DEG. | JIB POINT ELEV. METERS | CAPACITY KILOGRAMS | BOOM ANG. DEG. | JIB POINT ELEV. METERS | CAPACITY KILOGRAMS | BOOM ANG. DEG. | JIB POINT ELEV. METERS | CAPACITY KILOGRAMS | | | |
| 70.1 | 23.0 | 16.8 | 80.8 | 84.5 | 40 800*b | | | | | | | 16.8 | | |
| | | 18.0 | 79.9 | 84.3 | 40 800*b | | | | | | | 18.0 | | |
| | | 20.0 | 78.5 | 83.8 | 40 800*b | 80.0 | 83.5 | 33 800*b | | | | 20.0 | | |
| | | 22.0 | 77.1 | 83.4 | 40 500*b | | | 32 900*b | | | 80.1 | 82.2 | 25 900* | 22.0 |
| | | 24.0 | 75.7 | 82.8 | 39 300*b | 77.2 | 82.5 | 32 000*b | 78.7 | 81.7 | 25 300* | | | 24.0 |
| | | 26.0 | 74.2 | 82.3 | 37 900*b | 75.7 | 81.9 | 31 200*b | 77.2 | 81.1 | 24 500* | | | 26.0 |
| | | 28.0 | 72.8 | 81.6 | 36 500*b | 74.3 | 81.3 | 30 500* | 75.7 | 80.4 | 23 900* | | | 28.0 |
| | | 30.0 | 71.3 | 80.9 | 33 700b | 72.8 | 80.6 | 29 800* | 74.3 | 79.7 | 23 300* | | | 30.0 |
| | | 32.0 | 69.8 | 80.2 | 30 200b | 71.3 | 79.8 | 29 100* | 72.8 | 79.0 | 22 700* | | | 32.0 |
| | | 34.0 | 68.4 | 79.4 | 27 200b | 69.8 | 79.0 | 28 200* | 71.2 | 78.1 | 22 100* | | | 34.0 |
| | | 36.0 | 66.8 | 78.5 | 24 700b | 68.3 | 78.1 | 25 400 | 69.7 | 77.3 | 21 700* | | | 36.0 |
| | | 38.0 | 65.3 | 77.6 | 22 500b | 66.8 | 77.2 | 23 100 | 68.2 | 76.3 | 21 200* | | | 38.0 |
| | | 40.0 | 63.8 | 76.6 | 20 500b | 65.2 | 76.2 | 21 100 | 66.6 | 75.3 | 20 700* | | | 40.0 |
| | | 44.0 | 60.6 | 74.4 | 17 100 | 62.0 | 74.0 | 17 700 | 63.4 | 73.1 | 18 200 | | | 44.0 |
| | | 48.0 | 57.4 | 71.9 | 14 400 | 58.8 | 71.5 | 14 900 | 60.0 | 70.5 | 15 300 | | | 48.0 |
| | | 52.0 | 54.0 | 69.0 | 12 100 | 55.4 | 68.6 | 12 600 | 56.6 | 67.6 | 12 900 | | | 52.0 |
| | | 56.0 | 50.4 | 65.8 | 10 200 | 51.8 | 65.4 | 10 600 | 53.0 | 64.3 | 10 800 | | | 56.0 |
| 60.0 | 46.7 | 62.2 | 8 600 | 48.0 | 61.7 | 8 900 | 49.1 | 60.5 | 9 100 | | | 60.0 | | |
| 64.0 | 42.7 | 58.0 | 7 200 | 44.0 | 57.4 | 7 400 | 45.0 | 56.2 | 7 600 | | | 64.0 | | |
| 68.0 | 38.3 | 53.1 | 5 900 | 39.6 | 52.5 | 6 100 | | | | | | 68.0 | | |
| 72.0 | 33.5 | 47.3 | 4 800 | 34.7 | 46.7 | 5 000 | | | | | | 72.0 | | |
| 76.0 | 27.9 | 40.3 | 3 800* | | | | | | | | | 76.0 | | |
| 73.2 | 24.0 | 18.3 | 80.1 | 87.3 | 40 800*b | | | | | | | 18.3 | | |
| | | 20.0 | 78.9 | 87.0 | 40 800*b | 80.4 | 86.6 | 34 100*b | | | | 20.0 | | |
| | | 22.0 | 77.6 | 86.5 | 40 700*b | 79.0 | 86.1 | 33 200*b | 80.5 | 85.3 | 26 100* | 22.0 | | |
| | | 24.0 | 76.2 | 86.0 | 39 900*b | 77.6 | 85.6 | 32 300*b | 79.1 | 84.8 | 25 500* | 24.0 | | |
| | | 26.0 | 74.8 | 85.4 | 38 400*b | 76.2 | 85.1 | 31 500*b | 77.7 | 84.2 | 24 800* | 26.0 | | |
| | | 28.0 | 73.4 | 84.8 | 36 800*b | 74.8 | 84.5 | 30 800*b | 76.3 | 83.6 | 24 100* | 28.0 | | |
| | | 30.0 | 72.0 | 84.2 | 33 300b | 73.4 | 83.8 | 30 100* | 74.8 | 82.9 | 23 500* | 30.0 | | |
| | | 32.0 | 70.6 | 83.5 | 29 800b | 72.0 | 83.1 | 29 400* | 73.4 | 82.2 | 22 900* | 32.0 | | |
| | | 34.0 | 69.2 | 82.7 | 26 900b | 70.6 | 82.3 | 27 900 | 72.0 | 81.4 | 22 400* | 34.0 | | |
| | | 36.0 | 67.7 | 81.9 | 24 400b | 69.1 | 81.5 | 25 100 | 70.5 | 80.6 | 21 900* | 36.0 | | |
| | | 38.0 | 66.3 | 81.0 | 22 100b | 67.7 | 80.6 | 22 800 | 69.0 | 79.7 | 21 400* | 38.0 | | |
| | | 40.0 | 64.8 | 80.0 | 20 100b | 66.2 | 79.6 | 20 800 | 67.5 | 78.7 | 20 900* | 40.0 | | |
| | | 44.0 | 61.8 | 77.9 | 16 800 | 63.2 | 77.5 | 17 300 | 64.4 | 76.6 | 17 800 | 44.0 | | |
| | | 48.0 | 58.7 | 75.5 | 14 100 | 60.0 | 75.1 | 14 500 | 61.3 | 74.1 | 15 000 | 48.0 | | |
| | | 52.0 | 55.5 | 72.8 | 11 800 | 56.8 | 72.4 | 12 200 | 58.0 | 71.4 | 12 500 | 52.0 | | |
| | | 56.0 | 52.1 | 69.8 | 9 900 | 53.4 | 69.3 | 10 200 | 54.6 | 68.3 | 10 500 | 56.0 | | |
| | | 60.0 | 48.6 | 66.3 | 8 200 | 49.9 | 65.9 | 8 500 | 51.0 | 64.8 | 8 800 | 60.0 | | |
| 64.0 | 44.9 | 62.4 | 6 800 | 46.1 | 61.9 | 7 000 | 47.2 | 60.8 | 7 300 | 64.0 | | | | |
| 68.0 | 40.9 | 58.0 | 5 500 | 42.1 | 57.4 | 5 700 | | | | 68.0 | | | | |
| 72.0 | 36.5 | 52.8 | 4 400 | 37.7 | 52.2 | 4 600 | | | | 72.0 | | | | |
| 76.0 | 31.6 | 46.6 | 3 400 | 32.7 | 45.9 | 3 600 | | | | 76.0 | | | | |
| 76.2 | 25.0 | 18.3 | 80.4 | 90.4 | 40 800*b | | | | | | | 18.3 | | |
| | | 20.0 | 79.3 | 90.1 | 40 800*b | 80.7 | 89.7 | 34 300*b | | | | 20.0 | | |
| | | 22.0 | 78.0 | 89.6 | 40 800*b | 79.4 | 89.3 | 33 400*b | | | | 22.0 | | |
| | | 24.0 | 76.7 | 89.2 | 40 200*b | 78.1 | 88.8 | 32 600*b | 79.5 | 87.9 | 25 600* | 24.0 | | |
| | | 26.0 | 75.3 | 88.6 | 39 000*b | 76.7 | 88.2 | 31 800*b | 78.1 | 87.4 | 25 000* | 26.0 | | |
| | | 28.0 | 74.0 | 88.0 | 37 200*b | 75.4 | 87.7 | 31 000*b | 76.8 | 86.8 | 24 300* | 28.0 | | |
| | | 30.0 | 72.6 | 87.4 | 33 100b | 74.0 | 87.0 | 30 400* | 75.4 | 86.2 | 23 700* | 30.0 | | |
| | | 32.0 | 71.3 | 86.7 | 29 700b | 72.7 | 86.3 | 29 700* | 74.0 | 85.5 | 23 200* | 32.0 | | |
| | | 34.0 | 69.9 | 86.0 | 26 700b | 71.3 | 85.6 | 27 700 | 72.6 | 84.7 | 22 600* | 34.0 | | |
| | | 36.0 | 68.5 | 85.2 | 24 200b | 69.9 | 84.8 | 25 000 | 71.2 | 83.9 | 22 200* | 36.0 | | |
| | | 38.0 | 67.1 | 84.3 | 22 000b | 68.5 | 83.9 | 22 700 | 69.8 | 83.0 | 21 700* | 38.0 | | |
| | | 40.0 | 65.7 | 83.4 | 20 000b | 67.1 | 83.0 | 20 600 | 68.4 | 82.1 | 21 100* | 40.0 | | |
| | | 44.0 | 62.8 | 81.4 | 16 700 | 64.2 | 81.0 | 17 200 | 65.4 | 80.1 | 17 700 | 44.0 | | |
| | | 48.0 | 59.9 | 79.1 | 13 900 | 61.2 | 78.7 | 14 400 | 62.4 | 77.7 | 14 900 | 48.0 | | |
| | | 52.0 | 56.8 | 76.5 | 11 600 | 58.1 | 76.1 | 12 100 | 59.3 | 75.1 | 12 500 | 52.0 | | |
| | | 56.0 | 53.6 | 73.7 | 9 700 | 54.9 | 73.2 | 10 100 | 56.1 | 72.2 | 10 400 | 56.0 | | |
| | | 60.0 | 50.3 | 70.4 | 8 100 | 51.6 | 69.9 | 8 400 | 52.7 | 68.9 | 8 700 | 60.0 | | |
| 64.0 | 46.8 | 66.8 | 6 600 | 48.1 | 66.3 | 6 900 | 49.1 | 65.1 | 7 100 | 64.0 | | | | |
| 68.0 | 43.1 | 62.6 | 5 400 | 44.3 | 62.1 | 5 600 | 45.3 | 60.9 | 5 800 | 68.0 | | | | |
| 72.0 | 39.1 | 57.9 | 4 300 | 40.3 | 57.3 | 4 500 | | | | 72.0 | | | | |
| 76.0 | 34.8 | 52.4 | 3 300 | 35.9 | 51.7 | 3 400 | | | | 76.0 | | | | |
| 80.0 | 29.8 | 45.8 | 2 300* | | | | | | | 80.0 | | | | |

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220

LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250T

**JIB NO. 132 WITH 6 096 mm STRUT ON
BOOM NO. 44A WITH HEAVY LIFT TOP
80 560 kg CRANE COUNTERWEIGHT
360 DEGREE RATING
ON SPREAD OUTRIGGERS**

12.2m (40 FT.) JIB

| BOOM LGTH. METERS | BOOM LGTH. FEET | JIB OPER. RADIUS METERS | 5 DEGREE OFFSET | | | 15 DEGREE OFFSET | | | 30 DEGREE OFFSET | | | JIB OPER. RADIUS METERS | |
|----------------------------|-----------------------|----------------------------------|----------------------|---------------------------------|-------------------------|----------------------|---------------------------------|-------------------------|----------------------|---------------------------------|-------------------------|----------------------------------|------|
| | | | BOOM ANG. DEG. | JIB POINT ELEV. METERS | CAPACI TY KI LOGRAMS | BOOM ANG. DEG. | JIB POINT ELEV. METERS | CAPACI TY KI LOGRAMS | BOOM ANG. DEG. | JIB POINT ELEV. METERS | CAPACI TY KI LOGRAMS | | |
| 7 9 · 2 | 2 6 0 | 18.3 | 80.7 | 93.5 | 40 800*b | | | | | | | 18.3 | |
| | | 20.0 | 79.7 | 93.2 | 40 800*b | | | | | | | 20.0 | |
| | | 22.0 | 78.4 | 92.8 | 40 800*b | 79.8 | 92.4 | 33 600*b | | | | | 22.0 |
| | | 24.0 | 77.1 | 92.3 | 40 600*b | 78.5 | 91.9 | 32 800*b | | | | | 24.0 |
| | | 26.0 | 75.8 | 91.8 | 39 500*b | 77.2 | 91.4 | 32 100*b | 79.8 | 91.1 | 25 800* | | 26.0 |
| | | 28.0 | 74.5 | 91.2 | 36 900b | 75.9 | 90.8 | 31 300*b | 77.2 | 90.6 | 25 200* | | 28.0 |
| | | 30.0 | 73.2 | 90.6 | 32 700b | 74.6 | 90.2 | 30 700* | 75.9 | 90.0 | 24 500* | | 30.0 |
| | | 32.0 | 71.9 | 89.9 | 29 300b | 73.3 | 89.6 | 30 000* | 74.6 | 89.4 | 24 000* | | 32.0 |
| | | 34.0 | 70.6 | 89.2 | 26 400b | 71.9 | 88.8 | 27 300 | 73.2 | 88.7 | 23 400* | | 34.0 |
| | | 36.0 | 69.3 | 88.4 | 23 900b | 70.6 | 88.1 | 24 700 | 71.9 | 88.0 | 22 900* | | 36.0 |
| | | 38.0 | 67.9 | 87.6 | 21 600b | 69.2 | 87.2 | 22 400 | 70.5 | 87.2 | 22 400* | | 38.0 |
| | | 40.0 | 66.6 | 86.7 | 19 600b | 67.9 | 86.4 | 20 300 | 69.1 | 86.4 | 21 900* | | 40.0 |
| | | 44.0 | 63.8 | 84.8 | 16 300b | 65.1 | 84.4 | 16 900 | 66.3 | 83.5 | 17 400 | | 44.0 |
| | | 48.0 | 61.0 | 82.6 | 13 500 | 62.3 | 82.2 | 14 100 | 63.4 | 81.3 | 14 600 | | 48.0 |
| | | 52.0 | 58.1 | 80.2 | 11 300 | 59.3 | 79.8 | 11 700 | 60.5 | 78.8 | 12 100 | | 52.0 |
| | | 56.0 | 55.0 | 77.5 | 9 300 | 56.3 | 77.0 | 9 700 | 57.4 | 76.0 | 10 100 | | 56.0 |
| | | 60.0 | 51.9 | 74.4 | 7 700 | 53.1 | 73.9 | 8 000 | 54.2 | 72.9 | 8 300 | | 60.0 |
| | | 64.0 | 48.6 | 70.9 | 6 300 | 49.8 | 70.5 | 6 600 | 50.8 | 69.4 | 6 800 | | 64.0 |
| | | 68.0 | 45.2 | 67.1 | 5 000 | 46.3 | 66.6 | 5 300 | 47.3 | 65.4 | 5 500 | | 68.0 |
| | | 72.0 | 41.5 | 62.7 | 3 900 | 42.6 | 62.1 | 4 100 | | | | | 72.0 |
| 76.0 | 37.5 | 57.7 | 2 900 | 38.6 | 57.1 | 3 100 | | | | | 76.0 | | |
| 80.0 | 33.0 | 51.8 | 2 000 | 34.1 | 51.1 | 2 200 | | | | | 80.0 | | |

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220

LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250T

JIB NO. 132 WITH 6 096 mm STRUT ON
BOOM NO. 44A WITH HEAVY LIFT TOP
80 560 kg CRANE COUNTERWEIGHT
360 DEGREE RATING
ON SPREAD OUTRIGGERS

18.3m (60 FT.) JIB

| BOOM LGTH. METERS | BOOM LGTH. FEET | JIB OPER. RADIUS METERS | 5 DEGREE OFFSET | | | 15 DEGREE OFFSET | | | 30 DEGREE OFFSET | | | JIB OPER. RADIUS METERS |
|-------------------|-----------------|-------------------------|-----------------|------------------------|--------------------|------------------|------------------------|--------------------|------------------|------------------------|--------------------|-------------------------|
| | | | BOOM ANG. DEG. | JIB POINT ELEV. METERS | CAPACITY KILOGRAMS | BOOM ANG. DEG. | JIB POINT ELEV. METERS | CAPACITY KILOGRAMS | BOOM ANG. DEG. | JIB POINT ELEV. METERS | CAPACITY KILOGRAMS | |
| 3 9 · 6 | 1 3 0 | 15.2 | 79.8 | 59.9 | 32 800*b | | | | | | | 15.2 |
| | | 16.0 | 79.0 | 59.7 | 32 500*b | | | | | | | 16.0 |
| | | 18.0 | 77.0 | 59.1 | 31 600* | | | | | | | 18.0 |
| | | 20.0 | 75.0 | 58.5 | 30 800* | 78.1 | 58.0 | 26 300* | | | | 20.0 |
| | | 22.0 | 72.9 | 57.8 | 30 000* | 76.0 | 57.3 | 25 900* | 79.2 | 56.1 | 18 600* | 22.0 |
| | | 24.0 | 70.8 | 57.1 | 29 300* | 73.9 | 56.5 | 25 400* | 77.1 | 55.3 | 17 800* | 24.0 |
| | | 26.0 | 68.6 | 56.2 | 28 600* | 71.8 | 55.6 | 25 000* | 74.9 | 54.4 | 17 100* | 26.0 |
| | | 28.0 | 66.5 | 55.3 | 28 000* | 69.6 | 54.7 | 24 500* | 72.6 | 53.5 | 16 500* | 28.0 |
| | | 30.0 | 64.3 | 54.2 | 27 400* | 67.3 | 53.6 | 23 600* | 70.3 | 52.4 | 15 900* | 30.0 |
| | | 32.0 | 62.0 | 53.1 | 26 900* | 65.0 | 52.5 | 22 700* | 68.0 | 51.2 | 15 300* | 32.0 |
| | | 34.0 | 59.7 | 51.8 | 26 400* | 62.7 | 51.2 | 21 800* | 65.6 | 49.9 | 14 900* | 34.0 |
| | | 36.0 | 57.3 | 50.5 | 25 900* | 60.3 | 49.8 | 21 100* | 63.1 | 48.5 | 14 400* | 36.0 |
| 38.0 | 54.9 | 49.0 | 25 500* | 57.8 | 48.3 | 20 400* | 60.5 | 46.9 | 14 000* | 38.0 | | |
| 40.0 | 52.4 | 47.3 | 24 500 | 55.3 | 46.6 | 19 700* | 57.9 | 45.2 | 13 600* | 40.0 | | |
| 44.0 | 47.0 | 43.6 | 21 100 | 49.8 | 42.8 | 18 600* | 52.2 | 41.2 | 13 000* | 44.0 | | |
| 48.0 | 41.0 | 39.0 | 18 400 | 43.7 | 38.1 | 17 500* | | | | 48.0 | | |
| 52.0 | 34.1 | 33.2 | 16 100 | 36.6 | 32.2 | 16 300 | | | | 52.0 | | |
| 4 2 · 7 | 1 4 0 | 15.2 | 80.3 | 63.0 | 33 100*b | | | | | | | 15.2 |
| | | 16.0 | 79.6 | 62.8 | 32 700*b | | | | | | | 16.0 |
| | | 18.0 | 77.7 | 62.3 | 31 900* | | | | | | | 18.0 |
| | | 20.0 | 75.7 | 61.7 | 31 100* | 78.7 | 61.2 | 26 500* | | | | 20.0 |
| | | 22.0 | 73.8 | 61.1 | 30 300* | 76.8 | 60.5 | 26 000* | 79.8 | 59.3 | 18 900* | 22.0 |
| | | 24.0 | 71.8 | 60.3 | 29 600* | 74.8 | 59.8 | 25 600* | 77.8 | 58.6 | 18 100* | 24.0 |
| | | 26.0 | 69.8 | 59.5 | 29 000* | 72.7 | 58.9 | 25 200* | 75.7 | 57.7 | 17 400* | 26.0 |
| | | 28.0 | 67.7 | 58.6 | 28 400* | 70.7 | 58.0 | 24 700* | 73.6 | 56.8 | 16 700* | 28.0 |
| | | 30.0 | 65.7 | 57.7 | 27 800* | 68.6 | 57.1 | 24 200* | 71.4 | 55.8 | 16 200* | 30.0 |
| | | 32.0 | 63.6 | 56.6 | 27 300* | 66.4 | 56.0 | 23 200* | 69.3 | 54.7 | 15 600* | 32.0 |
| | | 34.0 | 61.4 | 55.4 | 26 700* | 64.3 | 54.8 | 22 400* | 67.0 | 53.5 | 15 100* | 34.0 |
| | | 36.0 | 59.2 | 54.2 | 26 300* | 62.0 | 53.5 | 21 600* | 64.7 | 52.2 | 14 700* | 36.0 |
| 38.0 | 56.9 | 52.8 | 25 800* | 59.7 | 52.1 | 20 900* | 62.4 | 50.7 | 14 300* | 38.0 | | |
| 40.0 | 54.6 | 51.3 | 24 100 | 57.4 | 50.6 | 20 200* | 59.9 | 49.2 | 13 900* | 40.0 | | |
| 44.0 | 49.7 | 47.8 | 20 700 | 52.4 | 47.1 | 19 100* | 54.8 | 45.6 | 13 200* | 44.0 | | |
| 48.0 | 44.3 | 43.7 | 18 000 | 47.0 | 42.9 | 18 000* | 49.1 | 41.2 | 12 600* | 48.0 | | |
| 52.0 | 38.4 | 38.7 | 15 700 | 40.8 | 37.8 | 16 000 | | | | 52.0 | | |
| 56.0 | 31.4 | 32.4 | 13 700 | | | | | | | 56.0 | | |
| 4 5 · 7 | 1 5 0 | 15.2 | 80.8 | 66.1 | 33 200*b | | | | | | | 15.2 |
| | | 16.0 | 80.1 | 65.9 | 32 900*b | | | | | | | 16.0 |
| | | 18.0 | 78.3 | 65.4 | 32 100* | | | | | | | 18.0 |
| | | 20.0 | 76.4 | 64.9 | 31 400* | 79.3 | 64.3 | 26 700* | | | | 20.0 |
| | | 22.0 | 74.6 | 64.3 | 30 600* | 77.4 | 63.7 | 26 200* | 80.3 | 62.5 | 19 100* | 22.0 |
| | | 24.0 | 72.7 | 63.6 | 29 900* | 75.5 | 63.0 | 25 700* | 78.4 | 61.8 | 18 300* | 24.0 |
| | | 26.0 | 70.8 | 62.8 | 29 300* | 73.6 | 62.2 | 25 300* | 76.4 | 61.0 | 17 700* | 26.0 |
| | | 28.0 | 68.9 | 62.0 | 28 700* | 71.7 | 61.4 | 24 900* | 74.5 | 60.1 | 17 000* | 28.0 |
| | | 30.0 | 66.9 | 61.1 | 28 100* | 69.7 | 60.5 | 24 500* | 72.4 | 59.2 | 16 400* | 30.0 |
| | | 32.0 | 64.9 | 60.1 | 27 600* | 67.7 | 59.4 | 23 700* | 70.4 | 58.2 | 15 900* | 32.0 |
| | | 34.0 | 62.9 | 59.0 | 27 100* | 65.6 | 58.3 | 22 900* | 68.3 | 57.0 | 15 400* | 34.0 |
| | | 36.0 | 60.8 | 57.8 | 26 600* | 63.6 | 57.1 | 22 100* | 66.1 | 55.8 | 15 000* | 36.0 |
| 38.0 | 58.7 | 56.5 | 25 700 | 61.4 | 55.8 | 21 400* | 64.0 | 54.4 | 14 500* | 38.0 | | |
| 40.0 | 56.6 | 55.1 | 23 800 | 59.2 | 54.4 | 20 700* | 61.7 | 53.0 | 14 200* | 40.0 | | |
| 44.0 | 52.0 | 51.9 | 20 400 | 54.6 | 51.2 | 19 600* | 57.0 | 49.7 | 13 500* | 44.0 | | |
| 48.0 | 47.2 | 48.2 | 17 700 | 49.7 | 47.4 | 18 100 | 51.9 | 45.8 | 12 900* | 48.0 | | |
| 52.0 | 41.9 | 43.7 | 15 400 | 44.3 | 42.9 | 15 700 | | | | 52.0 | | |
| 56.0 | 35.9 | 38.3 | 13 400 | 38.1 | 37.3 | 13 600 | | | | 56.0 | | |

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220

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JIB NO. 132 WITH 6 096 mm STRUT ON
BOOM NO. 44A WITH HEAVY LIFT TOP
80 560 kg CRANE COUNTERWEIGHT
360 DEGREE RATING
ON SPREAD OUTRIGGERS

18.3m (60 FT.) JIB

| BOOM LGTH. METERS | BOOM LGTH. FEET | JIB OPER. RADIUS METERS | 5 DEGREE OFFSET | | | 15 DEGREE OFFSET | | | 30 DEGREE OFFSET | | | JIB OPER. RADIUS METERS |
|-------------------|-----------------|-------------------------|-----------------|------------------------|----------------------|------------------|------------------------|--------------------|------------------|------------------------|--------------------|-------------------------|
| | | | BOOM ANG. DEG. | JIB POINT ELEV. METERS | CAPACITY KILOGRAMS | BOOM ANG. DEG. | JIB POINT ELEV. METERS | CAPACITY KILOGRAMS | BOOM ANG. DEG. | JIB POINT ELEV. METERS | CAPACITY KILOGRAMS | |
| 48.8 | 16.0 | 16.8 | 79.8 | 68.9 | 32 800* ^b | | | | | | | 16.8 |
| | | 18.0 | 78.8 | 68.6 | 32 400* | | | | | | | 18.0 |
| | | 20.0 | 77.0 | 68.1 | 31 600* | 79.8 | 67.5 | 26 800* | | | | 20.0 |
| | | 22.0 | 75.3 | 67.5 | 30 900* | 78.0 | 66.9 | 26 300* | | | | 22.0 |
| | | 24.0 | 73.5 | 66.8 | 30 200* | 76.2 | 66.2 | 25 900* | 79.0 | 65.0 | 18 500* | 24.0 |
| | | 26.0 | 71.7 | 66.1 | 29 600* | 74.4 | 65.5 | 25 500* | 77.1 | 64.3 | 17 900* | 26.0 |
| | | 28.0 | 69.9 | 65.3 | 29 000* | 72.6 | 64.7 | 25 100* | 75.2 | 63.4 | 17 300* | 28.0 |
| | | 30.0 | 68.0 | 64.4 | 28 400* | 70.7 | 63.8 | 24 800* | 73.3 | 62.5 | 16 700* | 30.0 |
| | | 32.0 | 66.1 | 63.5 | 27 900* | 68.8 | 62.8 | 24 200* | 71.4 | 61.6 | 16 200* | 32.0 |
| | | 34.0 | 64.2 | 62.4 | 27 400* | 66.9 | 61.8 | 23 400* | 69.4 | 60.5 | 15 700* | 34.0 |
| | | 36.0 | 62.3 | 61.3 | 26 900* | 64.9 | 60.7 | 22 600* | 67.4 | 59.3 | 15 200* | 36.0 |
| | | 38.0 | 60.3 | 60.1 | 25 400 | 62.9 | 59.4 | 21 900* | 65.4 | 58.1 | 14 800* | 38.0 |
| | | 40.0 | 58.3 | 58.8 | 23 400 | 60.9 | 58.1 | 21 200* | 63.3 | 56.7 | 14 400* | 40.0 |
| | | 44.0 | 54.1 | 55.9 | 20 100 | 56.6 | 55.1 | 20 000* | 58.9 | 53.7 | 13 700* | 44.0 |
| | | 48.0 | 49.6 | 52.4 | 17 300 | 52.1 | 51.7 | 17 700 | 54.2 | 50.1 | 13 100* | 48.0 |
| | | 52.0 | 44.8 | 48.4 | 15 000 | 47.2 | 47.5 | 15 300 | 49.1 | 45.8 | 12 700* | 52.0 |
| 56.0 | 39.5 | 43.6 | 13 000 | 41.7 | 42.6 | 13 300 | | | | 56.0 | | |
| 60.0 | 33.4 | 37.6 | 11 400 | | | | | | | 60.0 | | |
| 51.8 | 17.0 | 16.8 | 80.3 | 72.0 | 33 100* ^b | | | | | | | 16.8 |
| | | 18.0 | 79.3 | 71.7 | 32 600* ^b | | | | | | | 18.0 |
| | | 20.0 | 77.6 | 71.2 | 31 800* | 80.3 | 70.6 | 26 900* | | | | 20.0 |
| | | 22.0 | 75.9 | 70.7 | 31 200* | 78.6 | 70.1 | 26 500* | | | | 22.0 |
| | | 24.0 | 74.2 | 70.0 | 30 500* | 76.8 | 69.4 | 26 100* | 79.5 | 68.2 | 18 800* | 24.0 |
| | | 26.0 | 72.5 | 69.3 | 29 900* | 75.1 | 68.7 | 25 700* | 77.7 | 67.5 | 18 100* | 26.0 |
| | | 28.0 | 70.8 | 68.6 | 29 300* | 73.4 | 68.0 | 25 300* | 75.9 | 66.7 | 17 500* | 28.0 |
| | | 30.0 | 69.0 | 67.8 | 28 700* | 71.6 | 67.1 | 24 900* | 74.1 | 65.9 | 16 900* | 30.0 |
| | | 32.0 | 67.3 | 66.9 | 28 200* | 69.8 | 66.2 | 24 600* | 72.3 | 64.9 | 16 400* | 32.0 |
| | | 34.0 | 65.5 | 65.9 | 27 700* | 68.0 | 65.2 | 23 900* | 70.4 | 63.9 | 15 900* | 34.0 |
| | | 36.0 | 63.6 | 64.8 | 27 100 | 66.1 | 64.2 | 23 100* | 68.5 | 62.8 | 15 500* | 36.0 |
| | | 38.0 | 61.8 | 63.7 | 25 200 | 64.2 | 63.0 | 22 300* | 66.6 | 61.6 | 15 100* | 38.0 |
| | | 40.0 | 59.8 | 62.5 | 23 200 | 62.3 | 61.8 | 21 700* | 64.6 | 60.4 | 14 700* | 40.0 |
| | | 44.0 | 55.9 | 59.7 | 19 800 | 58.3 | 59.0 | 20 300 | 60.5 | 57.5 | 14 000* | 44.0 |
| | | 48.0 | 51.8 | 56.5 | 17 000 | 54.1 | 55.8 | 17 500 | 56.2 | 54.2 | 13 400* | 48.0 |
| | | 52.0 | 47.3 | 52.8 | 14 700 | 49.6 | 52.0 | 15 100 | 51.6 | 50.3 | 12 900* | 52.0 |
| 56.0 | 42.5 | 48.4 | 12 800 | 44.7 | 47.6 | 13 100 | 46.5 | 45.7 | 12 500* | 56.0 | | |
| 60.0 | 37.2 | 43.2 | 11 100 | 39.3 | 42.2 | 11 400 | | | | 60.0 | | |
| 64.0 | 31.0 | 36.8 | 9 700 | | | | | | | 64.0 | | |
| 54.9 | 18.0 | 16.8 | 80.7 | 75.1 | 33 200* ^b | | | | | | | 16.8 |
| | | 18.0 | 79.7 | 74.8 | 32 800* ^b | | | | | | | 18.0 |
| | | 20.0 | 78.1 | 74.4 | 32 000* | 80.7 | 73.8 | 27 000* | | | | 20.0 |
| | | 22.0 | 76.5 | 73.8 | 31 400* | 79.1 | 73.2 | 26 600* | | | | 22.0 |
| | | 24.0 | 74.9 | 73.2 | 30 700* | 77.4 | 72.6 | 26 200* | 79.9 | 71.4 | 18 900* | 24.0 |
| | | 26.0 | 73.3 | 72.6 | 30 100* | 75.8 | 72.0 | 25 800* | 78.3 | 70.7 | 18 300* | 26.0 |
| | | 28.0 | 71.6 | 71.9 | 29 500* | 74.1 | 71.2 | 25 400* | 76.6 | 70.0 | 17 700* | 28.0 |
| | | 30.0 | 70.0 | 71.1 | 29 000* | 72.4 | 70.4 | 25 100* | 74.8 | 69.1 | 17 100* | 30.0 |
| | | 32.0 | 68.3 | 70.2 | 28 500* | 70.7 | 69.6 | 24 800* | 73.1 | 68.3 | 16 600* | 32.0 |
| | | 34.0 | 66.6 | 69.3 | 28 000* | 69.0 | 68.6 | 24 300* | 71.3 | 67.3 | 16 200* | 34.0 |
| | | 36.0 | 64.8 | 68.3 | 27 000 | 67.2 | 67.6 | 23 500* | 69.5 | 66.3 | 15 700* | 36.0 |
| | | 38.0 | 63.0 | 67.2 | 24 800 | 65.4 | 66.5 | 22 800* | 67.7 | 65.2 | 15 300* | 38.0 |
| | | 40.0 | 61.2 | 66.0 | 22 800 | 63.6 | 65.4 | 22 100* | 65.9 | 64.0 | 14 900* | 40.0 |
| | | 44.0 | 57.5 | 63.4 | 19 400 | 59.9 | 62.7 | 20 100 | 62.0 | 61.3 | 14 200* | 44.0 |
| | | 48.0 | 53.7 | 60.5 | 16 700 | 55.9 | 59.7 | 17 200 | 58.0 | 58.2 | 13 600* | 48.0 |
| | | 52.0 | 49.6 | 57.0 | 14 400 | 51.8 | 56.2 | 14 800 | 53.7 | 54.6 | 13 100* | 52.0 |
| 56.0 | 45.2 | 53.0 | 12 400 | 47.3 | 52.2 | 12 800 | 49.1 | 50.4 | 12 700* | 56.0 | | |
| 60.0 | 40.4 | 48.4 | 10 700 | 42.4 | 47.4 | 11 000 | | | | 60.0 | | |
| 64.0 | 35.0 | 42.7 | 9 300 | 36.9 | 41.6 | 9 500 | | | | 64.0 | | |

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| BOOM LGTH. METERS | BOOM LGTH. FEET | JIB OPER. RADIUS METERS | 5 DEGREE OFFSET | | | 15 DEGREE OFFSET | | | 30 DEGREE OFFSET | | | JIB OPER. RADIUS METERS |
|-------------------|-----------------|-------------------------|-----------------|------------------------|--------------------|------------------|------------------------|--------------------|------------------|------------------------|--------------------|-------------------------|
| | | | BOOM ANG. DEG. | JIB POINT ELEV. METERS | CAPACITY KILOGRAMS | BOOM ANG. DEG. | JIB POINT ELEV. METERS | CAPACITY KILOGRAMS | BOOM ANG. DEG. | JIB POINT ELEV. METERS | CAPACITY KILOGRAMS | |
| 5 7 9 | 1 9 0 | 18.3 | 79.9 | 77.9 | 32 900*b | | | | | | | 18.3 |
| | | 20.0 | 78.6 | 77.5 | 32 300* | | | | | | | 20.0 |
| | | 22.0 | 77.1 | 77.0 | 31 600* | 79.5 | 76.4 | 26 700* | | | | 22.0 |
| | | 24.0 | 75.5 | 76.4 | 31 000* | 77.9 | 75.8 | 26 300* | | | | 24.0 |
| | | 26.0 | 74.0 | 75.8 | 30 400* | 76.4 | 75.2 | 25 900* | 78.8 | 73.9 | 18 500* | 26.0 |
| | | 28.0 | 72.4 | 75.1 | 29 800* | 74.8 | 74.5 | 25 600* | 77.1 | 73.2 | 17 900* | 28.0 |
| | | 30.0 | 70.8 | 74.3 | 29 300* | 73.2 | 73.7 | 25 200* | 75.5 | 72.4 | 17 400* | 30.0 |
| | | 32.0 | 69.2 | 73.5 | 28 800* | 71.5 | 72.9 | 24 900* | 73.8 | 71.6 | 16 900* | 32.0 |
| | | 34.0 | 67.6 | 72.6 | 28 300* | 69.9 | 72.0 | 24 600* | 72.2 | 70.7 | 16 400* | 34.0 |
| | | 36.0 | 65.9 | 71.7 | 26 900 | 68.2 | 71.0 | 24 000* | 70.5 | 69.7 | 15 900* | 36.0 |
| | | 38.0 | 64.2 | 70.7 | 24 500 | 66.5 | 70.0 | 23 200* | 68.7 | 68.6 | 15 500* | 38.0 |
| | | 40.0 | 62.5 | 69.6 | 22 500 | 64.8 | 68.9 | 22 500* | 67.0 | 67.5 | 15 200* | 40.0 |
| | | 44.0 | 59.0 | 67.1 | 19 100 | 61.3 | 66.4 | 19 700 | 63.4 | 65.0 | 14 500* | 44.0 |
| | | 48.0 | 55.4 | 64.3 | 16 300 | 57.6 | 63.6 | 16 900 | 59.6 | 62.1 | 13 900* | 48.0 |
| | | 52.0 | 51.5 | 61.1 | 14 000 | 53.7 | 60.3 | 14 500 | 55.6 | 58.7 | 13 300* | 52.0 |
| 56.0 | 47.5 | 57.4 | 12 100 | 49.6 | 56.6 | 12 500 | 51.3 | 54.9 | 12 700 | 56.0 | | |
| 60.0 | 43.1 | 53.1 | 10 400 | 45.1 | 52.2 | 10 700 | | | | 60.0 | | |
| 64.0 | 38.3 | 48.1 | 9 000 | | | 9 200 | | | | 64.0 | | |
| 68.0 | 32.9 | 42.0 | 7 700 | | | | | | | 68.0 | | |
| 6 1 0 | 2 0 0 | 18.3 | 80.3 | 81.0 | 33 100*b | | | | | | | 18.3 |
| | | 20.0 | 79.1 | 80.6 | 32 500*b | | | | | | | 20.0 |
| | | 22.0 | 77.6 | 80.1 | 31 800* | 79.9 | 79.5 | 26 800* | | | | 22.0 |
| | | 24.0 | 76.1 | 79.6 | 31 200* | 78.4 | 79.0 | 26 400* | | | | 24.0 |
| | | 26.0 | 74.6 | 79.0 | 30 600* | 76.9 | 78.4 | 26 100* | 79.2 | 77.1 | 18 700* | 26.0 |
| | | 28.0 | 73.1 | 78.3 | 30 000* | 75.4 | 77.7 | 25 700* | 77.7 | 76.4 | 18 100* | 28.0 |
| | | 30.0 | 71.6 | 77.6 | 29 500* | 73.8 | 77.0 | 25 400* | 76.1 | 75.7 | 17 500* | 30.0 |
| | | 32.0 | 70.0 | 76.8 | 29 000* | 72.3 | 76.2 | 25 100* | 74.5 | 74.9 | 17 100* | 32.0 |
| | | 34.0 | 68.5 | 76.0 | 28 400* | 70.7 | 75.3 | 24 700* | 72.9 | 74.0 | 16 600* | 34.0 |
| | | 36.0 | 66.9 | 75.1 | 26 500 | 69.1 | 74.4 | 24 400* | 71.3 | 73.1 | 16 200* | 36.0 |
| | | 38.0 | 65.3 | 74.1 | 24 100 | 67.5 | 73.4 | 23 600* | 69.7 | 72.1 | 15 800* | 38.0 |
| | | 40.0 | 63.7 | 73.1 | 22 100 | 65.9 | 72.4 | 22 800* | 68.0 | 71.0 | 15 300* | 40.0 |
| | | 44.0 | 60.4 | 70.7 | 18 700 | 62.5 | 70.0 | 19 400 | 64.6 | 68.6 | 14 700* | 44.0 |
| | | 48.0 | 56.9 | 68.1 | 16 000 | 59.0 | 67.3 | 16 500 | 61.0 | 65.8 | 14 100* | 48.0 |
| | | 52.0 | 53.3 | 65.1 | 13 700 | 55.4 | 64.3 | 14 100 | 57.3 | 62.7 | 13 500* | 52.0 |
| 56.0 | 49.5 | 61.6 | 11 700 | 51.6 | 60.8 | 12 200 | 53.3 | 59.1 | 12 500 | 56.0 | | |
| 60.0 | 45.5 | 57.7 | 10 100 | 47.5 | 56.8 | 10 400 | 49.1 | 55.0 | 10 700 | 60.0 | | |
| 64.0 | 41.1 | 53.1 | 8 600 | 43.0 | 52.1 | 8 900 | | | | 64.0 | | |
| 68.0 | 36.3 | 47.7 | 7 300 | 38.1 | 46.6 | 7 600 | | | | 68.0 | | |
| 72.0 | 30.8 | 41.2 | 6 200 | | | | | | | 72.0 | | |
| 6 4 0 | 2 1 0 | 18.3 | 80.7 | 84.1 | 33 200*b | | | | | | | 18.3 |
| | | 20.0 | 79.5 | 83.8 | 32 600*b | | | | | | | 20.0 |
| | | 22.0 | 78.1 | 83.3 | 32 000* | 80.3 | 82.7 | 26 900* | | | | 22.0 |
| | | 24.0 | 76.6 | 82.8 | 31 400* | 78.9 | 82.1 | 26 500* | | | | 24.0 |
| | | 26.0 | 75.2 | 82.2 | 30 900* | 77.4 | 81.5 | 26 200* | 79.6 | 80.3 | 18 800* | 26.0 |
| | | 28.0 | 73.7 | 81.5 | 30 300* | 76.0 | 80.9 | 25 800* | 78.2 | 79.6 | 18 300* | 28.0 |
| | | 30.0 | 72.3 | 80.9 | 29 800* | 74.5 | 80.2 | 25 500* | 76.7 | 78.9 | 17 700* | 30.0 |
| | | 32.0 | 70.8 | 80.1 | 29 300* | 73.0 | 79.5 | 25 200* | 75.1 | 78.1 | 17 200* | 32.0 |
| | | 34.0 | 69.3 | 79.3 | 28 600* | 71.5 | 78.6 | 24 900* | 73.6 | 77.3 | 16 800* | 34.0 |
| | | 36.0 | 67.8 | 78.4 | 26 300 | 70.0 | 77.8 | 24 600* | 72.1 | 76.4 | 16 300* | 36.0 |
| | | 38.0 | 66.3 | 77.5 | 24 000 | 68.4 | 76.8 | 24 000* | 70.5 | 75.5 | 15 900* | 38.0 |
| | | 40.0 | 64.7 | 76.5 | 22 000 | 66.9 | 75.8 | 22 900 | 68.9 | 74.4 | 15 600* | 40.0 |
| | | 44.0 | 61.6 | 74.3 | 18 600 | 63.7 | 73.6 | 19 300 | 65.6 | 72.1 | 14 900* | 44.0 |
| | | 48.0 | 58.3 | 71.8 | 15 800 | 60.4 | 71.0 | 16 400 | 62.3 | 69.6 | 14 300* | 48.0 |
| | | 52.0 | 54.9 | 68.9 | 13 500 | 56.9 | 68.2 | 14 000 | 58.8 | 66.6 | 13 700* | 52.0 |
| 56.0 | 51.4 | 65.7 | 11 600 | 53.3 | 64.9 | 12 000 | 55.1 | 63.3 | 12 400 | 56.0 | | |
| 60.0 | 47.6 | 62.0 | 9 900 | 49.5 | 61.2 | 10 300 | 51.2 | 59.4 | 10 600 | 60.0 | | |
| 64.0 | 43.6 | 57.8 | 8 500 | 45.5 | 56.9 | 8 800 | 46.9 | 55.0 | 9 000 | 64.0 | | |
| 68.0 | 39.2 | 52.9 | 7 200 | 41.0 | 51.9 | 7 500 | | | | 68.0 | | |
| 72.0 | 34.4 | 47.2 | 6 100 | 36.0 | 46.0 | 6 300 | | | | 72.0 | | |
| 76.0 | 28.7 | 40.1 | 5 100 | | | | | | | 76.0 | | |

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220

LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250T

JIB NO. 132 WITH 6 096 mm STRUT ON
BOOM NO. 44A WITH HEAVY LIFT TOP
80 560 kg CRANE COUNTERWEIGHT
360 DEGREE RATING
ON SPREAD OUTRIGGERS

18.3m (60 FT.) JIB

| BOOM LGTH. METERS | BOOM LGTH. FEET | JIB OPER. RADIUS METERS | 5 DEGREE OFFSET | | | 15 DEGREE OFFSET | | | 30 DEGREE OFFSET | | | JIB OPER. RADIUS METERS |
|-------------------|-----------------|-------------------------|-----------------|------------------------|--------------------|------------------|------------------------|--------------------|------------------|------------------------|--------------------|-------------------------|
| | | | BOOM ANG. DEG. | JIB POINT ELEV. METERS | CAPACITY KILOGRAMS | BOOM ANG. DEG. | JIB POINT ELEV. METERS | CAPACITY KILOGRAMS | BOOM ANG. DEG. | JIB POINT ELEV. METERS | CAPACITY KILOGRAMS | |
| 67.1 | 22.0 | 19.8 | 80.0 | 86.9 | 32 900*b | | | | | | | 19.8 |
| | | 20.0 | 79.9 | 86.9 | 32 800*b | | | | | | | 20.0 |
| | | 22.0 | 78.5 | 86.4 | 32 200*b | | | | | | | 22.0 |
| | | 24.0 | 77.1 | 85.9 | 31 600* | 79.3 | 85.3 | 26 600* | | | | 24.0 |
| | | 26.0 | 75.7 | 85.4 | 31 000* | 77.9 | 84.7 | 26 300* | 80.0 | 83.4 | 19 000* | 26.0 |
| | | 28.0 | 74.3 | 84.7 | 30 500* | 76.5 | 84.1 | 25 900* | 78.6 | 82.8 | 18 400* | 28.0 |
| | | 30.0 | 72.9 | 84.1 | 30 000* | 75.1 | 83.4 | 25 600* | 77.2 | 82.1 | 17 900* | 30.0 |
| | | 32.0 | 71.5 | 83.4 | 29 500* | 73.6 | 82.7 | 25 300* | 75.7 | 81.4 | 17 400* | 32.0 |
| | | 34.0 | 70.1 | 82.6 | 28 700* | 72.2 | 81.9 | 25 000* | 74.2 | 80.6 | 17 000* | 34.0 |
| | | 36.0 | 68.6 | 81.8 | 25 900 | 70.7 | 81.1 | 24 800* | 72.8 | 79.7 | 16 500* | 36.0 |
| | | 38.0 | 67.2 | 80.9 | 23 700 | 69.3 | 80.2 | 24 400* | 71.3 | 78.8 | 16 200* | 38.0 |
| | | 40.0 | 65.7 | 79.9 | 21 700 | 67.8 | 79.2 | 22 500 | 69.7 | 77.8 | 15 800* | 40.0 |
| | | 44.0 | 62.7 | 77.8 | 18 200 | 64.7 | 77.1 | 19 000 | 66.6 | 75.7 | 15 100* | 44.0 |
| | | 48.0 | 59.6 | 75.4 | 15 500 | 61.6 | 74.7 | 16 100 | 63.4 | 73.2 | 14 500* | 48.0 |
| | | 52.0 | 56.4 | 72.7 | 13 200 | 58.3 | 72.0 | 13 700 | 60.1 | 70.4 | 13 900* | 52.0 |
| | | 56.0 | 53.0 | 69.7 | 11 200 | 54.9 | 68.9 | 11 700 | 56.6 | 67.3 | 12 100 | 56.0 |
| 60.0 | 49.5 | 66.2 | 9 600 | 51.4 | 65.4 | 10 000 | 53.0 | 63.7 | 10 300 | 60.0 | | |
| 64.0 | 45.8 | 62.3 | 8 100 | 47.6 | 61.4 | 8 400 | 49.1 | 59.6 | 8 800 | 64.0 | | |
| 68.0 | 41.7 | 57.8 | 6 800 | 43.5 | 56.9 | 7 100 | | | | 68.0 | | |
| 72.0 | 37.4 | 52.6 | 5 700 | 39.1 | 51.6 | 5 900 | | | | 72.0 | | |
| 76.0 | 32.5 | 46.5 | 4 700 | | | | | | | 76.0 | | |
| 70.1 | 23.0 | 19.8 | 80.3 | 90.0 | 33 100*b | | | | | | | 19.8 |
| | | 20.0 | 80.2 | 90.0 | 33 000*b | | | | | | | 20.0 |
| | | 22.0 | 78.9 | 89.5 | 32 400*b | | | | | | | 22.0 |
| | | 24.0 | 77.6 | 89.1 | 31 800* | 79.7 | 88.4 | 26 700* | | | | 24.0 |
| | | 26.0 | 76.2 | 88.5 | 31 300* | 78.3 | 87.9 | 26 400* | 80.4 | 86.6 | 19 200* | 26.0 |
| | | 28.0 | 74.9 | 87.9 | 30 700* | 77.0 | 87.3 | 26 100* | 79.0 | 86.0 | 18 600* | 28.0 |
| | | 30.0 | 73.5 | 87.3 | 30 200* | 75.6 | 86.6 | 25 700* | 77.6 | 85.3 | 18 100* | 30.0 |
| | | 32.0 | 72.2 | 86.6 | 29 800* | 74.2 | 85.9 | 25 400* | 76.2 | 84.6 | 17 600* | 32.0 |
| | | 34.0 | 70.8 | 85.9 | 28 300 | 72.8 | 85.2 | 25 200* | 74.8 | 83.9 | 17 200* | 34.0 |
| | | 36.0 | 69.4 | 85.1 | 25 600 | 71.4 | 84.4 | 24 900* | 73.4 | 83.0 | 16 700* | 36.0 |
| | | 38.0 | 68.0 | 84.2 | 23 400 | 70.0 | 83.5 | 24 200 | 72.0 | 82.2 | 16 300* | 38.0 |
| | | 40.0 | 66.6 | 83.3 | 21 400 | 68.6 | 82.6 | 22 200 | 70.5 | 81.2 | 16 000* | 40.0 |
| | | 44.0 | 63.7 | 81.3 | 17 900 | 65.7 | 80.6 | 18 700 | 67.6 | 79.1 | 15 300* | 44.0 |
| | | 48.0 | 60.7 | 79.0 | 15 200 | 62.7 | 78.3 | 15 800 | 64.5 | 76.8 | 14 700* | 48.0 |
| | | 52.0 | 57.7 | 76.4 | 12 900 | 59.6 | 75.7 | 13 400 | 61.3 | 74.2 | 14 000 | 52.0 |
| | | 56.0 | 54.5 | 73.5 | 10 900 | 56.4 | 72.8 | 11 400 | 58.1 | 71.2 | 11 800 | 56.0 |
| 60.0 | 51.2 | 70.3 | 9 200 | 53.0 | 69.5 | 9 700 | 54.6 | 67.8 | 10 100 | 60.0 | | |
| 64.0 | 47.7 | 66.6 | 7 800 | 49.5 | 65.8 | 8 200 | 51.0 | 64.0 | 8 500 | 64.0 | | |
| 68.0 | 44.0 | 62.5 | 6 500 | 45.7 | 61.6 | 6 800 | 47.1 | 59.7 | 7 100 | 68.0 | | |
| 72.0 | 40.0 | 57.7 | 5 400 | 41.6 | 56.7 | 5 700 | | | | 72.0 | | |
| 76.0 | 35.6 | 52.2 | 4 400 | 37.2 | 51.1 | 4 600 | | | | 76.0 | | |
| 80.0 | 30.6 | 45.6 | 3 500 | | | | | | | 80.0 | | |
| 73.2 | 24.0 | 19.8 | 80.7 | 93.1 | 33 200*b | | | | | | | 19.8 |
| | | 20.0 | 80.5 | 93.1 | 33 100*b | | | | | | | 20.0 |
| | | 22.0 | 79.3 | 92.7 | 32 500*b | | | | | | | 22.0 |
| | | 24.0 | 78.0 | 92.2 | 32 000* | 80.0 | 91.6 | 26 800* | | | | 24.0 |
| | | 26.0 | 76.7 | 91.7 | 31 500* | 78.7 | 91.0 | 26 500* | 80.7 | 89.7 | 19 300* | 26.0 |
| | | 28.0 | 75.4 | 91.1 | 30 900* | 77.4 | 90.5 | 26 200* | 79.4 | 89.1 | 18 800* | 28.0 |
| | | 30.0 | 74.1 | 90.5 | 30 400* | 76.1 | 89.8 | 25 900* | 78.1 | 88.5 | 18 200* | 30.0 |
| | | 32.0 | 72.8 | 89.8 | 30 000* | 74.8 | 89.2 | 25 600* | 76.7 | 87.8 | 17 800* | 32.0 |
| | | 34.0 | 71.5 | 89.1 | 28 000 | 73.4 | 88.5 | 25 300* | 75.4 | 87.1 | 17 300* | 34.0 |
| | | 36.0 | 70.1 | 88.4 | 25 300 | 72.1 | 87.7 | 25 000* | 74.0 | 86.3 | 16 900* | 36.0 |
| | | 38.0 | 68.8 | 87.5 | 23 000 | 70.7 | 86.8 | 24 000 | 72.6 | 85.5 | 16 500* | 38.0 |
| | | 40.0 | 67.4 | 86.6 | 21 000 | 69.4 | 86.0 | 21 900 | 71.2 | 84.6 | 16 200* | 40.0 |
| | | 44.0 | 64.7 | 84.7 | 17 600 | 66.6 | 84.0 | 18 400 | 68.4 | 82.6 | 15 500* | 44.0 |
| | | 48.0 | 61.8 | 82.5 | 14 800 | 63.7 | 81.8 | 15 500 | 65.5 | 80.3 | 14 900* | 48.0 |
| | | 52.0 | 58.9 | 80.1 | 12 500 | 60.8 | 79.3 | 13 100 | 62.5 | 77.8 | 13 700 | 52.0 |
| | | 56.0 | 55.9 | 77.3 | 10 500 | 57.7 | 76.6 | 11 100 | 59.4 | 75.0 | 11 500 | 56.0 |
| 60.0 | 52.7 | 74.3 | 8 800 | 54.5 | 73.5 | 9 300 | 56.1 | 71.8 | 9 700 | 60.0 | | |
| 64.0 | 49.5 | 70.8 | 7 400 | 51.2 | 70.0 | 7 800 | 52.7 | 68.2 | 8 200 | 64.0 | | |
| 68.0 | 46.0 | 66.9 | 6 100 | 47.7 | 66.0 | 6 500 | 49.1 | 64.2 | 6 800 | 68.0 | | |
| 72.0 | 42.3 | 62.5 | 5 000 | 43.9 | 61.6 | 5 300 | | | | 72.0 | | |
| 76.0 | 38.3 | 57.5 | 4 000 | 39.8 | 56.4 | 4 300 | | | | 76.0 | | |
| 80.0 | 33.8 | 51.6 | 3 100 | 35.3 | 50.4 | 3 300 | | | | 80.0 | | |

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220

LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250T

JIB NO. 132 WITH 6 096 mm STRUT ON
BOOM NO. 44A WITH HEAVY LIFT TOP
80 560 kg CRANE COUNTERWEIGHT
360 DEGREE RATING
ON SPREAD OUTRIGGERS

18.3m (60 FT.) JIB

| BOOM LGTH. METERS | BOOM LGTH. FEET | JIB OPER. RADIUS METERS | 5 DEGREE OFFSET | | | 15 DEGREE OFFSET | | | 30 DEGREE OFFSET | | | JIB OPER. RADIUS METERS |
|-------------------|-----------------|-------------------------|-----------------|------------------------|--------------------|------------------|------------------------|--------------------|------------------|------------------------|--------------------|-------------------------|
| | | | BOOM ANG. DEG. | JIB POINT ELEV. METERS | CAPACITY KILOGRAMS | BOOM ANG. DEG. | JIB POINT ELEV. METERS | CAPACITY KILOGRAMS | BOOM ANG. DEG. | JIB POINT ELEV. METERS | CAPACITY KILOGRAMS | |
| 76.2 | 250 | 19.8 | 81.0 | 96.2 | 27 200*b | | | | | | | 19.8 |
| | | 20.0 | 80.9 | 96.2 | 27 200*b | | | | | | | 20.0 |
| | | 22.0 | 79.6 | 95.8 | 27 200*b | | | | | | | 22.0 |
| | | 24.0 | 78.4 | 95.3 | 27 200* | | | | | | | 24.0 |
| | | 26.0 | 77.1 | 94.8 | 27 200* | 79.1 | 94.2 | 26 600* | | | | 26.0 |
| | | 28.0 | 75.9 | 94.3 | 27 200* | 77.8 | 93.6 | 26 300* | 79.8 | 92.3 | 18 900* | 28.0 |
| | | 30.0 | 74.6 | 93.7 | 27 200* | 76.6 | 93.0 | 26 000* | 78.5 | 91.7 | 18 400* | 30.0 |
| | | 32.0 | 73.4 | 93.1 | 27 200* | 75.3 | 92.4 | 25 700* | 77.2 | 91.0 | 17 900* | 32.0 |
| | | 34.0 | 72.1 | 92.4 | 26 900* | 74.0 | 91.7 | 25 400* | 75.9 | 90.3 | 17 500* | 34.0 |
| | | 36.0 | 70.8 | 91.6 | 25 300 | 72.7 | 90.9 | 25 100* | 74.6 | 89.6 | 17 100* | 36.0 |
| | | 38.0 | 69.5 | 90.8 | 22 900 | 71.4 | 90.1 | 23 900 | 73.2 | 88.8 | 16 700* | 38.0 |
| | | 40.0 | 68.2 | 90.0 | 20 900 | 70.1 | 89.3 | 21 800 | 71.9 | 87.9 | 16 300* | 40.0 |
| | | 44.0 | 65.5 | 88.1 | 17 400 | 67.4 | 87.4 | 18 200 | 69.2 | 86.0 | 15 600* | 44.0 |
| | | 48.0 | 62.8 | 86.0 | 14 700 | 64.7 | 85.3 | 15 400 | 66.4 | 83.8 | 15 000* | 48.0 |
| | | 52.0 | 60.0 | 83.7 | 12 300 | 61.8 | 82.9 | 13 000 | 63.5 | 81.4 | 13 500 | 52.0 |
| | | 56.0 | 57.1 | 81.1 | 10 400 | 58.9 | 80.3 | 10 900 | 60.5 | 78.7 | 11 400 | 56.0 |
| | | 60.0 | 54.2 | 78.2 | 8 700 | 55.9 | 77.4 | 9 200 | 57.5 | 75.7 | 9 600 | 60.0 |
| | | 64.0 | 51.0 | 74.9 | 7 300 | 52.8 | 74.1 | 7 700 | 54.2 | 72.4 | 8 000 | 64.0 |
| 68.0 | 47.8 | 71.2 | 6 000 | 49.5 | 70.4 | 6 300 | 50.8 | 68.6 | 6 700 | 68.0 | | |
| 72.0 | 44.3 | 67.1 | 4 800 | 46.0 | 66.2 | 5 200 | 47.2 | 64.3 | 5 400 | 72.0 | | |
| 76.0 | 40.6 | 62.5 | 3 900 | 42.2 | 61.5 | 4 100 | | | | 76.0 | | |
| 80.0 | 36.6 | 57.2 | 3 000 | 38.1 | 56.0 | 3 200 | | | | 80.0 | | |
| 79.2 | 260 | 21.3 | 80.4 | 99.0 | 27 200*b | | | | | | | 21.3 |
| | | 22.0 | 79.9 | 98.9 | 27 200*b | | | | | | | 22.0 |
| | | 24.0 | 78.8 | 98.5 | 27 200* | | | | | | | 24.0 |
| | | 26.0 | 77.6 | 98.0 | 27 200* | 79.4 | 97.3 | 26 700* | | | | 26.0 |
| | | 28.0 | 76.3 | 97.5 | 27 200* | 78.2 | 96.8 | 26 400* | 80.1 | 95.5 | 19 000* | 28.0 |
| | | 30.0 | 75.1 | 96.9 | 27 200* | 77.0 | 96.2 | 26 100* | 78.9 | 94.9 | 18 500* | 30.0 |
| | | 32.0 | 73.9 | 96.3 | 27 200* | 75.8 | 95.6 | 25 800* | 77.6 | 94.2 | 18 100* | 32.0 |
| | | 34.0 | 72.7 | 95.6 | 26 800* | 74.5 | 94.9 | 25 500* | 76.4 | 93.6 | 17 600* | 34.0 |
| | | 36.0 | 71.4 | 94.9 | 24 900 | 73.3 | 94.2 | 25 200* | 75.1 | 92.8 | 17 200* | 36.0 |
| | | 38.0 | 70.2 | 94.1 | 22 600 | 72.0 | 93.4 | 23 600 | 73.8 | 92.0 | 16 800* | 38.0 |
| | | 40.0 | 68.9 | 93.3 | 20 500 | 70.7 | 92.6 | 21 500 | 72.5 | 91.2 | 16 500* | 40.0 |
| | | 44.0 | 66.4 | 91.5 | 17 100 | 68.2 | 90.8 | 17 900 | 69.9 | 89.4 | 15 800* | 44.0 |
| | | 48.0 | 63.7 | 89.5 | 14 300 | 65.5 | 88.8 | 15 000 | 67.2 | 87.3 | 15 200* | 48.0 |
| | | 52.0 | 61.1 | 87.3 | 12 000 | 62.8 | 86.5 | 12 600 | 64.5 | 85.0 | 13 300 | 52.0 |
| | | 56.0 | 58.3 | 84.8 | 10 000 | 60.0 | 84.0 | 10 600 | 61.6 | 82.4 | 11 100 | 56.0 |
| | | 60.0 | 55.5 | 82.0 | 8 300 | 57.2 | 81.2 | 8 800 | 58.7 | 79.6 | 9 300 | 60.0 |
| | | 64.0 | 52.5 | 78.9 | 6 900 | 54.2 | 78.0 | 7 300 | 55.6 | 76.4 | 7 700 | 64.0 |
| | | 68.0 | 49.4 | 75.4 | 5 600 | 51.1 | 74.6 | 6 000 | 52.4 | 72.8 | 6 400 | 68.0 |
| 72.0 | 46.2 | 71.6 | 4 500 | 47.8 | 70.7 | 4 800 | 49.1 | 68.8 | 5 100 | 72.0 | | |
| 76.0 | 42.7 | 67.2 | 3 500 | 44.3 | 66.3 | 3 800 | | | | 76.0 | | |
| 80.0 | 39.0 | 62.3 | 2 600 | 40.5 | 61.3 | 2 800 | | | | 80.0 | | |

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220

LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250T

JIB NO. 132 WITH 6 096 mm STRUT ON
BOOM NO. 44A WITH HEAVY LIFT TOP
80 560 kg CRANE COUNTERWEIGHT
360 DEGREE RATING
ON SPREAD OUTRIGGERS

24.4m (80 FT.) JIB

| BOOM LGTH. METERS | BOOM LGTH. FEET | JIB OPER. RADIUS METERS | 5 DEGREE OFFSET | | | 15 DEGREE OFFSET | | | 30 DEGREE OFFSET | | | JIB OPER. RADIUS METERS |
|-------------------|-----------------|-------------------------|-----------------|------------------------|--------------------|------------------|------------------------|--------------------|------------------|------------------------|--------------------|-------------------------|
| | | | BOOM ANG. DEG. | JIB POINT ELEV. METERS | CAPACITY KILOGRAMS | BOOM ANG. DEG. | JIB POINT ELEV. METERS | CAPACITY KILOGRAMS | BOOM ANG. DEG. | JIB POINT ELEV. METERS | CAPACITY KILOGRAMS | |
| 39.6 | 130 | 16.8 | 80.1 | 65.7 | 23 300* | | | | | | | 16.8 |
| | | 18.0 | 79.0 | 65.4 | 22 900* | | | | | | | 18.0 |
| | | 20.0 | 77.2 | 64.9 | 22 300* | | | | | | | 20.0 |
| | | 22.0 | 75.3 | 64.3 | 21 700* | 79.2 | 63.6 | 19 700* | | | | 22.0 |
| | | 24.0 | 73.5 | 63.6 | 21 100* | 77.3 | 62.9 | 19 300* | | | | 24.0 |
| | | 26.0 | 71.6 | 62.8 | 20 600* | 75.4 | 62.1 | 18 900* | 79.3 | 60.7 | 14 800* | 26.0 |
| | | 28.0 | 69.6 | 62.0 | 20 100* | 73.4 | 61.3 | 18 500* | 77.3 | 59.8 | 14 200* | 28.0 |
| | | 30.0 | 67.7 | 61.0 | 19 700* | 71.5 | 60.3 | 18 100* | 75.3 | 58.9 | 13 600* | 30.0 |
| | | 32.0 | 65.7 | 60.0 | 19 200* | 69.5 | 59.3 | 17 800* | 73.2 | 57.8 | 13 100* | 32.0 |
| | | 34.0 | 63.7 | 58.9 | 18 800* | 67.4 | 58.2 | 17 400* | 71.1 | 56.7 | 12 700* | 34.0 |
| | | 36.0 | 61.6 | 57.8 | 18 400* | 65.3 | 57.0 | 17 100* | 68.9 | 55.4 | 12 200* | 36.0 |
| | | 38.0 | 59.5 | 56.5 | 18 000* | 63.2 | 55.7 | 16 800* | 66.7 | 54.1 | 11 900* | 38.0 |
| 40.0 | 57.3 | 55.1 | 17 700* | 61.0 | 54.3 | 16 600* | 64.5 | 52.6 | 11 500* | 40.0 | | |
| 44.0 | 52.8 | 51.9 | 17 000* | 56.4 | 51.0 | 15 400* | 59.7 | 49.3 | 10 800* | 44.0 | | |
| 48.0 | 48.0 | 48.2 | 16 500* | 51.4 | 47.2 | 14 300* | 54.5 | 45.3 | 10 300* | 48.0 | | |
| 52.0 | 42.6 | 43.7 | 16 000* | 46.0 | 42.7 | 13 400* | 48.8 | 40.5 | 9 800* | 52.0 | | |
| 56.0 | 36.6 | 38.2 | 14 600 | 39.8 | 37.1 | 12 600* | | | | 56.0 | | |
| 42.7 | 140 | 16.8 | 80.6 | 68.8 | 23 500* | | | | | | | 16.8 |
| | | 18.0 | 79.6 | 68.6 | 23 100* | | | | | | | 18.0 |
| | | 20.0 | 77.8 | 68.0 | 22 500* | | | | | | | 20.0 |
| | | 22.0 | 76.0 | 67.5 | 21 900* | 79.7 | 66.8 | 19 900* | | | | 22.0 |
| | | 24.0 | 74.3 | 66.8 | 21 400* | 77.9 | 66.1 | 19 400* | | | | 24.0 |
| | | 26.0 | 72.4 | 66.1 | 20 900* | 76.1 | 65.4 | 19 000* | 79.8 | 63.9 | 14 900* | 26.0 |
| | | 28.0 | 70.6 | 65.3 | 20 400* | 74.3 | 64.6 | 18 700* | 77.9 | 63.1 | 14 400* | 28.0 |
| | | 30.0 | 68.8 | 64.4 | 19 900* | 72.4 | 63.7 | 18 300* | 76.0 | 62.2 | 13 800* | 30.0 |
| | | 32.0 | 66.9 | 63.5 | 19 500* | 70.5 | 62.7 | 18 000* | 74.1 | 61.2 | 13 300* | 32.0 |
| | | 34.0 | 65.0 | 62.4 | 19 100* | 68.6 | 61.7 | 17 600* | 72.1 | 60.1 | 12 900* | 34.0 |
| | | 36.0 | 63.0 | 61.3 | 18 700* | 66.6 | 60.5 | 17 300* | 70.1 | 59.0 | 12 500* | 36.0 |
| | | 38.0 | 61.1 | 60.1 | 18 300* | 64.6 | 59.3 | 17 000* | 68.0 | 57.7 | 12 100* | 38.0 |
| 40.0 | 59.0 | 58.8 | 18 000* | 62.5 | 58.0 | 16 800* | 65.9 | 56.3 | 11 700* | 40.0 | | |
| 44.0 | 54.8 | 55.8 | 17 300* | 58.2 | 55.0 | 15 900* | 61.5 | 53.2 | 11 000* | 44.0 | | |
| 48.0 | 50.4 | 52.4 | 16 700* | 53.7 | 51.5 | 14 800* | 56.8 | 49.6 | 10 500* | 48.0 | | |
| 52.0 | 45.5 | 48.4 | 16 200* | 48.8 | 47.4 | 13 800* | 51.6 | 45.3 | 10 000* | 52.0 | | |
| 56.0 | 40.2 | 43.5 | 14 200 | 43.3 | 42.4 | 13 000* | | | | 56.0 | | |
| 60.0 | 34.1 | 37.6 | 12 600 | 37.1 | 36.3 | 12 400* | | | | 60.0 | | |
| 45.7 | 150 | 18.3 | 79.8 | 71.6 | 23 200* | | | | | | | 18.3 |
| | | 20.0 | 78.3 | 71.2 | 22 700* | | | | | | | 20.0 |
| | | 22.0 | 76.7 | 70.6 | 22 100* | 80.2 | 69.9 | 20 000* | | | | 22.0 |
| | | 24.0 | 75.0 | 70.0 | 21 600* | 78.5 | 69.3 | 19 600* | | | | 24.0 |
| | | 26.0 | 73.2 | 69.3 | 21 100* | 76.7 | 68.6 | 19 200* | 80.3 | 67.1 | 15 100* | 26.0 |
| | | 28.0 | 71.5 | 68.6 | 20 600* | 75.0 | 67.8 | 18 800* | 78.5 | 66.3 | 14 500* | 28.0 |
| | | 30.0 | 69.8 | 67.7 | 20 200* | 73.2 | 67.0 | 18 500* | 76.7 | 65.5 | 14 000* | 30.0 |
| | | 32.0 | 68.0 | 66.8 | 19 700* | 71.4 | 66.1 | 18 100* | 74.8 | 64.5 | 13 500* | 32.0 |
| | | 34.0 | 66.2 | 65.9 | 19 300* | 69.6 | 65.1 | 17 800* | 73.0 | 63.5 | 13 100* | 34.0 |
| | | 36.0 | 64.3 | 64.8 | 18 900* | 67.7 | 64.0 | 17 500* | 71.1 | 62.4 | 12 700* | 36.0 |
| | | 38.0 | 62.5 | 63.7 | 18 600* | 65.8 | 62.9 | 17 200* | 69.1 | 61.2 | 12 300* | 38.0 |
| | | 40.0 | 60.6 | 62.4 | 18 200* | 63.9 | 61.6 | 17 000* | 67.1 | 60.0 | 11 900* | 40.0 |
| 44.0 | 56.6 | 59.7 | 17 600* | 59.9 | 58.8 | 16 300* | 63.0 | 57.1 | 11 300* | 44.0 | | |
| 48.0 | 52.5 | 56.5 | 17 000* | 55.7 | 55.6 | 15 200* | 58.7 | 53.7 | 10 700* | 48.0 | | |
| 52.0 | 48.0 | 52.8 | 15 900 | 51.2 | 51.8 | 14 300* | 54.0 | 49.8 | 10 200* | 52.0 | | |
| 56.0 | 43.2 | 48.4 | 13 900 | 46.3 | 47.3 | 13 400* | 48.8 | 45.1 | 9 800* | 56.0 | | |
| 60.0 | 37.9 | 43.2 | 12 200 | 40.8 | 42.0 | 12 500 | | | | 60.0 | | |
| 64.0 | 31.7 | 36.7 | 10 700 | 34.4 | 35.3 | 11 000 | | | | 64.0 | | |

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220

LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250T

JIB NO. 132 WITH 6 096 mm STRUT ON
BOOM NO. 44A WITH HEAVY LIFT TOP
80 560 kg CRANE COUNTERWEIGHT
360 DEGREE RATING
ON SPREAD OUTRIGGERS

24.4m (80 FT.) JIB

| BOOM LGTH. METERS | BOOM LGTH. FEET | JIB OPER. RADIUS METERS | 5 DEGREE OFFSET | | | 15 DEGREE OFFSET | | | 30 DEGREE OFFSET | | | JIB OPER. RADIUS METERS |
|-------------------|-----------------|-------------------------|-----------------|------------------------|--------------------|------------------|------------------------|--------------------|------------------|------------------------|--------------------|-------------------------|
| | | | BOOM ANG. DEG. | JIB POINT ELEV. METERS | CAPACITY KILOGRAMS | BOOM ANG. DEG. | JIB POINT ELEV. METERS | CAPACITY KILOGRAMS | BOOM ANG. DEG. | JIB POINT ELEV. METERS | CAPACITY KILOGRAMS | |
| 488 | 160 | 18.3 | 80.2 | 74.7 | 23 300* | | | | | | | 18.3 |
| | | 20.0 | 78.8 | 74.3 | 22 800* | | | | | | | 20.0 |
| | | 22.0 | 77.2 | 73.8 | 22 300* | | | | | | | 22.0 |
| | | 24.0 | 75.6 | 73.2 | 21 800* | 79.0 | 72.5 | 19 700* | | | | 24.0 |
| | | 26.0 | 74.0 | 72.5 | 21 300* | 77.3 | 71.8 | 19 300* | 80.7 | 70.3 | 15 300* | 26.0 |
| | | 28.0 | 72.3 | 71.8 | 20 800* | 75.7 | 71.1 | 18 900* | 79.0 | 69.6 | 14 700* | 28.0 |
| | | 30.0 | 70.6 | 71.0 | 20 400* | 74.0 | 70.3 | 18 600* | 77.3 | 68.8 | 14 200* | 30.0 |
| | | 32.0 | 69.0 | 70.2 | 20 000* | 72.3 | 69.4 | 18 300* | 75.6 | 67.9 | 13 700* | 32.0 |
| | | 34.0 | 67.2 | 69.3 | 19 600* | 70.5 | 68.5 | 17 900* | 73.8 | 66.9 | 13 300* | 34.0 |
| | | 36.0 | 65.5 | 68.3 | 19 200* | 68.8 | 67.5 | 17 600* | 72.0 | 65.9 | 12 900* | 36.0 |
| | | 38.0 | 63.7 | 67.2 | 18 800* | 67.0 | 66.4 | 17 400* | 70.1 | 64.7 | 12 500* | 38.0 |
| | | 40.0 | 61.9 | 66.0 | 18 500* | 65.1 | 65.2 | 17 100* | 68.3 | 63.5 | 12 100* | 40.0 |
| | | 44.0 | 58.2 | 63.4 | 17 800* | 61.4 | 62.6 | 16 600* | 64.4 | 60.8 | 11 500* | 44.0 |
| | | 48.0 | 54.3 | 60.4 | 17 300* | 57.5 | 59.5 | 15 700* | 60.3 | 57.7 | 10 900* | 48.0 |
| | | 52.0 | 50.2 | 57.0 | 15 500 | 53.3 | 56.0 | 14 700* | 56.0 | 54.1 | 10 500* | 52.0 |
| | | 56.0 | 45.8 | 53.0 | 13 500 | 48.8 | 52.0 | 13 800 | 51.4 | 49.8 | 10 000* | 56.0 |
| 60.0 | 41.1 | 48.3 | 11 800 | 43.9 | 47.2 | 12 200 | | | | 60.0 | | |
| 64.0 | 35.7 | 42.7 | 10 400 | 38.4 | 41.4 | 10 700 | | | | 64.0 | | |
| 68.0 | 29.4 | 35.6 | 9 100 | | | | | | | 68.0 | | |
| 518 | 170 | 18.3 | 80.6 | 77.9 | 23 400* | | | | | | | 18.3 |
| | | 20.0 | 79.3 | 77.5 | 23 000* | | | | | | | 20.0 |
| | | 22.0 | 77.7 | 77.0 | 22 500* | | | | | | | 22.0 |
| | | 24.0 | 76.2 | 76.4 | 22 000* | 79.4 | 75.6 | 19 800* | | | | 24.0 |
| | | 26.0 | 74.6 | 75.8 | 21 500* | 77.9 | 75.0 | 19 400* | | | | 26.0 |
| | | 28.0 | 73.1 | 75.1 | 21 000* | 76.3 | 74.3 | 19 100* | 79.5 | 72.8 | 14 900* | 28.0 |
| | | 30.0 | 71.5 | 74.3 | 20 600* | 74.6 | 73.6 | 18 700* | 77.9 | 72.0 | 14 300* | 30.0 |
| | | 32.0 | 69.8 | 73.5 | 20 200* | 73.0 | 72.7 | 18 400* | 76.2 | 71.2 | 13 900* | 32.0 |
| | | 34.0 | 68.2 | 72.6 | 19 800* | 71.4 | 71.8 | 18 100* | 74.5 | 70.2 | 13 500* | 34.0 |
| | | 36.0 | 66.6 | 71.7 | 19 400* | 69.7 | 70.9 | 17 800* | 72.8 | 69.3 | 13 000* | 36.0 |
| | | 38.0 | 64.9 | 70.6 | 19 100* | 68.0 | 69.8 | 17 500* | 71.0 | 68.2 | 12 700* | 38.0 |
| | | 40.0 | 63.2 | 69.5 | 18 700* | 66.3 | 68.7 | 17 300* | 69.3 | 67.0 | 12 300* | 40.0 |
| | | 44.0 | 59.7 | 67.1 | 18 100* | 62.7 | 66.2 | 16 800* | 65.6 | 64.5 | 11 700* | 44.0 |
| | | 48.0 | 56.0 | 64.3 | 17 400* | 59.0 | 63.4 | 16 100* | 61.8 | 61.6 | 11 100* | 48.0 |
| | | 52.0 | 52.2 | 61.1 | 15 200 | 55.1 | 60.1 | 15 100* | 57.8 | 58.2 | 10 600* | 52.0 |
| | | 56.0 | 48.1 | 57.4 | 13 300 | 51.0 | 56.4 | 13 800 | 53.5 | 54.3 | 10 200* | 56.0 |
| 60.0 | 43.8 | 53.1 | 11 600 | 46.5 | 52.0 | 12 000 | 48.9 | 49.7 | 9 800* | 60.0 | | |
| 64.0 | 39.0 | 48.1 | 10 200 | 41.6 | 46.9 | 10 400 | | | | 64.0 | | |
| 68.0 | 33.5 | 42.0 | 8 900 | 36.0 | 40.6 | 9 100 | | | | 68.0 | | |
| 549 | 180 | 18.3 | 81.0 | 81.0 | 23 600* | | | | | | | 18.3 |
| | | 20.0 | 79.7 | 80.6 | 23 100* | | | | | | | 20.0 |
| | | 22.0 | 78.2 | 80.1 | 22 600* | | | | | | | 22.0 |
| | | 24.0 | 76.7 | 79.6 | 22 100* | 79.9 | 78.8 | 19 900* | | | | 24.0 |
| | | 26.0 | 75.2 | 79.0 | 21 700* | 78.3 | 78.2 | 19 500* | | | | 26.0 |
| | | 28.0 | 73.7 | 78.3 | 21 200* | 76.8 | 77.5 | 19 200* | 79.9 | 76.0 | 15 000* | 28.0 |
| | | 30.0 | 72.2 | 77.6 | 20 800* | 75.3 | 76.8 | 18 800* | 78.4 | 75.2 | 14 500* | 30.0 |
| | | 32.0 | 70.7 | 76.8 | 20 400* | 73.7 | 76.0 | 18 500* | 76.8 | 74.4 | 14 100* | 32.0 |
| | | 34.0 | 69.1 | 76.0 | 20 000* | 72.1 | 75.2 | 18 300* | 75.2 | 73.6 | 13 600* | 34.0 |
| | | 36.0 | 67.5 | 75.0 | 19 600* | 70.5 | 74.2 | 18 000* | 73.5 | 72.6 | 13 200* | 36.0 |
| | | 38.0 | 65.9 | 74.1 | 19 300* | 68.9 | 73.3 | 17 700* | 71.9 | 71.6 | 12 800* | 38.0 |
| | | 40.0 | 64.3 | 73.0 | 18 900* | 67.3 | 72.2 | 17 400* | 70.2 | 70.5 | 12 500* | 40.0 |
| | | 44.0 | 61.0 | 70.7 | 18 300* | 63.9 | 69.8 | 16 900* | 66.7 | 68.1 | 11 900* | 44.0 |
| | | 48.0 | 57.5 | 68.1 | 17 300 | 60.4 | 67.2 | 16 500* | 63.2 | 65.3 | 11 300* | 48.0 |
| | | 52.0 | 53.9 | 65.0 | 14 900 | 56.8 | 64.1 | 15 500* | 59.4 | 62.2 | 10 800* | 52.0 |
| | | 56.0 | 50.1 | 61.6 | 12 900 | 52.9 | 60.6 | 13 400 | 55.4 | 58.6 | 10 400* | 56.0 |
| 60.0 | 46.1 | 57.6 | 11 300 | 48.8 | 56.6 | 11 600 | 51.1 | 54.4 | 10 000* | 60.0 | | |
| 64.0 | 41.7 | 53.1 | 9 800 | 44.4 | 51.9 | 10 100 | 46.5 | 49.5 | 9 700* | 64.0 | | |
| 68.0 | 36.9 | 47.7 | 8 500 | 39.4 | 46.4 | 8 800 | | | | 68.0 | | |
| 72.0 | 31.4 | 41.1 | 7 300 | | | | | | | 72.0 | | |

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220

LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250T

JIB NO. 132 WITH 6 096 mm STRUT ON
BOOM NO. 44A WITH HEAVY LIFT TOP
80 560 kg CRANE COUNTERWEIGHT
360 DEGREE RATING
ON SPREAD OUTRIGGERS

24.4m (80 FT.) JIB

| BOOM LGTH. METERS | BOOM LGTH. FEET | JIB OPER. RADIUS METERS | 5 DEGREE OFFSET | | | 15 DEGREE OFFSET | | | 30 DEGREE OFFSET | | | JIB OPER. RADIUS METERS |
|-------------------|-----------------|-------------------------|-----------------|------------------------|--------------------|------------------|------------------------|--------------------|------------------|------------------------|--------------------|-------------------------|
| | | | BOOM ANG. DEG. | JIB POINT ELEV. METERS | CAPACITY KILOGRAMS | BOOM ANG. DEG. | JIB POINT ELEV. METERS | CAPACITY KILOGRAMS | BOOM ANG. DEG. | JIB POINT ELEV. METERS | CAPACITY KILOGRAMS | |
| 57.9 | 190 | 19.8 | 80.2 | 83.8 | 23 300* | | | | | | | 19.8 |
| | | 20.0 | 80.1 | 83.7 | 23 300* | | | | | | | 20.0 |
| | | 22.0 | 78.7 | 83.2 | 22 800* | | | | | | | 22.0 |
| | | 24.0 | 77.2 | 82.7 | 22 300* | | | | | | | 24.0 |
| | | 26.0 | 75.8 | 82.1 | 21 800* | 78.8 | 81.4 | 19 600* | | | | 26.0 |
| | | 28.0 | 74.4 | 81.5 | 21 400* | 77.3 | 80.7 | 19 300* | 80.3 | 79.2 | 15 100* | 28.0 |
| | | 30.0 | 72.9 | 80.8 | 21 000* | 75.8 | 80.0 | 19 000* | 78.8 | 78.4 | 14 700* | 30.0 |
| | | 32.0 | 71.4 | 80.1 | 20 600* | 74.4 | 79.3 | 18 700* | 77.3 | 77.7 | 14 200* | 32.0 |
| | | 34.0 | 69.9 | 79.3 | 20 200* | 72.8 | 78.5 | 18 400* | 75.8 | 76.8 | 13 800* | 34.0 |
| | | 36.0 | 68.4 | 78.4 | 19 800* | 71.3 | 77.6 | 18 100* | 74.2 | 75.9 | 13 400* | 36.0 |
| | | 38.0 | 66.9 | 77.5 | 19 500* | 69.8 | 76.6 | 17 800* | 72.6 | 75.0 | 13 000* | 38.0 |
| | | 40.0 | 65.3 | 76.5 | 19 200* | 68.2 | 75.6 | 17 500* | 71.0 | 73.9 | 12 700* | 40.0 |
| | | 44.0 | 62.2 | 74.3 | 18 500* | 65.0 | 73.4 | 17 100* | 67.8 | 71.7 | 12 000* | 44.0 |
| | | 48.0 | 58.9 | 71.7 | 16 900 | 61.7 | 70.9 | 16 700* | 64.4 | 69.0 | 11 500* | 48.0 |
| | | 52.0 | 55.5 | 68.9 | 14 500 | 58.3 | 68.0 | 15 200 | 60.8 | 66.1 | 11 000* | 52.0 |
| | | 56.0 | 52.0 | 65.7 | 12 600 | 54.7 | 64.7 | 13 100 | 57.1 | 62.7 | 10 500* | 56.0 |
| 60.0 | 48.2 | 62.0 | 10 900 | 50.8 | 60.9 | 11 400 | 53.1 | 58.8 | 10 200* | 60.0 | | |
| 64.0 | 44.2 | 57.8 | 9 400 | 46.7 | 56.7 | 9 800 | 48.9 | 54.4 | 9 800* | 64.0 | | |
| 68.0 | 39.8 | 52.9 | 8 100 | 42.3 | 51.7 | 8 500 | | | | 68.0 | | |
| 72.0 | 34.9 | 47.1 | 7 000 | 37.3 | 45.7 | 7 300 | | | | 72.0 | | |
| 76.0 | 29.3 | 40.0 | 6 000 | | | | | | | 76.0 | | |
| 61.0 | 200 | 19.8 | 80.6 | 86.9 | 23 400* | | | | | | | 19.8 |
| | | 20.0 | 80.5 | 86.8 | 23 400* | | | | | | | 20.0 |
| | | 22.0 | 79.1 | 86.4 | 22 900* | | | | | | | 22.0 |
| | | 24.0 | 77.7 | 85.9 | 22 400* | | | | | | | 24.0 |
| | | 26.0 | 76.3 | 85.3 | 22 000* | 79.2 | 84.5 | 19 700* | | | | 26.0 |
| | | 28.0 | 74.9 | 84.7 | 21 600* | 77.8 | 83.9 | 19 400* | | | | 28.0 |
| | | 30.0 | 73.5 | 84.1 | 21 200* | 76.4 | 83.3 | 19 100* | 79.3 | 81.6 | 14 800* | 30.0 |
| | | 32.0 | 72.1 | 83.3 | 20 800* | 74.9 | 82.5 | 18 800* | 77.8 | 80.9 | 14 300* | 32.0 |
| | | 34.0 | 70.7 | 82.6 | 20 400* | 73.5 | 81.7 | 18 500* | 76.3 | 80.1 | 13 900* | 34.0 |
| | | 36.0 | 69.2 | 81.7 | 20 000* | 72.0 | 80.9 | 18 200* | 74.8 | 79.3 | 13 500* | 36.0 |
| | | 38.0 | 67.8 | 80.8 | 19 700* | 70.6 | 80.0 | 18 000* | 73.3 | 78.3 | 13 200* | 38.0 |
| | | 40.0 | 66.3 | 79.9 | 19 300* | 69.1 | 79.0 | 17 700* | 71.8 | 77.3 | 12 800* | 40.0 |
| | | 44.0 | 63.3 | 77.8 | 18 700* | 66.0 | 76.9 | 17 200* | 68.7 | 75.2 | 12 200* | 44.0 |
| | | 48.0 | 60.2 | 75.4 | 16 500 | 62.9 | 74.5 | 16 800* | 65.4 | 72.7 | 11 600* | 48.0 |
| | | 52.0 | 56.9 | 72.7 | 14 200 | 59.6 | 71.8 | 14 900 | 62.1 | 69.9 | 11 200* | 52.0 |
| | | 56.0 | 53.6 | 69.6 | 12 200 | 56.2 | 68.7 | 12 800 | 58.6 | 66.7 | 10 700* | 56.0 |
| 60.0 | 50.1 | 66.2 | 10 500 | 52.6 | 65.2 | 11 000 | 54.9 | 63.1 | 10 300* | 60.0 | | |
| 64.0 | 46.3 | 62.3 | 9 100 | 48.8 | 61.2 | 9 500 | 51.0 | 58.9 | 9 900 | 64.0 | | |
| 68.0 | 42.3 | 57.8 | 7 800 | 44.7 | 56.6 | 8 200 | 46.7 | 54.2 | 8 400 | 68.0 | | |
| 72.0 | 37.9 | 52.6 | 6 700 | 40.3 | 51.3 | 7 000 | | | | 72.0 | | |
| 76.0 | 33.0 | 46.4 | 5 700 | 35.2 | 44.9 | 5 900 | | | | 76.0 | | |
| 64.0 | 210 | 19.8 | 80.9 | 90.0 | 23 600* | | | | | | | 19.8 |
| | | 20.0 | 80.8 | 90.0 | 23 500* | | | | | | | 20.0 |
| | | 22.0 | 79.5 | 89.5 | 23 100* | | | | | | | 22.0 |
| | | 24.0 | 78.1 | 89.0 | 22 600* | | | | | | | 24.0 |
| | | 26.0 | 76.8 | 88.5 | 22 200* | 79.6 | 87.7 | 19 800* | | | | 26.0 |
| | | 28.0 | 75.5 | 87.9 | 21 700* | 78.2 | 87.1 | 19 500* | | | | 28.0 |
| | | 30.0 | 74.1 | 87.3 | 21 300* | 76.9 | 86.5 | 19 200* | 79.7 | 84.8 | 14 900* | 30.0 |
| | | 32.0 | 72.7 | 86.6 | 21 000* | 75.5 | 85.8 | 18 900* | 78.3 | 84.1 | 14 500* | 32.0 |
| | | 34.0 | 71.4 | 85.8 | 20 600* | 74.1 | 85.0 | 18 600* | 76.8 | 83.4 | 14 100* | 34.0 |
| | | 36.0 | 70.0 | 85.0 | 20 200* | 72.7 | 84.2 | 18 300* | 75.4 | 82.5 | 13 700* | 36.0 |
| | | 38.0 | 68.6 | 84.2 | 19 900* | 71.3 | 83.3 | 18 100* | 74.0 | 81.7 | 13 300* | 38.0 |
| | | 40.0 | 67.2 | 83.3 | 19 500* | 69.9 | 82.4 | 17 800* | 72.5 | 80.7 | 13 000* | 40.0 |
| | | 44.0 | 64.3 | 81.2 | 18 900* | 66.9 | 80.4 | 17 300* | 69.5 | 78.6 | 12 400* | 44.0 |
| | | 48.0 | 61.3 | 79.0 | 16 300 | 63.9 | 78.1 | 16 800* | 66.4 | 76.3 | 11 800* | 48.0 |
| | | 52.0 | 58.2 | 76.4 | 14 000 | 60.8 | 75.5 | 14 700 | 63.3 | 73.6 | 11 300* | 52.0 |
| | | 56.0 | 55.1 | 73.5 | 12 100 | 57.6 | 72.5 | 12 700 | 60.0 | 70.6 | 10 900* | 56.0 |
| 60.0 | 51.7 | 70.3 | 10 400 | 54.2 | 69.2 | 10 900 | 56.5 | 67.2 | 10 500* | 60.0 | | |
| 64.0 | 48.3 | 66.6 | 8 900 | 50.7 | 65.5 | 9 400 | 52.8 | 63.3 | 9 800 | 64.0 | | |
| 68.0 | 44.5 | 62.4 | 7 600 | 46.9 | 61.3 | 8 000 | 48.9 | 59.0 | 8 400 | 68.0 | | |
| 72.0 | 40.5 | 57.7 | 6 500 | 42.8 | 56.4 | 6 800 | | | | 72.0 | | |
| 76.0 | 36.1 | 52.1 | 5 500 | 38.3 | 50.8 | 5 800 | | | | 76.0 | | |
| 80.0 | 31.1 | 45.5 | 4 600 | | | | | | | 80.0 | | |

MANITOWOC ENGINEERING CO.

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M-250T

JIB NO. 132 WITH 6 096 mm STRUT ON
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80 560 kg CRANE COUNTERWEIGHT
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24.4m (80 FT.) JIB

| BOOM LGTH. METERS | BOOM LGTH. FEET | JIB OPER. RADIUS METERS | 5 DEGREE OFFSET | | | 15 DEGREE OFFSET | | | 30 DEGREE OFFSET | | | JIB OPER. RADIUS METERS |
|-------------------|-----------------|-------------------------|-----------------|------------------------|--------------------|------------------|------------------------|--------------------|------------------|------------------------|--------------------|-------------------------|
| | | | BOOM ANG. DEG. | JIB POINT ELEV. METERS | CAPACITY KILOGRAMS | BOOM ANG. DEG. | JIB POINT ELEV. METERS | CAPACITY KILOGRAMS | BOOM ANG. DEG. | JIB POINT ELEV. METERS | CAPACITY KILOGRAMS | |
| 67.1 | 22.0 | 21.3 | 80.3 | 92.8 | 23 400* | | | | | | | 21.3 |
| | | 22.0 | 79.8 | 92.6 | 23 200* | | | | | | | 22.0 |
| | | 24.0 | 78.5 | 92.2 | 22 700* | | | | | | | 24.0 |
| | | 26.0 | 77.3 | 91.6 | 22 300* | 80.0 | 90.8 | 19 900* | | | | 26.0 |
| | | 28.0 | 76.0 | 91.1 | 21 900* | 78.6 | 90.3 | 19 600* | | | | 28.0 |
| | | 30.0 | 74.7 | 90.5 | 21 500* | 77.3 | 89.7 | 19 300* | 80.0 | 88.0 | 15 000* | 30.0 |
| | | 32.0 | 73.3 | 89.8 | 21 100* | 76.0 | 89.0 | 19 000* | 78.7 | 87.3 | 14 600* | 32.0 |
| | | 34.0 | 72.0 | 89.1 | 20 700* | 74.7 | 88.3 | 18 700* | 77.3 | 86.6 | 14 200* | 34.0 |
| | | 36.0 | 70.7 | 88.3 | 20 400* | 73.3 | 87.5 | 18 500* | 75.9 | 85.8 | 13 800* | 36.0 |
| | | 38.0 | 69.3 | 87.5 | 20 100* | 72.0 | 86.7 | 18 200* | 74.6 | 85.0 | 13 500* | 38.0 |
| | | 40.0 | 68.0 | 86.6 | 19 800* | 70.6 | 85.8 | 18 000* | 73.1 | 84.1 | 13 100* | 40.0 |
| | | 44.0 | 65.2 | 84.7 | 18 800 | 67.8 | 83.8 | 17 500* | 70.3 | 82.1 | 12 500* | 44.0 |
| | | 48.0 | 62.4 | 82.5 | 16 000 | 64.9 | 81.6 | 16 800* | 67.4 | 79.8 | 12 000* | 48.0 |
| | | 52.0 | 59.4 | 80.0 | 13 700 | 62.0 | 79.1 | 14 400 | 64.3 | 77.3 | 11 500* | 52.0 |
| | | 56.0 | 56.4 | 77.3 | 11 700 | 58.9 | 76.3 | 12 300 | 61.2 | 74.4 | 11 000* | 56.0 |
| | | 60.0 | 53.3 | 74.2 | 10 000 | 55.7 | 73.2 | 10 600 | 57.9 | 71.2 | 10 600* | 60.0 |
| 64.0 | 50.0 | 70.8 | 8 600 | 52.4 | 69.7 | 9 100 | 54.5 | 67.6 | 9 500 | 64.0 | | |
| 68.0 | 46.5 | 66.9 | 7 300 | 48.8 | 65.8 | 7 700 | 50.8 | 63.5 | 8 100 | 68.0 | | |
| 72.0 | 42.8 | 62.5 | 6 200 | 45.1 | 61.3 | 6 500 | | | | 72.0 | | |
| 76.0 | 38.8 | 57.5 | 5 200 | 41.0 | 56.1 | 5 400 | | | | 76.0 | | |
| 80.0 | 34.4 | 51.6 | 4 200 | 36.4 | 50.1 | 4 500 | | | | 80.0 | | |
| 70.1 | 23.0 | 21.3 | 80.6 | 95.9 | 23 400* | | | | | | | 21.3 |
| | | 22.0 | 80.2 | 95.8 | 23 300* | | | | | | | 22.0 |
| | | 24.0 | 78.9 | 95.3 | 22 900* | | | | | | | 24.0 |
| | | 26.0 | 77.7 | 94.8 | 22 400* | 80.3 | 94.0 | 20 000* | | | | 26.0 |
| | | 28.0 | 76.4 | 94.3 | 22 000* | 79.0 | 93.4 | 19 700* | | | | 28.0 |
| | | 30.0 | 75.2 | 93.7 | 21 600* | 77.8 | 92.8 | 19 400* | | | | 30.0 |
| | | 32.0 | 73.9 | 93.0 | 21 300* | 76.5 | 92.2 | 19 100* | 79.1 | 90.5 | 14 700* | 32.0 |
| | | 34.0 | 72.6 | 92.3 | 20 900* | 75.2 | 91.5 | 18 800* | 77.8 | 89.8 | 14 300* | 34.0 |
| | | 36.0 | 71.3 | 91.6 | 20 600* | 73.9 | 90.7 | 18 600* | 76.4 | 89.1 | 14 000* | 36.0 |
| | | 38.0 | 70.0 | 90.8 | 20 200* | 72.6 | 89.9 | 18 300* | 75.1 | 88.2 | 13 600* | 38.0 |
| | | 40.0 | 68.7 | 89.9 | 19 900* | 71.3 | 89.1 | 18 100* | 73.7 | 87.4 | 13 300* | 40.0 |
| | | 44.0 | 66.1 | 88.1 | 18 600 | 68.6 | 87.2 | 17 600* | 71.0 | 85.5 | 12 700* | 44.0 |
| | | 48.0 | 63.3 | 86.0 | 15 700 | 65.8 | 85.1 | 16 700 | 68.2 | 83.3 | 12 100* | 48.0 |
| | | 52.0 | 60.6 | 83.7 | 13 400 | 63.0 | 82.7 | 14 100 | 65.3 | 80.9 | 11 600* | 52.0 |
| | | 56.0 | 57.7 | 81.0 | 11 400 | 60.1 | 80.1 | 12 100 | 62.3 | 78.2 | 11 200* | 56.0 |
| | | 60.0 | 54.7 | 78.1 | 9 700 | 57.1 | 77.1 | 10 300 | 59.2 | 75.1 | 10 700* | 60.0 |
| 64.0 | 51.6 | 74.9 | 8 300 | 53.9 | 73.8 | 8 800 | 56.0 | 71.7 | 9 300 | 64.0 | | |
| 68.0 | 48.3 | 71.2 | 7 000 | 50.6 | 70.1 | 7 400 | 52.5 | 67.9 | 7 800 | 68.0 | | |
| 72.0 | 44.8 | 67.1 | 5 800 | 47.1 | 65.9 | 6 200 | 48.9 | 63.6 | 6 600 | 72.0 | | |
| 76.0 | 41.1 | 62.4 | 4 800 | 43.3 | 61.2 | 5 200 | | | | 76.0 | | |
| 80.0 | 37.1 | 57.1 | 3 900 | 39.2 | 55.7 | 4 200 | | | | 80.0 | | |
| 84.0 | 32.6 | 50.8 | 3 100 | | | | | | | 84.0 | | |
| 73.2 | 24.0 | 21.3 | 80.9 | 99.0 | 23 600* | | | | | | | 21.3 |
| | | 22.0 | 80.5 | 98.9 | 23 400* | | | | | | | 22.0 |
| | | 24.0 | 79.3 | 98.4 | 23 000* | | | | | | | 24.0 |
| | | 26.0 | 78.1 | 97.9 | 22 600* | 80.6 | 97.1 | 20 100* | | | | 26.0 |
| | | 28.0 | 76.9 | 97.4 | 22 200* | 79.4 | 96.6 | 19 800* | | | | 28.0 |
| | | 30.0 | 75.6 | 96.8 | 21 800* | 78.2 | 96.0 | 19 500* | | | | 30.0 |
| | | 32.0 | 74.4 | 96.2 | 21 400* | 76.9 | 95.4 | 19 200* | 79.4 | 93.7 | 14 900* | 32.0 |
| | | 34.0 | 73.2 | 95.6 | 21 100* | 75.7 | 94.7 | 18 900* | 78.2 | 93.0 | 14 500* | 34.0 |
| | | 36.0 | 71.9 | 94.8 | 20 700* | 74.4 | 94.0 | 18 700* | 76.9 | 92.3 | 14 100* | 36.0 |
| | | 38.0 | 70.7 | 94.1 | 20 400* | 73.2 | 93.2 | 18 400* | 75.6 | 91.5 | 13 800* | 38.0 |
| | | 40.0 | 69.4 | 93.3 | 20 100* | 71.9 | 92.4 | 18 200* | 74.3 | 90.7 | 13 400* | 40.0 |
| | | 44.0 | 66.9 | 91.5 | 18 200 | 69.3 | 90.6 | 17 700* | 71.7 | 88.8 | 12 800* | 44.0 |
| | | 48.0 | 64.3 | 89.5 | 15 300 | 66.7 | 88.6 | 16 300 | 69.0 | 86.8 | 12 300* | 48.0 |
| | | 52.0 | 61.6 | 87.2 | 13 000 | 63.9 | 86.3 | 13 800 | 66.2 | 84.4 | 11 800* | 52.0 |
| | | 56.0 | 58.8 | 84.7 | 11 000 | 61.2 | 83.8 | 11 700 | 63.3 | 81.8 | 11 300* | 56.0 |
| | | 60.0 | 56.0 | 81.9 | 9 300 | 58.3 | 80.9 | 10 000 | 60.4 | 78.9 | 10 600 | 60.0 |
| 64.0 | 53.0 | 78.8 | 7 900 | 55.3 | 77.8 | 8 400 | 57.3 | 75.7 | 8 900 | 64.0 | | |
| 68.0 | 49.9 | 75.4 | 6 600 | 52.2 | 74.3 | 7 100 | 54.1 | 72.1 | 7 500 | 68.0 | | |
| 72.0 | 46.7 | 71.5 | 5 500 | 48.9 | 70.4 | 5 900 | 50.7 | 68.1 | 6 300 | 72.0 | | |
| 76.0 | 43.2 | 67.2 | 4 400 | 45.3 | 66.0 | 4 800 | 47.0 | 63.5 | 5 100 | 76.0 | | |
| 80.0 | 39.5 | 62.3 | 3 600 | 41.6 | 61.0 | 3 900 | | | | 80.0 | | |
| 84.0 | 35.5 | 56.6 | 2 700 | 37.4 | 55.2 | 3 000 | | | | 84.0 | | |
| 88.0 | 30.9 | 49.9 | 1 900* | | | | | | | 88.0 | | |

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220

LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250T

**JIB NO. 132 WITH 6 096 mm STRUT ON
BOOM NO. 44A WITH HEAVY LIFT TOP
80 560 kg CRANE COUNTERWEIGHT
360 DEGREE RATING
ON SPREAD OUTRIGGERS**

24.4m (80 FT.) JIB

| BOOM LGTH. METERS | BOOM LGTH. FEET | JIB OPER. RADIUS METERS | 5 DEGREE OFFSET | | | 15 DEGREE OFFSET | | | 30 DEGREE OFFSET | | | JIB OPER. RADIUS METERS |
|----------------------------|-----------------------|----------------------------------|----------------------|---------------------------------|-------------------------|----------------------|---------------------------------|-------------------------|----------------------|---------------------------------|-------------------------|----------------------------------|
| | | | BOOM ANG. DEG. | JIB POINT ELEV. METERS | CAPACI TY KI LOGRAMS | BOOM ANG. DEG. | JIB POINT ELEV. METERS | CAPACI TY KI LOGRAMS | BOOM ANG. DEG. | JIB POINT ELEV. METERS | CAPACI TY KI LOGRAMS | |
| 7 6 · 2 | 2 5 0 | 22.9 | 80.2 | 101.8 | 23 400* | | | | | | | 22.9 |
| | | 24.0 | 79.6 | 101.6 | 23 100* | | | | | | | 24.0 |
| | | 26.0 | 78.4 | 101.1 | 22 700* | 80.9 | 100.3 | 20 100* | | | | 26.0 |
| | | 28.0 | 77.3 | 100.6 | 22 300* | 79.7 | 99.7 | 19 800* | | | | 28.0 |
| | | 30.0 | 76.1 | 100.0 | 21 900* | 78.5 | 99.2 | 19 600* | | | | 30.0 |
| | | 32.0 | 74.9 | 99.4 | 21 600* | 77.3 | 98.6 | 19 300* | 79.8 | 96.9 | 15 000* | 32.0 |
| | | 34.0 | 73.7 | 98.8 | 21 200* | 76.1 | 97.9 | 19 000* | 78.6 | 96.2 | 14 600* | 34.0 |
| | | 36.0 | 72.5 | 98.1 | 20 900* | 74.9 | 97.2 | 18 700* | 77.3 | 95.5 | 14 200* | 36.0 |
| | | 38.0 | 71.3 | 97.3 | 20 600* | 73.7 | 96.5 | 18 500* | 76.1 | 94.8 | 13 900* | 38.0 |
| | | 40.0 | 70.1 | 96.6 | 20 300* | 72.5 | 95.7 | 18 300* | 74.8 | 94.0 | 13 500* | 40.0 |
| | | 44.0 | 67.6 | 94.8 | 18 000 | 70.0 | 94.0 | 17 800* | 72.3 | 92.2 | 13 000* | 44.0 |
| | | 48.0 | 65.1 | 92.9 | 15 200 | 67.4 | 92.0 | 16 100 | 69.7 | 90.2 | 12 400* | 48.0 |
| | | 52.0 | 62.5 | 90.7 | 12 800 | 64.8 | 89.8 | 13 700 | 67.0 | 88.0 | 11 900* | 52.0 |
| | | 56.0 | 59.9 | 88.3 | 10 900 | 62.2 | 87.4 | 11 600 | 64.3 | 85.5 | 11 500* | 56.0 |
| | | 60.0 | 57.2 | 85.7 | 9 200 | 59.4 | 84.7 | 9 800 | 61.5 | 82.7 | 10 500 | 60.0 |
| | | 64.0 | 54.3 | 82.7 | 7 700 | 56.6 | 81.7 | 8 300 | 58.6 | 79.7 | 8 800 | 64.0 |
| | | 68.0 | 51.4 | 79.4 | 6 400 | 53.6 | 78.4 | 6 900 | 55.5 | 76.2 | 7 400 | 68.0 |
| | | 72.0 | 48.3 | 75.8 | 5 300 | 50.5 | 74.7 | 5 700 | 52.3 | 72.4 | 6 100 | 72.0 |
| 76.0 | 45.1 | 71.7 | 4 300 | 47.2 | 70.6 | 4 700 | 48.9 | 68.2 | 5 000 | 76.0 | | |
| 80.0 | 41.7 | 67.2 | 3 400 | 43.7 | 65.9 | 3 700 | | | | 80.0 | | |
| 84.0 | 38.0 | 62.0 | 2 500 | 39.9 | 60.6 | 2 900 | | | | 84.0 | | |
| 88.0 | | | | 35.7 | 54.5 | 2 100 | | | | 88.0 | | |

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220

LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250T

JIB NO. 132 WITH 6 096 mm STRUT ON
BOOM NO. 44A WITH HEAVY LIFT TOP
80 560 kg CRANE COUNTERWEIGHT
360 DEGREE RATING
ON SPREAD OUTRIGGERS

30.5m (100 FT.) JIB

| BOOM LGTH. METERS | BOOM LGTH. FEET | JIB OPER. RADIUS METERS | 5 DEGREE OFFSET | | | 15 DEGREE OFFSET | | | 30 DEGREE OFFSET | | | JIB OPER. RADIUS METERS |
|-------------------|-----------------|-------------------------|-----------------|------------------------|--------------------|------------------|------------------------|--------------------|------------------|------------------------|--------------------|-------------------------|
| | | | BOOM ANG. DEG. | JIB POINT ELEV. METERS | CAPACITY KILOGRAMS | BOOM ANG. DEG. | JIB POINT ELEV. METERS | CAPACITY KILOGRAMS | BOOM ANG. DEG. | JIB POINT ELEV. METERS | CAPACITY KILOGRAMS | |
| 39.6 | 130 | 18.3 | 80.1 | 71.6 | 18 300* | | | | | | | 18.3 |
| | | 20.0 | 78.7 | 71.2 | 17 900* | | | | | | | 20.0 |
| | | 22.0 | 77.0 | 70.7 | 17 400* | | | | | | | 22.0 |
| | | 24.0 | 75.3 | 70.0 | 16 900* | 79.8 | 69.3 | 15 400* | | | | 24.0 |
| | | 26.0 | 73.6 | 69.3 | 16 500* | 78.0 | 68.6 | 15 000* | | | | 26.0 |
| | | 28.0 | 71.9 | 68.6 | 16 100* | 76.3 | 67.8 | 14 600* | | | | 28.0 |
| | | 30.0 | 70.1 | 67.8 | 15 700* | 74.5 | 67.0 | 14 200* | 79.4 | 65.6 | 11 900* | 30.0 |
| | | 32.0 | 68.3 | 66.9 | 15 300* | 72.7 | 66.1 | 13 800* | 77.5 | 64.7 | 11 500* | 32.0 |
| | | 34.0 | 66.5 | 65.9 | 14 900* | 70.9 | 65.1 | 13 400* | 75.6 | 63.7 | 11 000* | 34.0 |
| | | 36.0 | 64.7 | 64.8 | 14 400* | 69.0 | 64.0 | 13 100* | 73.7 | 62.6 | 10 600* | 36.0 |
| | | 38.0 | 62.8 | 63.7 | 14 000* | 67.1 | 62.9 | 12 800* | 71.8 | 61.4 | 10 300* | 38.0 |
| | | 40.0 | 60.9 | 62.5 | 13 600* | 65.2 | 61.6 | 12 500* | 69.8 | 60.1 | 9 900* | 40.0 |
| | | 44.0 | 57.0 | 59.7 | 12 900* | 61.2 | 58.8 | 11 900* | 65.7 | 57.3 | 9 300* | 44.0 |
| | | 48.0 | 52.8 | 56.5 | 12 200* | 57.0 | 55.6 | 11 300* | 61.4 | 54.0 | 8 800* | 48.0 |
| | | 52.0 | 48.4 | 52.8 | 11 600* | 52.5 | 51.8 | 10 900* | 56.7 | 50.1 | 8 300* | 52.0 |
| | | 56.0 | 43.6 | 48.4 | 11 100* | 47.6 | 47.4 | 10 300* | 51.6 | 45.5 | 7 900* | 56.0 |
| 60.0 | 38.3 | 43.2 | 10 600* | 42.1 | 42.0 | 9 700* | | | | 60.0 | | |
| 64.0 | 32.1 | 36.8 | 10 200* | 35.7 | 35.3 | 9 200* | | | | 64.0 | | |
| 42.7 | 140 | 18.3 | 80.5 | 74.8 | 18 500* | | | | | | | 18.3 |
| | | 20.0 | 79.2 | 74.4 | 18 000* | | | | | | | 20.0 |
| | | 22.0 | 77.6 | 73.8 | 17 500* | | | | | | | 22.0 |
| | | 24.0 | 75.9 | 73.2 | 17 100* | | | | | | | 24.0 |
| | | 26.0 | 74.3 | 72.6 | 16 700* | 78.6 | 71.8 | 15 100* | | | | 26.0 |
| | | 28.0 | 72.7 | 71.8 | 16 300* | 76.9 | 71.1 | 14 700* | | | | 28.0 |
| | | 30.0 | 71.0 | 71.1 | 15 900* | 75.2 | 70.3 | 14 300* | 79.8 | 68.8 | 12 000* | 30.0 |
| | | 32.0 | 69.3 | 70.2 | 15 500* | 73.5 | 69.4 | 14 000* | 78.1 | 67.9 | 11 600* | 32.0 |
| | | 34.0 | 67.6 | 69.3 | 15 100* | 71.8 | 68.5 | 13 600* | 76.3 | 67.0 | 11 200* | 34.0 |
| | | 36.0 | 65.8 | 68.3 | 14 700* | 70.0 | 67.5 | 13 300* | 74.5 | 66.0 | 10 800* | 36.0 |
| | | 38.0 | 64.1 | 67.2 | 14 300* | 68.2 | 66.4 | 12 900* | 72.7 | 64.9 | 10 400* | 38.0 |
| | | 40.0 | 62.3 | 66.0 | 13 900* | 66.4 | 65.2 | 12 600* | 70.8 | 63.7 | 10 100* | 40.0 |
| | | 44.0 | 58.6 | 63.4 | 13 200* | 62.6 | 62.6 | 12 000* | 67.0 | 61.0 | 9 500* | 44.0 |
| | | 48.0 | 54.7 | 60.5 | 12 500* | 58.7 | 59.5 | 11 500* | 62.9 | 57.9 | 9 000* | 48.0 |
| | | 52.0 | 50.6 | 57.0 | 11 900* | 54.5 | 56.0 | 11 000* | 58.6 | 54.3 | 8 500* | 52.0 |
| | | 56.0 | 46.2 | 53.0 | 11 400* | 50.0 | 52.0 | 10 600* | 54.0 | 50.1 | 8 100* | 56.0 |
| 60.0 | 41.4 | 48.3 | 10 900* | 45.1 | 47.2 | 10 000* | 48.9 | 45.2 | 7 800* | 60.0 | | |
| 64.0 | 36.0 | 42.7 | 10 400* | 39.6 | 41.4 | 9 400* | | | | 64.0 | | |
| 68.0 | 29.7 | 35.7 | 10 000 | | | | | | | 68.0 | | |
| 45.7 | 150 | 18.3 | 80.9 | 77.9 | 18 500* | | | | | | | 18.3 |
| | | 20.0 | 79.6 | 77.5 | 18 100* | | | | | | | 20.0 |
| | | 22.0 | 78.1 | 77.0 | 17 700* | | | | | | | 22.0 |
| | | 24.0 | 76.5 | 76.4 | 17 300* | | | | | | | 24.0 |
| | | 26.0 | 75.0 | 75.8 | 16 800* | 79.0 | 75.0 | 15 200* | | | | 26.0 |
| | | 28.0 | 73.4 | 75.1 | 16 400* | 77.4 | 74.3 | 14 900* | | | | 28.0 |
| | | 30.0 | 71.8 | 74.3 | 16 100* | 75.8 | 73.5 | 14 500* | | | | 30.0 |
| | | 32.0 | 70.2 | 73.5 | 15 700* | 74.2 | 72.7 | 14 100* | 78.6 | 71.2 | 11 700* | 32.0 |
| | | 34.0 | 68.5 | 72.6 | 15 300* | 72.6 | 71.8 | 13 800* | 76.9 | 70.3 | 11 300* | 34.0 |
| | | 36.0 | 66.9 | 71.7 | 14 900* | 70.9 | 70.9 | 13 400* | 75.2 | 69.3 | 10 900* | 36.0 |
| | | 38.0 | 65.2 | 70.7 | 14 500* | 69.2 | 69.8 | 13 100* | 73.5 | 68.3 | 10 600* | 38.0 |
| | | 40.0 | 63.5 | 69.6 | 14 200* | 67.5 | 68.7 | 12 800* | 71.7 | 67.1 | 10 300* | 40.0 |
| | | 44.0 | 60.0 | 67.1 | 13 500* | 63.9 | 66.2 | 12 200* | 68.1 | 64.6 | 9 700* | 44.0 |
| | | 48.0 | 56.4 | 64.3 | 12 800* | 60.2 | 63.4 | 11 700* | 64.3 | 61.7 | 9 100* | 48.0 |
| | | 52.0 | 52.5 | 61.1 | 12 200* | 56.3 | 60.1 | 11 200* | 60.3 | 58.4 | 8 700* | 52.0 |
| | | 56.0 | 48.5 | 57.4 | 11 600* | 52.2 | 56.4 | 10 800* | 56.0 | 54.5 | 8 300* | 56.0 |
| 60.0 | 44.1 | 53.1 | 11 100* | 47.7 | 52.0 | 10 300* | 51.4 | 50.0 | 7 900* | 60.0 | | |
| 64.0 | 39.3 | 48.1 | 10 700* | 42.8 | 46.8 | 9 700* | 46.2 | 44.7 | 7 600* | 64.0 | | |
| 68.0 | 33.9 | 42.0 | 9 800 | 37.2 | 40.6 | 9 200* | | | | 68.0 | | |

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220

LIFT CRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250T

JIB NO. 132 WITH 6 096 mm STRUT ON
BOOM NO. 44A WITH HEAVY LIFT TOP
80 560 kg CRANE COUNTERWEIGHT
360 DEGREE RATING
ON SPREAD OUTRIGGERS

30.5m (100 FT.) JIB

| BOOM LGTH. METERS | BOOM LGTH. FEET | JIB OPER. RADIUS METERS | 5 DEGREE OFFSET | | | 15 DEGREE OFFSET | | | 30 DEGREE OFFSET | | | JIB OPER. RADIUS METERS |
|-------------------|-----------------|-------------------------|-----------------|------------------------|--------------------|------------------|------------------------|--------------------|------------------|------------------------|--------------------|-------------------------|
| | | | BOOM ANG. DEG. | JIB POINT ELEV. METERS | CAPACITY KILOGRAMS | BOOM ANG. DEG. | JIB POINT ELEV. METERS | CAPACITY KILOGRAMS | BOOM ANG. DEG. | JIB POINT ELEV. METERS | CAPACITY KILOGRAMS | |
| 488 | 160 | 19.8 | 80.2 | 80.7 | 18 300* | | | | | | | 19.8 |
| | | 20.0 | 80.0 | 80.6 | 18 300* | | | | | | | 20.0 |
| | | 22.0 | 78.5 | 80.1 | 17 800* | | | | | | | 22.0 |
| | | 24.0 | 77.1 | 79.6 | 17 400* | | | | | | | 24.0 |
| | | 26.0 | 75.6 | 79.0 | 17 000* | 79.5 | 78.2 | 15 300* | | | | 26.0 |
| | | 28.0 | 74.0 | 78.3 | 16 600* | 78.0 | 77.5 | 15 000* | | | | 28.0 |
| | | 30.0 | 72.5 | 77.6 | 16 200* | 76.4 | 76.8 | 14 600* | | | | 30.0 |
| | | 32.0 | 71.0 | 76.8 | 15 900* | 74.9 | 76.0 | 14 200* | 79.1 | | 11 900* | 32.0 |
| | | 34.0 | 69.4 | 76.0 | 15 500* | 73.3 | 75.1 | 13 900* | 77.5 | 73.6 | 11 500* | 34.0 |
| | | 36.0 | 67.8 | 75.1 | 15 200* | 71.7 | 74.2 | 13 600* | 75.9 | 72.6 | 11 100* | 36.0 |
| | | 38.0 | 66.2 | 74.1 | 14 800* | 70.1 | 73.2 | 13 300* | 74.2 | 71.6 | 10 800* | 38.0 |
| | | 40.0 | 64.6 | 73.0 | 14 400* | 68.4 | 72.2 | 13 000* | 72.5 | 70.6 | 10 400* | 40.0 |
| | | 44.0 | 61.3 | 70.7 | 13 700* | 65.1 | 69.8 | 12 400* | 69.1 | 68.2 | 9 800* | 44.0 |
| | | 48.0 | 57.9 | 68.1 | 13 000* | 61.6 | 67.1 | 11 900* | 65.5 | 65.5 | 9 300* | 48.0 |
| | | 52.0 | 54.3 | 65.1 | 12 400* | 57.9 | 64.1 | 11 400* | 61.7 | 62.3 | 8 800* | 52.0 |
| | | 56.0 | 50.5 | 61.6 | 11 900* | 54.1 | 60.6 | 11 000* | 57.8 | 58.7 | 8 400* | 56.0 |
| 60.0 | 46.4 | 57.7 | 11 400* | 50.0 | 56.6 | 10 600* | 53.5 | 54.6 | 8 100* | 60.0 | | |
| 64.0 | 42.1 | 53.1 | 10 700 | 45.5 | 51.9 | 10 000* | 48.9 | 49.8 | 7 800* | 64.0 | | |
| 68.0 | 37.3 | 47.7 | 9 500 | 40.5 | 46.3 | 9 500* | | | | 68.0 | | |
| 72.0 | 31.7 | 41.2 | 8 300 | | | | | | | 72.0 | | |
| 518 | 170 | 19.8 | 80.5 | 83.8 | 18 500* | | | | | | | 19.8 |
| | | 20.0 | 80.4 | 83.7 | 18 400* | | | | | | | 20.0 |
| | | 22.0 | 79.0 | 83.3 | 17 900* | | | | | | | 22.0 |
| | | 24.0 | 77.5 | 82.7 | 17 500* | | | | | | | 24.0 |
| | | 26.0 | 76.1 | 82.2 | 17 200* | 79.9 | 81.4 | 15 400* | | | | 26.0 |
| | | 28.0 | 74.7 | 81.5 | 16 800* | 78.4 | 80.7 | 15 100* | | | | 28.0 |
| | | 30.0 | 73.2 | 80.8 | 16 400* | 76.9 | 80.0 | 14 700* | | | | 30.0 |
| | | 32.0 | 71.7 | 80.1 | 16 100* | 75.5 | 79.3 | 14 400* | 79.5 | 77.7 | 12 000* | 32.0 |
| | | 34.0 | 70.2 | 79.3 | 15 700* | 73.9 | 78.4 | 14 100* | 78.0 | 76.8 | 11 600* | 34.0 |
| | | 36.0 | 68.7 | 78.4 | 15 400* | 72.4 | 77.6 | 13 700* | 76.4 | 75.9 | 11 200* | 36.0 |
| | | 38.0 | 67.2 | 77.5 | 15 000* | 70.9 | 76.6 | 13 400* | 74.9 | 75.0 | 10 900* | 38.0 |
| | | 40.0 | 65.6 | 76.5 | 14 600* | 69.3 | 75.6 | 13 100* | 73.3 | 74.0 | 10 500* | 40.0 |
| | | 44.0 | 62.5 | 74.3 | 14 000* | 66.1 | 73.4 | 12 600* | 70.0 | 71.7 | 10 000* | 44.0 |
| | | 48.0 | 59.2 | 71.8 | 13 300* | 62.8 | 70.8 | 12 100* | 66.6 | 69.1 | 9 500* | 48.0 |
| | | 52.0 | 55.8 | 68.9 | 12 700* | 59.4 | 67.9 | 11 600* | 63.1 | 66.2 | 9 000* | 52.0 |
| | | 56.0 | 52.3 | 65.7 | 12 100* | 55.7 | 64.7 | 11 200* | 59.3 | 62.8 | 8 600* | 56.0 |
| 60.0 | 48.5 | 62.0 | 11 600* | 51.9 | 60.9 | 10 800* | 55.4 | 59.0 | 8 300* | 60.0 | | |
| 64.0 | 44.5 | 57.8 | 10 500 | 47.8 | 56.6 | 10 300* | 51.1 | 54.6 | 7 900* | 64.0 | | |
| 68.0 | 40.1 | 52.9 | 9 200 | 43.4 | 51.6 | 9 600 | 46.5 | 49.4 | 7 700* | 68.0 | | |
| 72.0 | 35.3 | 47.2 | 8 100 | 38.4 | 45.7 | 8 400 | | | | 72.0 | | |
| 76.0 | 29.6 | 40.1 | 7 000 | | | | | | | 76.0 | | |
| 549 | 180 | 19.8 | 80.9 | 86.9 | 18 500* | | | | | | | 19.8 |
| | | 20.0 | 80.7 | 86.9 | 18 500* | | | | | | | 20.0 |
| | | 22.0 | 79.4 | 86.4 | 18 100* | | | | | | | 22.0 |
| | | 24.0 | 78.0 | 85.9 | 17 700* | | | | | | | 24.0 |
| | | 26.0 | 76.6 | 85.3 | 17 300* | 80.3 | 84.5 | 15 500* | | | | 26.0 |
| | | 28.0 | 75.2 | 84.7 | 16 900* | 78.9 | 83.9 | 15 200* | | | | 28.0 |
| | | 30.0 | 73.8 | 84.1 | 16 500* | 77.4 | 83.2 | 14 800* | | | | 30.0 |
| | | 32.0 | 72.4 | 83.4 | 16 200* | 76.0 | 82.5 | 14 500* | | | | 32.0 |
| | | 34.0 | 71.0 | 82.6 | 15 900* | 74.6 | 81.7 | 14 200* | 78.5 | 80.1 | 11 700* | 34.0 |
| | | 36.0 | 69.5 | 81.7 | 15 500* | 73.1 | 80.9 | 13 900* | 77.0 | 79.2 | 11 300* | 36.0 |
| | | 38.0 | 68.1 | 80.8 | 15 200* | 71.6 | 80.0 | 13 600* | 75.5 | 78.3 | 11 000* | 38.0 |
| | | 40.0 | 66.6 | 79.9 | 14 900* | 70.1 | 79.0 | 13 300* | 73.9 | 77.3 | 10 700* | 40.0 |
| | | 44.0 | 63.6 | 77.8 | 14 200* | 67.1 | 76.9 | 12 700* | 70.8 | 75.2 | 10 100* | 44.0 |
| | | 48.0 | 60.5 | 75.4 | 13 500* | 63.9 | 74.5 | 12 200* | 67.6 | 72.7 | 9 600* | 48.0 |
| | | 52.0 | 57.2 | 72.7 | 12 900* | 60.7 | 71.7 | 11 800* | 64.3 | 69.9 | 9 100* | 52.0 |
| | | 56.0 | 53.9 | 69.7 | 12 400* | 57.3 | 68.6 | 11 300* | 60.8 | 66.8 | 8 700* | 56.0 |
| 60.0 | 50.4 | 66.2 | 11 600 | 53.7 | 65.1 | 11 000* | 57.1 | 63.2 | 8 400* | 60.0 | | |
| 64.0 | 46.6 | 62.3 | 10 100 | 49.9 | 61.1 | 10 600* | 53.1 | 59.1 | 8 100* | 64.0 | | |
| 68.0 | 42.6 | 57.8 | 8 800 | 45.8 | 56.6 | 9 300 | 48.9 | 54.4 | 7 800* | 68.0 | | |
| 72.0 | 38.2 | 52.6 | 7 700 | 41.3 | 51.2 | 8 000 | | | | 72.0 | | |
| 76.0 | 33.3 | 46.4 | 6 700 | 36.2 | 44.9 | 6 900 | | | | 76.0 | | |

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220

LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250T

JIB NO. 132 WITH 6 096 mm STRUT ON
BOOM NO. 44A WITH HEAVY LIFT TOP
80 560 kg CRANE COUNTERWEIGHT
360 DEGREE RATING
ON SPREAD OUTRIGGERS

30.5m (100 FT.) JIB

| BOOM LGTH. METERS | BOOM LGTH. FEET | JIB OPER. RADIUS METERS | 5 DEGREE OFFSET | | | 15 DEGREE OFFSET | | | 30 DEGREE OFFSET | | | JIB OPER. RADIUS METERS |
|-------------------|-----------------|-------------------------|-----------------|------------------------|--------------------|------------------|------------------------|--------------------|------------------|------------------------|--------------------|-------------------------|
| | | | BOOM ANG. DEG. | JIB POINT ELEV. METERS | CAPACITY KILOGRAMS | BOOM ANG. DEG. | JIB POINT ELEV. METERS | CAPACITY KILOGRAMS | BOOM ANG. DEG. | JIB POINT ELEV. METERS | CAPACITY KILOGRAMS | |
| 57.9 | 190 | 21.3 | 80.2 | 89.7 | 18 300* | | | | | | | 21.3 |
| | | 22.0 | 79.7 | 89.5 | 18 200* | | | | | | | 22.0 |
| | | 24.0 | 78.4 | 89.0 | 17 800* | | | | | | | 24.0 |
| | | 26.0 | 77.1 | 88.5 | 17 400* | 80.6 | 87.7 | 15 600* | | | | 26.0 |
| | | 28.0 | 75.7 | 87.9 | 17 000* | 79.3 | 87.1 | 15 300* | | | | 28.0 |
| | | 30.0 | 74.4 | 87.3 | 16 700* | 77.9 | 86.4 | 14 900* | | | | 30.0 |
| | | 32.0 | 73.0 | 86.6 | 16 400* | 76.5 | 85.7 | 14 600* | | | | 32.0 |
| | | 34.0 | 71.7 | 85.8 | 16 000* | 75.1 | 85.0 | 14 300* | 78.9 | 83.3 | 11 900* | 34.0 |
| | | 36.0 | 70.3 | 85.0 | 15 700* | 73.7 | 84.2 | 14 000* | 77.5 | 82.5 | 11 500* | 36.0 |
| | | 38.0 | 68.9 | 84.2 | 15 400* | 72.3 | 83.3 | 13 700* | 76.0 | 81.6 | 11 100* | 38.0 |
| | | 40.0 | 67.4 | 83.3 | 15 000* | 70.9 | 82.4 | 13 400* | 74.6 | 80.7 | 10 800* | 40.0 |
| | | 44.0 | 64.6 | 81.3 | 14 400* | 68.0 | 80.3 | 12 900* | 71.6 | 78.6 | 10 300* | 44.0 |
| | | 48.0 | 61.6 | 79.0 | 13 800* | 65.0 | 78.0 | 12 400* | 68.5 | 76.3 | 9 700* | 48.0 |
| | | 52.0 | 58.5 | 76.4 | 13 200* | 61.9 | 75.4 | 11 900* | 65.3 | 73.6 | 9 300* | 52.0 |
| | | 56.0 | 55.4 | 73.5 | 12 600* | 58.6 | 72.5 | 11 500* | 62.0 | 70.6 | 8 900* | 56.0 |
| | | 60.0 | 52.0 | 70.3 | 11 200 | 55.3 | 69.2 | 11 100* | 58.6 | 67.3 | 8 500* | 60.0 |
| 64.0 | 48.5 | 66.6 | 9 800 | 51.7 | 65.5 | 10 300 | 54.9 | 63.5 | 8 200* | 64.0 | | |
| 68.0 | 44.8 | 62.5 | 8 500 | 47.9 | 61.3 | 8 900 | 51.0 | 59.1 | 7 900* | 68.0 | | |
| 72.0 | 40.8 | 57.7 | 7 400 | 43.8 | 56.4 | 7 700 | 46.7 | 54.1 | 7 600* | 72.0 | | |
| 76.0 | 36.4 | 52.2 | 6 300 | 39.3 | 50.7 | 6 700 | | | | 76.0 | | |
| 80.0 | 31.4 | 45.6 | 5 500 | | | | | | | 80.0 | | |
| 61.0 | 200 | 21.3 | 80.5 | 92.8 | 18 500* | | | | | | | 21.3 |
| | | 22.0 | 80.1 | 92.7 | 18 300* | | | | | | | 22.0 |
| | | 24.0 | 78.8 | 92.2 | 17 900* | | | | | | | 24.0 |
| | | 26.0 | 77.5 | 91.7 | 17 500* | | | | | | | 26.0 |
| | | 28.0 | 76.2 | 91.1 | 17 200* | 79.6 | 90.2 | 15 300* | | | | 28.0 |
| | | 30.0 | 74.9 | 90.5 | 16 800* | 78.3 | 89.6 | 15 100* | | | | 30.0 |
| | | 32.0 | 73.6 | 89.8 | 16 500* | 77.0 | 88.9 | 14 700* | | | | 32.0 |
| | | 34.0 | 72.3 | 89.1 | 16 200* | 75.7 | 88.2 | 14 400* | 79.3 | 86.5 | 11 900* | 34.0 |
| | | 36.0 | 71.0 | 88.3 | 15 900* | 74.3 | 87.4 | 14 100* | 77.9 | 85.7 | 11 600* | 36.0 |
| | | 38.0 | 69.6 | 87.5 | 15 600* | 72.9 | 86.6 | 13 800* | 76.5 | 84.9 | 11 300* | 38.0 |
| | | 40.0 | 68.3 | 86.6 | 15 300* | 71.6 | 85.7 | 13 600* | 75.1 | 84.0 | 11 000* | 40.0 |
| | | 44.0 | 65.5 | 84.7 | 14 600* | 68.8 | 83.8 | 13 000* | 72.3 | 82.0 | 10 400* | 44.0 |
| | | 48.0 | 62.6 | 82.5 | 14 000* | 65.9 | 81.6 | 12 600* | 69.3 | 79.8 | 9 900* | 48.0 |
| | | 52.0 | 59.7 | 80.1 | 13 400* | 62.9 | 79.1 | 12 100* | 66.3 | 77.3 | 9 400* | 52.0 |
| | | 56.0 | 56.7 | 77.3 | 12 600 | 59.9 | 76.3 | 11 700* | 63.2 | 74.4 | 9 000* | 56.0 |
| | | 60.0 | 53.6 | 74.2 | 10 900 | 56.7 | 73.2 | 11 300* | 59.9 | 71.2 | 8 700* | 60.0 |
| 64.0 | 50.3 | 70.8 | 9 400 | 53.3 | 69.7 | 10 000 | 56.5 | 67.7 | 8 300* | 64.0 | | |
| 68.0 | 46.8 | 66.9 | 8 200 | 49.8 | 65.7 | 8 600 | 52.8 | 63.6 | 8 000* | 68.0 | | |
| 72.0 | 43.1 | 62.5 | 7 000 | 46.0 | 61.2 | 7 400 | 48.9 | 59.0 | 7 700* | 72.0 | | |
| 76.0 | 39.1 | 57.5 | 6 000 | 41.9 | 56.1 | 6 400 | | | | 76.0 | | |
| 80.0 | 34.6 | 51.6 | 5 100 | 37.4 | 50.0 | 5 400 | | | | 80.0 | | |
| 84.0 | 29.6 | 44.5 | 4 300 | | | | | | | 84.0 | | |
| 64.0 | 210 | 21.3 | 80.9 | 95.9 | 18 500* | | | | | | | 21.3 |
| | | 22.0 | 80.4 | 95.8 | 18 400* | | | | | | | 22.0 |
| | | 24.0 | 79.2 | 95.3 | 18 000* | | | | | | | 24.0 |
| | | 26.0 | 77.9 | 94.8 | 17 700* | | | | | | | 26.0 |
| | | 28.0 | 76.7 | 94.3 | 17 300* | 80.0 | 93.4 | 15 400* | | | | 28.0 |
| | | 30.0 | 75.4 | 93.7 | 17 000* | 78.7 | 92.8 | 15 100* | | | | 30.0 |
| | | 32.0 | 74.2 | 93.0 | 16 600* | 77.4 | 92.2 | 14 800* | | | | 32.0 |
| | | 34.0 | 72.9 | 92.3 | 16 300* | 76.1 | 91.5 | 14 500* | 79.7 | 89.7 | 12 000* | 34.0 |
| | | 36.0 | 71.6 | 91.6 | 16 000* | 74.8 | 90.7 | 14 200* | 78.4 | 89.0 | 11 700* | 36.0 |
| | | 38.0 | 70.3 | 90.8 | 15 700* | 73.5 | 89.9 | 14 000* | 77.0 | 88.2 | 11 400* | 38.0 |
| | | 40.0 | 69.0 | 90.0 | 15 400* | 72.2 | 89.0 | 13 700* | 75.7 | 87.3 | 11 000* | 40.0 |
| | | 44.0 | 66.3 | 88.1 | 14 800* | 69.5 | 87.2 | 13 200* | 72.9 | 85.4 | 10 500* | 44.0 |
| | | 48.0 | 63.6 | 86.0 | 14 200* | 66.8 | 85.1 | 12 700* | 70.1 | 83.3 | 10 000* | 48.0 |
| | | 52.0 | 60.8 | 83.7 | 13 600* | 63.9 | 82.7 | 12 200* | 67.2 | 80.8 | 9 500* | 52.0 |
| | | 56.0 | 57.9 | 81.1 | 12 400 | 61.0 | 80.0 | 11 800* | 64.2 | 78.2 | 9 100* | 56.0 |
| | | 60.0 | 55.0 | 78.1 | 10 700 | 58.0 | 77.1 | 11 300* | 61.1 | 75.1 | 8 800* | 60.0 |
| 64.0 | 51.8 | 74.9 | 9 300 | 54.8 | 73.8 | 9 800 | 57.9 | 71.8 | 8 400* | 64.0 | | |
| 68.0 | 48.6 | 71.2 | 8 000 | 51.5 | 70.1 | 8 500 | 54.5 | 67.9 | 8 100* | 68.0 | | |
| 72.0 | 45.1 | 67.1 | 6 800 | 48.0 | 65.9 | 7 300 | 50.8 | 63.6 | 7 800 | 72.0 | | |
| 76.0 | 41.4 | 62.5 | 5 800 | 44.2 | 61.1 | 6 200 | 46.9 | 58.7 | 6 600 | 76.0 | | |
| 80.0 | 37.4 | 57.1 | 4 900 | 40.1 | 55.6 | 5 300 | | | | 80.0 | | |
| 84.0 | 32.9 | 50.9 | 4 100 | 35.5 | 49.2 | 4 400 | | | | 84.0 | | |

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220

LIFT CRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250T

JIB NO. 132 WITH 6 096 mm STRUT ON
BOOM NO. 44A WITH HEAVY LIFT TOP
80 560 kg CRANE COUNTERWEIGHT
360 DEGREE RATING
ON SPREAD OUTRIGGERS

30.5m (100 FT.) JIB

| BOOM LGTH. METERS | BOOM LGTH. FEET | JIB OPER. RADIUS METERS | 5 DEGREE OFFSET | | | 15 DEGREE OFFSET | | | 30 DEGREE OFFSET | | | JIB OPER. RADIUS METERS |
|-------------------|-----------------|-------------------------|-----------------|------------------------|--------------------|------------------|------------------------|--------------------|------------------|------------------------|--------------------|-------------------------|
| | | | BOOM ANG. DEG. | JIB POINT ELEV. METERS | CAPACITY KILOGRAMS | BOOM ANG. DEG. | JIB POINT ELEV. METERS | CAPACITY KILOGRAMS | BOOM ANG. DEG. | JIB POINT ELEV. METERS | CAPACITY KILOGRAMS | |
| 67.1 | 22.0 | 22.9 | 80.2 | 98.7 | 18 300* | | | | | | | 22.9 |
| | | 24.0 | 79.5 | 98.4 | 18 100* | | | | | | | 24.0 |
| | | 26.0 | 78.3 | 98.0 | 17 800* | | | | | | | 26.0 |
| | | 28.0 | 77.1 | 97.4 | 17 400* | 80.3 | 96.5 | 15 500* | | | | 28.0 |
| | | 30.0 | 75.9 | 96.9 | 17 100* | 79.1 | 96.0 | 15 200* | | | | 30.0 |
| | | 32.0 | 74.7 | 96.2 | 16 800* | 77.8 | 95.3 | 14 900* | | | | 32.0 |
| | | 34.0 | 73.4 | 95.6 | 16 500* | 76.6 | 94.7 | 14 600* | 80.0 | 92.9 | 12 100* | 34.0 |
| | | 36.0 | 72.2 | 94.9 | 16 200* | 75.3 | 93.9 | 14 400* | 78.8 | 92.2 | 11 800* | 36.0 |
| | | 38.0 | 71.0 | 94.1 | 15 800* | 74.1 | 93.2 | 14 100* | 77.5 | 91.4 | 11 500* | 38.0 |
| | | 40.0 | 69.7 | 93.3 | 15 600* | 72.8 | 92.4 | 13 800* | 76.2 | 90.6 | 11 200* | 40.0 |
| | | 44.0 | 67.1 | 91.5 | 15 000* | 70.2 | 90.5 | 13 300* | 73.5 | 88.8 | 10 600* | 44.0 |
| | | 48.0 | 64.5 | 89.5 | 14 400* | 67.6 | 88.5 | 12 800* | 70.8 | 86.7 | 10 100* | 48.0 |
| | | 52.0 | 61.8 | 87.2 | 13 800* | 64.9 | 86.2 | 12 400* | 68.1 | 84.4 | 9 700* | 52.0 |
| | | 56.0 | 59.1 | 84.7 | 12 100 | 62.1 | 83.7 | 12 000* | 65.2 | 81.8 | 9 300* | 56.0 |
| | | 60.0 | 56.2 | 81.9 | 10 400 | 59.2 | 80.9 | 11 100 | 62.2 | 78.9 | 8 900* | 60.0 |
| | | 64.0 | 53.3 | 78.8 | 8 900 | 56.2 | 77.7 | 9 500 | 59.2 | 75.7 | 8 600* | 64.0 |
| | | 68.0 | 50.2 | 75.4 | 7 600 | 53.1 | 74.2 | 8 200 | 55.9 | 72.2 | 8 300* | 68.0 |
| | | 72.0 | 46.9 | 71.5 | 6 500 | 49.8 | 70.3 | 7 000 | 52.5 | 68.1 | 7 500 | 72.0 |
| 76.0 | 43.5 | 67.2 | 5 500 | 46.2 | 65.9 | 5 900 | 48.9 | 63.6 | 6 400 | 76.0 | | |
| 80.0 | 39.8 | 62.3 | 4 600 | 42.5 | 60.9 | 4 900 | | | | 80.0 | | |
| 84.0 | 35.7 | 56.6 | 3 800 | 38.3 | 55.1 | 4 000 | | | | 84.0 | | |
| 88.0 | 31.2 | 50.0 | 3 000* | | | | | | | 88.0 | | |
| 70.1 | 22.0 | 22.9 | 80.5 | 101.8 | 18 400* | | | | | | | 22.9 |
| | | 24.0 | 79.8 | 101.6 | 18 200* | | | | | | | 24.0 |
| | | 26.0 | 78.7 | 101.1 | 17 900* | | | | | | | 26.0 |
| | | 28.0 | 77.5 | 100.6 | 17 500* | 80.6 | 99.7 | 15 600* | | | | 28.0 |
| | | 30.0 | 76.3 | 100.0 | 17 200* | 79.4 | 99.1 | 15 300* | | | | 30.0 |
| | | 32.0 | 75.2 | 99.4 | 16 900* | 78.2 | 98.5 | 15 000* | | | | 32.0 |
| | | 34.0 | 74.0 | 98.8 | 16 600* | 77.0 | 97.9 | 14 700* | 80.4 | 96.1 | 12 100* | 34.0 |
| | | 36.0 | 72.8 | 98.1 | 16 300* | 75.8 | 97.2 | 14 500* | 79.1 | 95.4 | 11 900* | 36.0 |
| | | 38.0 | 71.6 | 97.4 | 16 000* | 74.6 | 96.4 | 14 200* | 77.9 | 94.6 | 11 600* | 38.0 |
| | | 40.0 | 70.3 | 96.6 | 15 700* | 73.4 | 95.6 | 13 900* | 76.6 | 93.8 | 11 300* | 40.0 |
| | | 44.0 | 67.9 | 94.8 | 15 200* | 70.9 | 93.9 | 13 400* | 74.1 | 92.1 | 10 700* | 44.0 |
| | | 48.0 | 65.4 | 92.9 | 14 600* | 68.3 | 91.9 | 13 000* | 71.5 | 90.1 | 10 200* | 48.0 |
| | | 52.0 | 62.8 | 90.8 | 13 800 | 65.7 | 89.8 | 12 500* | 68.8 | 87.9 | 9 800* | 52.0 |
| | | 56.0 | 60.1 | 88.4 | 11 700 | 63.0 | 87.3 | 12 100* | 66.1 | 85.4 | 9 400* | 56.0 |
| | | 60.0 | 57.4 | 85.7 | 10 000 | 60.3 | 84.6 | 10 800 | 63.3 | 82.7 | 9 000* | 60.0 |
| | | 64.0 | 54.6 | 82.7 | 8 600 | 57.4 | 81.6 | 9 300 | 60.3 | 79.6 | 8 700* | 64.0 |
| | | 68.0 | 51.7 | 79.5 | 7 300 | 54.5 | 78.3 | 7 900 | 57.3 | 76.2 | 8 400 | 68.0 |
| | | 72.0 | 48.6 | 75.8 | 6 200 | 51.4 | 74.6 | 6 700 | 54.1 | 72.5 | 7 200 | 72.0 |
| 76.0 | 45.4 | 71.8 | 5 200 | 48.1 | 70.5 | 5 600 | 50.7 | 68.2 | 6 100 | 76.0 | | |
| 80.0 | 41.9 | 67.2 | 4 200 | 44.6 | 65.8 | 4 600 | 47.0 | 63.4 | 5 100 | 80.0 | | |
| 84.0 | 38.2 | 62.0 | 3 400 | 40.8 | 60.5 | 3 800 | | | | 84.0 | | |
| 88.0 | 34.1 | 56.0 | 2 700 | 36.6 | 54.4 | 3 000 | | | | 88.0 | | |
| 73.2 | 22.0 | 22.9 | 80.8 | 104.9 | 18 500* | | | | | | | 22.9 |
| | | 24.0 | 80.2 | 104.7 | 18 300* | | | | | | | 24.0 |
| | | 26.0 | 79.0 | 104.2 | 18 000* | | | | | | | 26.0 |
| | | 28.0 | 77.9 | 103.7 | 17 600* | | | | | | | 28.0 |
| | | 30.0 | 76.7 | 103.2 | 17 300* | 79.7 | 102.3 | 15 400* | | | | 30.0 |
| | | 32.0 | 75.6 | 102.6 | 17 000* | 78.6 | 101.7 | 15 100* | | | | 32.0 |
| | | 34.0 | 74.5 | 102.0 | 16 700* | 77.4 | 101.1 | 14 800* | 80.7 | 99.3 | 12 100* | 34.0 |
| | | 36.0 | 73.3 | 101.3 | 16 400* | 76.3 | 100.4 | 14 600* | 79.5 | 98.6 | 11 900* | 36.0 |
| | | 38.0 | 72.1 | 100.6 | 16 200* | 75.1 | 99.7 | 14 300* | 78.3 | 97.9 | 11 700* | 38.0 |
| | | 40.0 | 70.9 | 99.8 | 15 900* | 73.9 | 98.9 | 14 100* | 77.1 | 97.1 | 11 400* | 40.0 |
| | | 44.0 | 68.6 | 98.2 | 15 300* | 71.5 | 97.2 | 13 500* | 74.6 | 95.4 | 10 900* | 44.0 |
| | | 48.0 | 66.1 | 96.3 | 14 800* | 69.0 | 95.3 | 13 100* | 72.1 | 93.5 | 10 300* | 48.0 |
| | | 52.0 | 63.7 | 94.2 | 13 400 | 66.5 | 93.2 | 12 600* | 69.5 | 91.4 | 9 900* | 52.0 |
| | | 56.0 | 61.1 | 91.9 | 11 400 | 64.0 | 90.9 | 12 200 | 66.9 | 89.0 | 9 500* | 56.0 |
| | | 60.0 | 58.5 | 89.4 | 9 700 | 61.3 | 88.3 | 10 500 | 64.2 | 86.4 | 9 200* | 60.0 |
| | | 64.0 | 55.8 | 86.6 | 8 200 | 58.6 | 85.5 | 8 900 | 61.4 | 83.5 | 8 800* | 64.0 |
| | | 68.0 | 53.0 | 83.4 | 6 900 | 55.8 | 82.3 | 7 600 | 58.5 | 80.2 | 8 300 | 68.0 |
| | | 72.0 | 50.1 | 80.0 | 5 800 | 52.8 | 78.8 | 6 400 | 55.5 | 76.7 | 7 000 | 72.0 |
| 76.0 | 47.1 | 76.2 | 4 800 | 49.7 | 74.9 | 5 300 | 52.3 | 72.7 | 5 800 | 76.0 | | |
| 80.0 | 43.8 | 71.9 | 3 900 | 46.4 | 70.6 | 4 300 | 48.9 | 68.2 | 4 800 | 80.0 | | |
| 84.0 | 40.4 | 67.1 | 3 000 | 42.9 | 65.6 | 3 500 | | | | 84.0 | | |
| 88.0 | 36.7 | 61.6 | 2 300 | 39.1 | 60.0 | 2 600 | | | | 88.0 | | |

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220

LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250T

JIB NO. 132 WITH 6 096 mm STRUT ON
BOOM NO. 44A WITH HEAVY LIFT TOP
80 560 kg CRANE COUNTERWEIGHT
360 DEGREE RATING
ON SPREAD OUTRIGGERS

36.6m (120 FT.) JIB

| BOOM LGTH. METERS | BOOM LGTH. FEET | JIB OPER. RADIUS METERS | 5 DEGREE OFFSET | | | 15 DEGREE OFFSET | | | 30 DEGREE OFFSET | | | JIB OPER. RADIUS METERS |
|-------------------|-----------------|-------------------------|-----------------|------------------------|--------------------|------------------|------------------------|--------------------|------------------|------------------------|--------------------|-------------------------|
| | | | BOOM ANG. DEG. | JIB POINT ELEV. METERS | CAPACITY KILOGRAMS | BOOM ANG. DEG. | JIB POINT ELEV. METERS | CAPACITY KILOGRAMS | BOOM ANG. DEG. | JIB POINT ELEV. METERS | CAPACITY KILOGRAMS | |
| 39.6 | 130 | 18.3 | 80.9 | 77.9 | 14 800* | | | | | | | 18.3 |
| | | 20.0 | 79.6 | 77.5 | 14 500* | | | | | | | 20.0 |
| | | 22.0 | 78.0 | 77.0 | 13 900* | | | | | | | 22.0 |
| | | 24.0 | 76.5 | 76.5 | 13 500* | | | | | | | 24.0 |
| | | 26.0 | 74.9 | 75.8 | 13 000* | 80.1 | 75.2 | 10 800* | | | | 26.0 |
| | | 28.0 | 73.4 | 75.1 | 12 600* | 78.5 | 74.6 | 10 400* | | | | 28.0 |
| | | 30.0 | 71.8 | 74.4 | 12 100* | 76.9 | 73.8 | 10 000* | | | | 30.0 |
| | | 32.0 | 70.1 | 73.6 | 11 700* | 75.3 | 73.0 | 9 700* | | | | 32.0 |
| | | 34.0 | 68.5 | 72.7 | 11 200* | 73.7 | 72.1 | 9 400* | 78.7 | 70.4 | 8 100* | 34.0 |
| | | 36.0 | 66.9 | 71.7 | 10 800* | 72.0 | 71.2 | 9 100* | 77.0 | 69.5 | 7 900* | 36.0 |
| | | 38.0 | 65.2 | 70.7 | 10 400* | 70.3 | 70.1 | 8 800* | 75.3 | 68.4 | 7 700* | 38.0 |
| | | 40.0 | 63.5 | 69.6 | 10 100* | 68.6 | 69.0 | 8 500* | 73.5 | 67.3 | 7 400* | 40.0 |
| | | 44.0 | 60.0 | 67.2 | 9 400* | 65.1 | 66.6 | 7 900* | 69.9 | 64.8 | 7 000* | 44.0 |
| | | 48.0 | 56.3 | 64.4 | 8 700* | 61.4 | 63.8 | 7 400* | 66.1 | 61.9 | 6 600* | 48.0 |
| | | 52.0 | 52.5 | 61.2 | 8 100* | 57.5 | 60.6 | 7 000* | 62.1 | 58.6 | 6 300* | 52.0 |
| | | 56.0 | 48.5 | 57.5 | 7 600* | 53.4 | 56.9 | 6 600* | 57.9 | 54.7 | 6 000* | 56.0 |
| 60.0 | 44.1 | 53.2 | 7 100* | 49.0 | 52.6 | 6 200* | 53.2 | 50.2 | 5 700* | 60.0 | | |
| 64.0 | 39.3 | 48.2 | 6 600* | 44.2 | 47.5 | 5 900* | 48.1 | 44.9 | 5 500* | 64.0 | | |
| 68.0 | 33.9 | 42.1 | 6 200* | | | 5 600* | | | | 68.0 | | |
| 42.7 | 140 | 19.8 | 80.1 | 80.7 | 14 600* | | | | | | | 19.8 |
| | | 20.0 | 80.0 | 80.7 | 14 600* | | | | | | | 20.0 |
| | | 22.0 | 78.5 | 80.2 | 14 100* | | | | | | | 22.0 |
| | | 24.0 | 77.0 | 79.6 | 13 600* | | | | | | | 24.0 |
| | | 26.0 | 75.5 | 79.0 | 13 200* | 80.5 | 78.4 | 10 900* | | | | 26.0 |
| | | 28.0 | 74.0 | 78.4 | 12 700* | 79.0 | 77.7 | 10 500* | | | | 28.0 |
| | | 30.0 | 72.5 | 77.6 | 12 300* | 77.5 | 77.0 | 10 200* | | | | 30.0 |
| | | 32.0 | 71.0 | 76.9 | 11 900* | 75.9 | 76.3 | 9 800* | | | | 32.0 |
| | | 34.0 | 69.4 | 76.0 | 11 500* | 74.3 | 75.4 | 9 500* | 79.2 | 73.7 | 8 200* | 34.0 |
| | | 36.0 | 67.8 | 75.1 | 11 100* | 72.8 | 74.5 | 9 200* | 77.6 | 72.8 | 8 000* | 36.0 |
| | | 38.0 | 66.2 | 74.1 | 10 700* | 71.1 | 73.5 | 8 900* | 75.9 | 71.8 | 7 800* | 38.0 |
| | | 40.0 | 64.6 | 73.1 | 10 300* | 69.5 | 72.5 | 8 600* | 74.3 | 70.7 | 7 500* | 40.0 |
| | | 44.0 | 61.3 | 70.8 | 9 600* | 66.2 | 70.2 | 8 100* | 70.8 | 68.3 | 7 100* | 44.0 |
| | | 48.0 | 57.8 | 68.1 | 8 900* | 62.7 | 67.5 | 7 600* | 67.3 | 65.6 | 6 700* | 48.0 |
| | | 52.0 | 54.2 | 65.1 | 8 400* | 59.1 | 64.5 | 7 100* | 63.5 | 62.5 | 6 400* | 52.0 |
| | | 56.0 | 50.5 | 61.7 | 7 800* | 55.2 | 61.1 | 6 700* | 59.5 | 58.9 | 6 100* | 56.0 |
| 60.0 | 46.4 | 57.7 | 7 300* | 51.2 | 57.1 | 6 400* | 55.3 | 54.8 | 5 800* | 60.0 | | |
| 64.0 | 42.1 | 53.2 | 6 900* | 46.8 | 52.5 | 6 000* | 50.7 | 50.0 | 5 600* | 64.0 | | |
| 68.0 | 37.3 | 47.8 | 6 500* | 41.9 | 47.1 | 5 800* | 45.5 | 44.2 | 5 400* | 68.0 | | |
| 72.0 | 31.8 | 41.3 | 6 100* | 36.3 | 40.4 | 5 500* | | | | 72.0 | | |
| 45.7 | 150 | 19.8 | 80.5 | 83.8 | 14 700* | | | | | | | 19.8 |
| | | 20.0 | 80.4 | 83.8 | 14 700* | | | | | | | 20.0 |
| | | 22.0 | 78.9 | 83.3 | 14 300* | | | | | | | 22.0 |
| | | 24.0 | 77.5 | 82.8 | 13 800* | | | | | | | 24.0 |
| | | 26.0 | 76.1 | 82.2 | 13 400* | | | | | | | 26.0 |
| | | 28.0 | 74.6 | 81.6 | 12 900* | 79.4 | 80.9 | 10 600* | | | | 28.0 |
| | | 30.0 | 73.2 | 80.9 | 12 500* | 78.0 | 80.2 | 10 300* | | | | 30.0 |
| | | 32.0 | 71.7 | 80.1 | 12 100* | 76.5 | 79.5 | 9 900* | | | | 32.0 |
| | | 34.0 | 70.2 | 79.3 | 11 700* | 75.0 | 78.7 | 9 600* | 79.7 | 76.9 | 8 300* | 34.0 |
| | | 36.0 | 68.7 | 78.5 | 11 300* | 73.5 | 77.8 | 9 300* | 78.1 | 76.1 | 8 000* | 36.0 |
| | | 38.0 | 67.2 | 77.5 | 10 900* | 71.9 | 76.9 | 9 000* | 76.5 | 75.1 | 7 900* | 38.0 |
| | | 40.0 | 65.6 | 76.5 | 10 500* | 70.4 | 75.9 | 8 700* | 74.9 | 74.1 | 7 600* | 40.0 |
| | | 44.0 | 62.5 | 74.3 | 9 900* | 67.2 | 73.7 | 8 200* | 71.7 | 71.8 | 7 200* | 44.0 |
| | | 48.0 | 59.2 | 71.8 | 9 200* | 63.9 | 71.2 | 7 800* | 68.3 | 69.2 | 6 800* | 48.0 |
| | | 52.0 | 55.8 | 69.0 | 8 600* | 60.4 | 68.3 | 7 300* | 64.7 | 66.3 | 6 500* | 52.0 |
| | | 56.0 | 52.3 | 65.7 | 8 100* | 56.9 | 65.1 | 6 900* | 61.0 | 63.0 | 6 200* | 56.0 |
| 60.0 | 48.5 | 62.1 | 7 600* | 53.1 | 61.4 | 6 500* | 57.1 | 59.1 | 5 900* | 60.0 | | |
| 64.0 | 44.5 | 57.9 | 7 100* | 49.0 | 57.2 | 6 200* | 52.9 | 54.7 | 5 700* | 64.0 | | |
| 68.0 | 40.1 | 53.0 | 6 700* | 44.6 | 52.3 | 5 900* | 48.2 | 49.5 | 5 500* | 68.0 | | |
| 72.0 | 35.3 | 47.2 | 6 300* | 39.7 | 46.5 | 5 700* | | | | 72.0 | | |
| 76.0 | 29.7 | 40.2 | 6 000* | 33.9 | 39.3 | 5 500* | | | | 76.0 | | |

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220

LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250T

JIB NO. 132 WITH 6 096 mm STRUT ON
BOOM NO. 44A WITH HEAVY LIFT TOP
80 560 kg CRANE COUNTERWEIGHT
360 DEGREE RATING
ON SPREAD OUTRIGGERS

36.6m (120 FT.) JIB

| BOOM LGTH. METERS | BOOM LGTH. FEET | JIB OPER. RADIUS METERS | 5 DEGREE OFFSET | | | 15 DEGREE OFFSET | | | 30 DEGREE OFFSET | | | JIB OPER. RADIUS METERS |
|-------------------|-----------------|-------------------------|-----------------|------------------------|--------------------|------------------|------------------------|--------------------|------------------|------------------------|--------------------|-------------------------|
| | | | BOOM ANG. DEG. | JIB POINT ELEV. METERS | CAPACITY KILOGRAMS | BOOM ANG. DEG. | JIB POINT ELEV. METERS | CAPACITY KILOGRAMS | BOOM ANG. DEG. | JIB POINT ELEV. METERS | CAPACITY KILOGRAMS | |
| 488 | 160 | 19.8 | 80.9 | 86.9 | 14 800* | | | | | | | 19.8 |
| | | 20.0 | 80.7 | 86.9 | 14 800* | | | | | | | 20.0 |
| | | 22.0 | 79.4 | 86.4 | 14 400* | | | | | | | 22.0 |
| | | 24.0 | 78.0 | 85.9 | 14 000* | | | | | | | 24.0 |
| | | 26.0 | 76.6 | 85.4 | 13 500* | | | | | | | 26.0 |
| | | 28.0 | 75.2 | 84.8 | 13 100* | 79.8 | 84.1 | 10 700* | | | | 28.0 |
| | | 30.0 | 73.8 | 84.1 | 12 700* | 78.4 | 83.5 | 10 400* | | | | 30.0 |
| | | 32.0 | 72.4 | 83.4 | 12 300* | 77.0 | 82.7 | 10 100* | | | | 32.0 |
| | | 34.0 | 70.9 | 82.6 | 11 900* | 75.5 | 82.0 | 9 800* | 80.1 | 80.2 | 8 400* | 34.0 |
| | | 36.0 | 69.5 | 81.8 | 11 500* | 74.1 | 81.1 | 9 500* | 78.6 | 79.3 | 8 100* | 36.0 |
| | | 38.0 | 68.0 | 80.9 | 11 100* | 72.6 | 80.2 | 9 200* | 77.1 | 78.4 | 7 900* | 38.0 |
| | | 40.0 | 66.6 | 79.9 | 10 800* | 71.1 | 79.3 | 8 900* | 75.5 | 77.4 | 7 700* | 40.0 |
| | | 44.0 | 63.5 | 77.8 | 10 100* | 68.1 | 77.2 | 8 400* | 72.4 | 75.3 | 7 300* | 44.0 |
| | | 48.0 | 60.4 | 75.5 | 9 500* | 65.0 | 74.8 | 7 900* | 69.2 | 72.8 | 6 900* | 48.0 |
| | | 52.0 | 57.2 | 72.8 | 8 900* | 61.7 | 72.1 | 7 500* | 65.9 | 70.0 | 6 600* | 52.0 |
| | | 56.0 | 53.9 | 69.7 | 8 300* | 58.3 | 69.0 | 7 100* | 62.4 | 66.9 | 6 300* | 56.0 |
| 60.0 | 50.4 | 66.3 | 7 800* | 54.8 | 65.6 | 6 700* | 58.7 | 63.3 | 6 000* | 60.0 | | |
| 64.0 | 46.6 | 62.4 | 7 300* | 51.0 | 61.7 | 6 300* | 54.8 | 59.2 | 5 800* | 64.0 | | |
| 68.0 | 42.6 | 57.9 | 6 900* | 46.9 | 57.2 | 6 100* | 50.5 | 54.5 | 5 600* | 68.0 | | |
| 72.0 | 38.3 | 52.7 | 6 500* | 42.5 | 51.9 | 5 800* | 45.8 | 49.0 | 5 400* | 72.0 | | |
| 76.0 | 33.4 | 46.5 | 6 200* | 37.5 | 45.7 | 5 600* | | | | 76.0 | | |
| 80.0 | 27.6 | 38.9 | 5 900* | | | | | | | 80.0 | | |
| 518 | 170 | 21.3 | 80.2 | 89.7 | 14 600* | | | | | | | 21.3 |
| | | 22.0 | 79.7 | 89.6 | 14 500* | | | | | | | 22.0 |
| | | 24.0 | 78.4 | 89.1 | 14 100* | | | | | | | 24.0 |
| | | 26.0 | 77.1 | 88.6 | 13 700* | | | | | | | 26.0 |
| | | 28.0 | 75.7 | 88.0 | 13 300* | 80.2 | 87.3 | 10 800* | | | | 28.0 |
| | | 30.0 | 74.4 | 87.3 | 12 800* | 78.8 | 86.6 | 10 400* | | | | 30.0 |
| | | 32.0 | 73.0 | 86.6 | 12 500* | 77.5 | 86.0 | 10 200* | | | | 32.0 |
| | | 34.0 | 71.6 | 85.9 | 12 100* | 76.1 | 85.2 | 9 900* | 80.4 | 83.4 | 8 400* | 34.0 |
| | | 36.0 | 70.2 | 85.1 | 11 700* | 74.7 | 84.4 | 9 600* | 79.0 | 82.6 | 8 200* | 36.0 |
| | | 38.0 | 68.8 | 84.2 | 11 400* | 73.3 | 83.6 | 9 300* | 77.6 | 81.7 | 8 000* | 38.0 |
| | | 40.0 | 67.4 | 83.3 | 11 000* | 71.8 | 82.6 | 9 000* | 76.1 | 80.8 | 7 800* | 40.0 |
| | | 44.0 | 64.5 | 81.3 | 10 300* | 68.9 | 80.6 | 8 500* | 73.1 | 78.7 | 7 400* | 44.0 |
| | | 48.0 | 61.6 | 79.0 | 9 700* | 65.9 | 78.4 | 8 000* | 70.1 | 76.4 | 7 000* | 48.0 |
| | | 52.0 | 58.5 | 76.5 | 9 100* | 62.8 | 75.8 | 7 600* | 66.9 | 73.7 | 6 700* | 52.0 |
| | | 56.0 | 55.3 | 73.6 | 8 500* | 59.6 | 72.9 | 7 200* | 63.6 | 70.7 | 6 400* | 56.0 |
| | | 60.0 | 52.0 | 70.3 | 8 000* | 56.3 | 69.6 | 6 800* | 60.1 | 67.4 | 6 100* | 60.0 |
| 64.0 | 48.5 | 66.7 | 7 600* | 52.8 | 66.0 | 6 500* | 56.5 | 63.6 | 5 900* | 64.0 | | |
| 68.0 | 44.8 | 62.5 | 7 200* | 49.0 | 61.8 | 6 200* | 52.5 | 59.2 | 5 700* | 68.0 | | |
| 72.0 | 40.8 | 57.8 | 6 800* | 45.0 | 57.0 | 6 000* | 48.3 | 54.2 | 5 500* | 72.0 | | |
| 76.0 | 36.4 | 52.3 | 6 400* | 40.5 | 51.4 | 5 700* | | | | 76.0 | | |
| 80.0 | 31.5 | 45.7 | 6 100* | 35.4 | 44.7 | 5 500* | | | | 80.0 | | |
| 549 | 180 | 21.3 | 80.5 | 92.8 | 14 700* | | | | | | | 21.3 |
| | | 22.0 | 80.1 | 92.7 | 14 600* | | | | | | | 22.0 |
| | | 24.0 | 78.8 | 92.2 | 14 200* | | | | | | | 24.0 |
| | | 26.0 | 77.5 | 91.7 | 13 800* | | | | | | | 26.0 |
| | | 28.0 | 76.2 | 91.1 | 13 400* | 80.5 | 90.4 | 10 900* | | | | 28.0 |
| | | 30.0 | 74.9 | 90.5 | 13 000* | 79.2 | 89.8 | 10 500* | | | | 30.0 |
| | | 32.0 | 73.6 | 89.9 | 12 700* | 77.9 | 89.2 | 10 200* | | | | 32.0 |
| | | 34.0 | 72.3 | 89.2 | 12 200* | 76.6 | 88.4 | 9 900* | | | | 34.0 |
| | | 36.0 | 70.9 | 88.4 | 11 900* | 75.2 | 87.7 | 9 700* | 79.4 | 85.8 | 8 300* | 36.0 |
| | | 38.0 | 69.6 | 87.6 | 11 500* | 73.9 | 86.9 | 9 400* | 78.0 | 85.0 | 8 000* | 38.0 |
| | | 40.0 | 68.2 | 86.7 | 11 200* | 72.5 | 86.0 | 9 200* | 76.6 | 84.1 | 7 900* | 40.0 |
| | | 44.0 | 65.5 | 84.7 | 10 500* | 69.7 | 84.0 | 8 600* | 73.8 | 82.1 | 7 400* | 44.0 |
| | | 48.0 | 62.6 | 82.6 | 9 900* | 66.8 | 81.9 | 8 200* | 70.8 | 79.8 | 7 100* | 48.0 |
| | | 52.0 | 59.7 | 80.1 | 9 300* | 63.9 | 79.4 | 7 700* | 67.8 | 77.3 | 6 800* | 52.0 |
| | | 56.0 | 56.7 | 77.4 | 8 800* | 60.8 | 76.7 | 7 400* | 64.7 | 74.5 | 6 500* | 56.0 |
| | | 60.0 | 53.5 | 74.3 | 8 300* | 57.7 | 73.6 | 7 000* | 61.4 | 71.3 | 6 200* | 60.0 |
| 64.0 | 50.3 | 70.9 | 7 800* | 54.4 | 70.1 | 6 700* | 58.0 | 67.7 | 6 000* | 64.0 | | |
| 68.0 | 46.8 | 67.0 | 7 400* | 50.8 | 66.2 | 6 400* | 54.3 | 63.7 | 5 800* | 68.0 | | |
| 72.0 | 43.1 | 62.6 | 7 000* | 47.1 | 61.8 | 6 100* | 50.4 | 59.1 | 5 600* | 72.0 | | |
| 76.0 | 39.1 | 57.6 | 6 600* | 43.0 | 56.7 | 5 800* | 46.1 | 53.7 | 5 400* | 76.0 | | |
| 80.0 | 34.7 | 51.7 | 6 000 | 38.5 | 50.8 | 5 600* | | | | 80.0 | | |
| 84.0 | 29.6 | 44.6 | 5 200 | | | | | | | 84.0 | | |

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220

LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250T

JIB NO. 132 WITH 6 096 mm STRUT ON
BOOM NO. 44A WITH HEAVY LIFT TOP
80 560 kg CRANE COUNTERWEIGHT
360 DEGREE RATING
ON SPREAD OUTRIGGERS

36.6m (120 FT.) JIB

| BOOM LGTH. METERS | BOOM LGTH. FEET | JIB OPER. RADIUS METERS | 5 DEGREE OFFSET | | | 15 DEGREE OFFSET | | | 30 DEGREE OFFSET | | | JIB OPER. RADIUS METERS |
|-------------------|-----------------|-------------------------|-----------------|------------------------|--------------------|------------------|------------------------|--------------------|------------------|------------------------|--------------------|-------------------------|
| | | | BOOM ANG. DEG. | JIB POINT ELEV. METERS | CAPACITY KILOGRAMS | BOOM ANG. DEG. | JIB POINT ELEV. METERS | CAPACITY KILOGRAMS | BOOM ANG. DEG. | JIB POINT ELEV. METERS | CAPACITY KILOGRAMS | |
| 57.9 | 190 | 21.3 | 80.8 | 96.0 | 14 800* | | | | | | | 21.3 |
| | | 22.0 | 80.4 | 95.8 | 14 700* | | | | | | | 22.0 |
| | | 24.0 | 79.2 | 95.4 | 14 300* | | | | | | | 24.0 |
| | | 26.0 | 77.9 | 94.9 | 13 900* | | | | | | | 26.0 |
| | | 28.0 | 76.7 | 94.3 | 13 500* | | | | | | | 28.0 |
| | | 30.0 | 75.4 | 93.7 | 13 200* | 79.6 | 93.0 | 10 600* | | | | 30.0 |
| | | 32.0 | 74.1 | 93.1 | 12 800* | 78.3 | 92.4 | 10 300* | | | | 32.0 |
| | | 34.0 | 72.9 | 92.4 | 12 400* | 77.0 | 91.7 | 10 000* | | | | 34.0 |
| | | 36.0 | 71.6 | 91.6 | 12 100* | 75.7 | 90.9 | 9 800* | 79.8 | 89.0 | 8 300* | 36.0 |
| | | 38.0 | 70.3 | 90.9 | 11 700* | 74.4 | 90.1 | 9 500* | 78.5 | 88.2 | 8 100* | 38.0 |
| | | 40.0 | 69.0 | 90.0 | 11 400* | 73.1 | 89.3 | 9 200* | 77.1 | 87.3 | 7 900* | 40.0 |
| | | 44.0 | 66.3 | 88.2 | 10 700* | 70.4 | 87.4 | 8 800* | 74.4 | 85.4 | 7 500* | 44.0 |
| | | 48.0 | 63.6 | 86.1 | 10 100* | 67.7 | 85.3 | 8 300* | 71.5 | 83.3 | 7 200* | 48.0 |
| | | 52.0 | 60.8 | 83.7 | 9 500* | 64.9 | 83.0 | 7 900* | 68.7 | 80.9 | 6 900* | 52.0 |
| | | 56.0 | 57.9 | 81.1 | 9 000* | 62.0 | 80.4 | 7 500* | 65.7 | 78.2 | 6 600* | 56.0 |
| | | 60.0 | 54.9 | 78.2 | 8 500* | 58.9 | 77.5 | 7 100* | 62.6 | 75.2 | 6 300* | 60.0 |
| | | 64.0 | 51.8 | 74.9 | 8 000* | 55.8 | 74.2 | 6 800* | 59.3 | 71.8 | 6 100* | 64.0 |
| | | 68.0 | 48.6 | 71.3 | 7 600* | 52.5 | 70.5 | 6 500* | 55.9 | 68.0 | 5 900* | 68.0 |
| 72.0 | 45.1 | 67.2 | 7 200* | 49.0 | 66.4 | 6 200* | 52.3 | 63.7 | 5 700* | 72.0 | | |
| 76.0 | 41.4 | 62.5 | 6 600* | 45.3 | 61.7 | 5 900* | 48.3 | 58.8 | 5 500* | 76.0 | | |
| 80.0 | 37.4 | 57.2 | 5 700* | 41.2 | 56.3 | 5 700* | | | | 80.0 | | |
| 84.0 | 32.9 | 50.9 | 4 900* | 36.6 | 50.0 | 5 200* | | | | 84.0 | | |
| 88.0 | 27.8 | 43.4 | 4 100* | | | | | | | 88.0 | | |
| 61.0 | 200 | 22.9 | 80.2 | 98.7 | 14 600* | | | | | | | 22.9 |
| | | 24.0 | 79.5 | 98.5 | 14 400* | | | | | | | 24.0 |
| | | 26.0 | 78.3 | 98.0 | 14 000* | | | | | | | 26.0 |
| | | 28.0 | 77.1 | 97.5 | 13 700* | | | | | | | 28.0 |
| | | 30.0 | 75.9 | 96.9 | 13 300* | 79.9 | 96.2 | 10 700* | | | | 30.0 |
| | | 32.0 | 74.7 | 96.3 | 12 900* | 78.7 | 95.5 | 10 400* | | | | 32.0 |
| | | 34.0 | 73.4 | 95.6 | 12 600* | 77.5 | 94.9 | 10 100* | | | | 34.0 |
| | | 36.0 | 72.2 | 94.9 | 12 200* | 76.2 | 94.2 | 9 900* | 80.1 | 92.2 | 8 400* | 36.0 |
| | | 38.0 | 70.9 | 94.1 | 11 900* | 74.9 | 93.4 | 9 600* | 78.8 | 91.4 | 8 200* | 38.0 |
| | | 40.0 | 69.7 | 93.3 | 11 500* | 73.7 | 92.6 | 9 400* | 77.5 | 90.6 | 8 000* | 40.0 |
| | | 44.0 | 67.1 | 91.5 | 10 900* | 71.1 | 90.8 | 8 900* | 74.9 | 88.8 | 7 600* | 44.0 |
| | | 48.0 | 64.5 | 89.5 | 10 300* | 68.5 | 88.8 | 8 400* | 72.2 | 86.7 | 7 300* | 48.0 |
| | | 52.0 | 61.8 | 87.3 | 9 700* | 65.7 | 86.5 | 8 000* | 69.4 | 84.4 | 7 000* | 52.0 |
| | | 56.0 | 59.1 | 84.8 | 9 200* | 63.0 | 84.0 | 7 700* | 66.6 | 81.8 | 6 700* | 56.0 |
| | | 60.0 | 56.2 | 82.0 | 8 700* | 60.1 | 81.2 | 7 300* | 63.6 | 79.0 | 6 400* | 60.0 |
| | | 64.0 | 53.3 | 78.9 | 8 200* | 57.1 | 78.1 | 6 900* | 60.6 | 75.8 | 6 200* | 64.0 |
| | | 68.0 | 50.2 | 75.5 | 7 800* | 54.0 | 74.7 | 6 600* | 57.3 | 72.2 | 5 900* | 68.0 |
| | | 72.0 | 46.9 | 71.6 | 7 300* | 50.7 | 70.8 | 6 300* | 53.9 | 68.2 | 5 700* | 72.0 |
| 76.0 | 43.5 | 67.3 | 6 200* | 47.2 | 66.4 | 6 100* | 50.3 | 63.6 | 5 600* | 76.0 | | |
| 80.0 | 39.8 | 62.4 | 5 300* | 43.5 | 61.5 | 5 800* | 46.3 | 58.4 | 5 500* | 80.0 | | |
| 84.0 | 35.8 | 56.7 | 4 500* | 39.4 | 55.8 | 4 900* | | | | 84.0 | | |
| 88.0 | 31.2 | 50.1 | 3 800* | 34.7 | 49.0 | 4 100* | | | | 88.0 | | |
| 64.0 | 210 | 22.9 | 80.5 | 101.8 | 14 700* | | | | | | | 22.9 |
| | | 24.0 | 79.8 | 101.6 | 14 500* | | | | | | | 24.0 |
| | | 26.0 | 78.7 | 101.1 | 14 200* | | | | | | | 26.0 |
| | | 28.0 | 77.5 | 100.6 | 13 800* | | | | | | | 28.0 |
| | | 30.0 | 76.3 | 100.1 | 13 500* | 80.2 | 99.3 | 10 800* | | | | 30.0 |
| | | 32.0 | 75.1 | 99.5 | 13 100* | 79.0 | 98.7 | 10 500* | | | | 32.0 |
| | | 34.0 | 73.9 | 98.8 | 12 700* | 77.9 | 98.1 | 10 200* | | | | 34.0 |
| | | 36.0 | 72.7 | 98.1 | 12 400* | 76.6 | 97.4 | 10 000* | | | | 36.0 |
| | | 38.0 | 71.5 | 97.4 | 12 000* | 75.4 | 96.6 | 9 700* | 79.2 | 94.7 | 8 200* | 38.0 |
| | | 40.0 | 70.3 | 96.6 | 11 700* | 74.2 | 95.9 | 9 500* | 78.0 | 93.9 | 8 000* | 40.0 |
| | | 44.0 | 67.9 | 94.9 | 11 100* | 71.7 | 94.1 | 9 000* | 75.4 | 92.1 | 7 700* | 44.0 |
| | | 48.0 | 65.3 | 93.0 | 10 500* | 69.2 | 92.2 | 8 600* | 72.8 | 90.1 | 7 300* | 48.0 |
| | | 52.0 | 62.8 | 90.8 | 9 900* | 66.6 | 90.0 | 8 100* | 70.2 | 87.9 | 7 000* | 52.0 |
| | | 56.0 | 60.1 | 88.4 | 9 400* | 63.9 | 87.6 | 7 700* | 67.4 | 85.4 | 6 700* | 56.0 |
| | | 60.0 | 57.4 | 85.7 | 8 900* | 61.2 | 85.0 | 7 400* | 64.6 | 82.7 | 6 500* | 60.0 |
| | | 64.0 | 54.6 | 82.8 | 8 400* | 58.3 | 82.0 | 7 100* | 61.7 | 79.7 | 6 300* | 64.0 |
| | | 68.0 | 51.7 | 79.5 | 8 000* | 55.4 | 78.7 | 6 800* | 58.6 | 76.3 | 6 000* | 68.0 |
| | | 72.0 | 48.6 | 75.9 | 7 100* | 52.3 | 75.1 | 6 500* | 55.4 | 72.5 | 5 800* | 72.0 |
| 76.0 | 45.4 | 71.8 | 6 100* | 49.0 | 71.0 | 6 200* | 52.0 | 68.2 | 5 700* | 76.0 | | |
| 80.0 | 41.9 | 67.3 | 5 100* | 45.5 | 66.4 | 5 700* | 48.4 | 63.4 | 5 500* | 80.0 | | |
| 84.0 | 38.2 | 62.1 | 4 400* | 41.8 | 61.2 | 4 800* | | | | 84.0 | | |
| 88.0 | 34.1 | 56.1 | 3 600* | 37.6 | 55.1 | 4 000* | | | | 88.0 | | |
| 92.0 | 29.5 | 49.0 | 2 900* | | | | | | | 92.0 | | |

MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220

LIFTCRANE JIB CAPACITIES

MEETS
ANSI B30.5
REQUIREMENTS

M-250T

**JIB NO. 132 WITH 6 096 mm STRUT ON
BOOM NO. 44A WITH HEAVY LIFT TOP
80 560 kg CRANE COUNTERWEIGHT
360 DEGREE RATING
ON SPREAD OUTRIGGERS**

36.6m (120 FT.) JIB

| BOOM LGTH. METERS | BOOM LGTH. FEET | JIB OPER. RADIUS METERS | 5 DEGREE OFFSET | | | 15 DEGREE OFFSET | | | 30 DEGREE OFFSET | | | JIB OPER. RADIUS METERS | |
|-------------------|-----------------|-------------------------|-----------------|------------------------|--------------------|------------------|------------------------|--------------------|------------------|------------------------|--------------------|-------------------------|------|
| | | | BOOM ANG. DEG. | JIB POINT ELEV. METERS | CAPACITY KILOGRAMS | BOOM ANG. DEG. | JIB POINT ELEV. METERS | CAPACITY KILOGRAMS | BOOM ANG. DEG. | JIB POINT ELEV. METERS | CAPACITY KILOGRAMS | | |
| 67.1 | 220 | 22.9 | 80.7 | 105.0 | 14 800* | | | | | | | 22.9 | |
| | | 24.0 | 80.1 | 104.7 | 14 700* | | | | | | | | 24.0 |
| | | 26.0 | 79.0 | 104.3 | 14 300* | | | | | | | | 26.0 |
| | | 28.0 | 77.9 | 103.8 | 13 900* | | | | | | | | 28.0 |
| | | 30.0 | 76.7 | 103.2 | 13 600* | | | | | | | | 30.0 |
| | | 32.0 | 75.6 | 102.7 | 13 200* | 79.4 | 101.9 | 10 600* | | | | | 32.0 |
| | | 34.0 | 74.4 | 102.0 | 12 900* | 78.2 | 101.3 | 10 300* | | | | | 34.0 |
| | | 36.0 | 73.3 | 101.4 | 12 500* | 77.1 | 100.6 | 10 100* | | | | | 36.0 |
| | | 38.0 | 72.1 | 100.7 | 12 200* | 75.9 | 99.9 | 9 800* | 79.6 | 97.9 | 8 300* | | 38.0 |
| | | 40.0 | 70.9 | 99.9 | 11 900* | 74.7 | 99.1 | 9 600* | 78.3 | 97.1 | 8 100* | | 40.0 |
| | | 44.0 | 68.5 | 98.2 | 11 300* | 72.3 | 97.5 | 9 100* | 75.9 | 95.4 | 7 700* | | 44.0 |
| | | 48.0 | 66.1 | 96.4 | 10 700* | 69.8 | 95.6 | 8 700* | 73.4 | 93.5 | 7 400* | | 48.0 |
| | | 52.0 | 63.6 | 94.3 | 10 100* | 67.3 | 93.5 | 8 300* | 70.8 | 91.4 | 7 100* | | 52.0 |
| | | 56.0 | 61.1 | 92.0 | 9 600* | 64.8 | 91.2 | 7 900* | 68.2 | 89.0 | 6 800* | | 56.0 |
| | | 60.0 | 58.5 | 89.4 | 9 100* | 62.2 | 88.7 | 7 500* | 65.5 | 86.4 | 6 600* | | 60.0 |
| | | 64.0 | 55.8 | 86.6 | 8 600* | 59.4 | 85.8 | 7 200* | 62.7 | 83.5 | 6 300* | | 64.0 |
| | | 68.0 | 53.0 | 83.5 | 7 800 | 56.6 | 82.7 | 6 900* | 59.8 | 80.2 | 6 100* | | 68.0 |
| | | 72.0 | 50.1 | 80.1 | 6 700 | 53.7 | 79.2 | 6 600* | 56.8 | 76.7 | 5 900* | | 72.0 |
| 76.0 | 47.1 | 76.2 | 5 700 | 50.6 | 75.4 | 6 300 | 53.6 | 72.7 | 5 700* | | 76.0 | | |
| 80.0 | 43.8 | 72.0 | 4 800 | 47.3 | 71.1 | 5 400 | 50.2 | 68.2 | 5 600* | | 80.0 | | |
| 84.0 | 40.4 | 67.2 | 4 000 | 43.9 | 66.2 | 4 500 | 46.5 | 63.1 | 4 900 | | 84.0 | | |
| 88.0 | 36.7 | 61.7 | 3 200 | 40.1 | 60.7 | 3 700 | | | | | 88.0 | | |
| 92.0 | 32.6 | 55.4 | 2 600 | 35.9 | 54.3 | 2 900 | | | | | 92.0 | | |
| 70.1 | 230 | 24.4 | 80.2 | 107.8 | 14 700* | | | | | | | 24.4 | |
| | | 26.0 | 79.3 | 107.4 | 14 400* | | | | | | | | 26.0 |
| | | 28.0 | 78.2 | 106.9 | 14 000* | | | | | | | | 28.0 |
| | | 30.0 | 77.1 | 106.4 | 13 700* | | | | | | | | 30.0 |
| | | 32.0 | 76.0 | 105.8 | 13 300* | 79.7 | 105.0 | 10 700* | | | | | 32.0 |
| | | 34.0 | 74.9 | 105.2 | 13 000* | 78.6 | 104.4 | 10 400* | | | | | 34.0 |
| | | 36.0 | 73.8 | 104.6 | 12 700* | 77.4 | 103.8 | 10 200* | | | | | 36.0 |
| | | 38.0 | 72.6 | 103.9 | 12 400* | 76.3 | 103.1 | 9 900* | 79.9 | 101.1 | 8 400* | | 38.0 |
| | | 40.0 | 71.5 | 103.2 | 12 100* | 75.2 | 102.4 | 9 700* | 78.7 | 100.3 | 8 200* | | 40.0 |
| | | 44.0 | 69.2 | 101.6 | 11 400* | 72.8 | 100.8 | 9 200* | 76.3 | 98.7 | 7 800* | | 44.0 |
| | | 48.0 | 66.9 | 99.8 | 10 900* | 70.5 | 99.0 | 8 800* | 73.9 | 96.8 | 7 500* | | 48.0 |
| | | 52.0 | 64.5 | 97.7 | 10 300* | 68.1 | 97.0 | 8 400* | 71.5 | 94.8 | 7 200* | | 52.0 |
| | | 56.0 | 62.0 | 95.5 | 9 800* | 65.6 | 94.7 | 8 000* | 68.9 | 92.5 | 6 900* | | 56.0 |
| | | 60.0 | 59.5 | 93.1 | 9 300* | 63.1 | 92.3 | 7 700* | 66.3 | 90.0 | 6 600* | | 60.0 |
| | | 64.0 | 56.9 | 90.4 | 8 800* | 60.5 | 89.6 | 7 300* | 63.7 | 87.2 | 6 400* | | 64.0 |
| | | 68.0 | 54.3 | 87.4 | 7 500 | 57.8 | 86.6 | 7 000* | 60.9 | 84.1 | 6 200* | | 68.0 |
| | | 72.0 | 51.5 | 84.1 | 6 400 | 55.0 | 83.3 | 6 700* | 58.0 | 80.7 | 6 000* | | 72.0 |
| | | 76.0 | 48.6 | 80.5 | 5 400 | 52.1 | 79.6 | 6 000 | 55.0 | 77.0 | 5 800* | | 76.0 |
| 80.0 | 45.6 | 76.5 | 4 500 | 49.0 | 75.6 | 5 100 | 51.8 | 72.8 | 5 600* | | 80.0 | | |
| 84.0 | 42.4 | 72.0 | 3 700 | 45.8 | 71.1 | 4 200 | 48.4 | 68.0 | 4 600 | | 84.0 | | |
| 88.0 | 38.9 | 66.9 | 2 900 | 42.3 | 66.0 | 3 400 | 44.8 | 62.7 | 3 800 | | 88.0 | | |
| 92.0 | 35.2 | 61.2 | 2 300 | 38.5 | 60.1 | 2 700 | | | | | 92.0 | | |
| 96.0 | | | | 34.2 | 53.3 | 1 900 | | | | | 96.0 | | |