

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE JIB CAPACITIES

### M-1200

**JIB NO. 75 WITH 82'6" STRUT ON  
BOOM NO. 72 OR NO. 72A WITH 1,433 TON BOOM POINT  
MAST NO. 75 OR NO. 75A  
60' RINGER ATTACHMENT ON SCREW JACK PEDESTALS  
52,000 LB. CRANE COUNTERWEIGHT  
2,017,600 LB. AUXILIARY COUNTERWEIGHT  
360 DEGREE RATING**

CAPACITIES FOR VARIOUS BOOM LENGTHS, JIB LENGTHS AND JIB OPERATING RADII ARE FOR FREELY SUSPENDED LOADS AND DO NOT EXCEED 75% OF A STATIC TIPPING LOAD. CAPACITIES BASED ON STRUCTURAL COMPETENCE ARE DENOTED BY AN ASTERISK (\*).

WEIGHT OF ALL LOAD BLOCKS, HOOKS, SLINGS, HOIST LINES, ETC., BENEATH JIB POINT SHEAVES, IS CONSIDERED PART OF JIB LOAD. 138,000 LB. MAIN BOOM LOAD (WEIGHT OF LOWER BOOM POINT HANGER FRAME, ALL LOAD BLOCKS, HOOKS, SLINGS, HOIST LINES, ETC. BENEATH MAIN BOOM POINT SHEAVES) AND 13,500 LB. UPPER BOOM POINT LOAD (WEIGHT OF ALL LOAD BLOCKS, HOOKS, WEIGHT BALLS, SLINGS, HOIST LINES, ETC. BENEATH UPPER BOOM POINT SHEAVES) HAVE BEEN INCLUDED IN CAPACITY DETERMINATION. DO NOT USE THIS CHART IF TOTAL MAIN BOOM LOAD EXCEEDS 138,000 LBS. OR UPPER BOOM POINT LOAD EXCEEDS 13,500 LBS. BOOM AND JIB ARE NOT TO BE LOWERED BEYOND RADII 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 ROLLER PATH LEVEL WITHIN A TOLERANCE OF 1-1/4" IN 60' AND PROPERLY SUPPORTED. REFER TO BOOM RIGGING NO. 173399, NO. 175673 OR NO. 175955, JIB ASSEMBLY NO. 173400 OR NO. 176116 AND WIRE ROPE SPECIFICATION CHART NO. 7683-F. 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 IN WINDS UP TO 30 MPH PROVIDED CRANE OPERATOR JUDGMENT IS USED TO ALLOW FOR WIND EFFECT ON THE LIFTED LOAD AND OTHER CONSIDERATIONS NOTED ON 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 75 DEGREE BOOM ANGLE WHEN WIND EXCEEDS 30 MPH. LOWER BOOM AND JIB TO GROUND WHEN WIND IS ABOVE 50 MPH.

OPERATING RADIUS IS HORIZONTAL DISTANCE FROM AXIS OF ROTATION TO CENTER OF VERTICAL HOIST LINE OR LOAD BLOCK. BOOM ANGLE IS 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 60' RINGER ATTACHMENT, 30'9" CRAWLERS, 48" TREADS, 28' RETRACTABLE GANTRY, 150' NO. 75 MAST WITH 32 PART BOOM HOIST REEVING OR NO. 75A MAST WITH 36 PART BOOM HOIST REEVING, STRAP BOOM PENDANTS, STRAP JIB PENDANTS AND BACKSTAYS, 52,000 LB. CRANE COUNTERWEIGHT AND 2,017,600 LB. AUXILIARY COUNTERWEIGHT.

| MAXIMUM BOOM AND JIB LENGTHS<br>LIFTED UNASSISTED |            |
|---------------------------------------------------|------------|
| BOOM LGTH.                                        | JIB NO. 75 |
| 253'                                              | 150'       |
| 228'                                              | 200'       |
| 203'                                              | 225'       |
| LOAD BLOCKS ON GROUND AT START.                   |            |

UPPER BOOM POINT CANNOT BE USED ON BOOM NO. 72.

**WARNING:** CHECK AMOUNT OF AUXILIARY COUNTERWEIGHT ON MACHINE BEFORE USE OF THIS CHART.

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60' RINGER ATTACHMENT ON SCREW JACK PEDESTALS  
52,000 LB. CRANE COUNTERWEIGHT  
2,017,600 LB. AUXILIARY COUNTERWEIGHT  
360 DEGREE RATING

### 100 FOOT JIB

| BOOM<br>LGTH.<br>FEET | JIB<br>OPER.<br>RAD.<br>FEET | 8 DEGREE OFFSET      |                               |                           | 20 DEGREE OFFSET     |                               |                           | JIB<br>OPER.<br>RAD.<br>FEET |
|-----------------------|------------------------------|----------------------|-------------------------------|---------------------------|----------------------|-------------------------------|---------------------------|------------------------------|
|                       |                              | BOOM<br>ANG.<br>DEG. | JIB<br>POINT<br>ELEV.<br>FEET | JIB<br>CAPACITY<br>POUNDS | BOOM<br>ANG.<br>DEG. | JIB<br>POINT<br>ELEV.<br>FEET | JIB<br>CAPACITY<br>POUNDS |                              |
| 203                   | 75                           | 85.3                 | 315.2                         | 1,721,900*                |                      |                               |                           | 75                           |
|                       | 80                           | 84.3                 | 314.3                         | 1,610,200*                |                      |                               |                           | 80                           |
|                       | 85                           | 83.4                 | 313.4                         | 1,511,600*                |                      |                               |                           | 85                           |
|                       | 90                           | 82.4                 | 312.5                         | 1,423,900*                |                      |                               |                           | 90                           |
|                       | 95                           | 81.5                 | 311.4                         | 1,345,300*                | 85.1                 | 307.8                         | 797,100*                  | 95                           |
|                       | 100                          | 80.5                 | 310.2                         | 1,246,400                 | 84.2                 | 306.6                         | 767,300*                  | 100                          |
|                       | 105                          | 79.6                 | 309.0                         | 1,149,900                 | 83.2                 | 305.3                         | 739,500*                  | 105                          |
|                       | 110                          | 78.6                 | 307.6                         | 1,065,100                 | 82.2                 | 304.0                         | 713,500*                  | 110                          |
|                       | 115                          | 77.6                 | 306.2                         | 989,900                   | 81.2                 | 302.5                         | 689,100*                  | 115                          |
|                       | 120                          | 76.7                 | 304.7                         | 922,800                   | 80.2                 | 301.0                         | 666,300*                  | 120                          |
|                       | 125                          | 75.7                 | 303.1                         | 862,500                   | 79.3                 | 299.4                         | 644,900*                  | 125                          |
|                       | 130                          | 74.7                 | 301.4                         | 808,100                   | 78.3                 | 297.6                         | 624,700*                  | 130                          |
|                       | 135                          | 73.7                 | 299.6                         | 758,700                   | 77.2                 | 295.8                         | 605,700*                  | 135                          |
|                       | 140                          | 72.7                 | 297.7                         | 713,700                   | 76.2                 | 293.9                         | 587,700*                  | 140                          |
|                       | 145                          | 71.7                 | 295.7                         | 672,400                   | 75.2                 | 291.8                         | 570,700*                  | 145                          |
|                       | 150                          | 70.7                 | 293.5                         | 634,500                   | 74.2                 | 289.7                         | 554,500*                  | 150                          |
|                       | 155                          | 69.7                 | 291.3                         | 599,600                   | 73.2                 | 287.5                         | 539,300*                  | 155                          |
|                       | 160                          | 68.6                 | 289.0                         | 567,200                   | 72.1                 | 285.1                         | 524,700*                  | 160                          |
|                       | 165                          | 67.6                 | 286.6                         | 537,200                   | 71.1                 | 282.6                         | 510,900*                  | 165                          |
|                       | 170                          | 66.6                 | 284.0                         | 509,300                   | 70.0                 | 280.0                         | 497,800*                  | 170                          |
|                       | 175                          | 65.5                 | 281.4                         | 483,200                   | 68.9                 | 277.3                         | 485,300*                  | 175                          |
|                       | 180                          | 64.4                 | 278.6                         | 458,900                   | 67.9                 | 274.5                         | 473,300*                  | 180                          |
|                       | 185                          | 63.4                 | 275.7                         | 436,000                   | 66.8                 | 271.6                         | 456,400                   | 185                          |
|                       | 190                          | 62.3                 | 272.6                         | 414,600                   | 65.6                 | 268.5                         | 434,000                   | 190                          |
|                       | 195                          | 61.2                 | 269.5                         | 394,300                   | 64.5                 | 265.3                         | 413,000                   | 195                          |
|                       | 200                          | 60.0                 | 266.2                         | 375,300                   | 63.4                 | 261.9                         | 393,100                   | 200                          |
|                       | 210                          | 57.8                 | 259.1                         | 340,200                   | 61.1                 | 254.7                         | 356,400                   | 210                          |
|                       | 220                          | 55.4                 | 251.5                         | 308,700                   | 58.7                 | 246.9                         | 323,500                   | 220                          |
|                       | 230                          | 53.0                 | 243.1                         | 280,300                   | 56.2                 | 238.4                         | 293,700                   | 230                          |
|                       | 240                          | 50.5                 | 234.0                         | 253,100*                  | 53.6                 | 229.1                         | 266,500                   | 240                          |
|                       | 250                          | 47.8                 | 224.0                         | 220,000*                  | 50.9                 | 218.9                         | 241,600                   | 250                          |
|                       | 260                          | 45.1                 | 213.1                         | 209,000*                  | 48.1                 | 207.7                         | 218,600                   | 260                          |
|                       | 270                          | 42.1                 | 201.0                         | 182,600*                  | 45.1                 | 195.2                         | 197,400                   | 270                          |
|                       | 280                          | 39.0                 | 187.4                         | 153,000*                  | 41.8                 | 181.2                         | 177,600                   | 280                          |
|                       | 290                          | 35.6                 | 172.2                         | 124,400*                  | 38.3                 | 165.3                         | 159,100                   | 290                          |
|                       | 300                          |                      |                               |                           | 34.3                 | 146.9                         | 131,200*                  | 300                          |
|                       | 310                          |                      |                               |                           | 29.7                 | 124.6                         | 102,700*                  | 310                          |

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52,000 LB. CRANE COUNTERWEIGHT  
2,017,600 LB. AUXILIARY COUNTERWEIGHT  
360 DEGREE RATING

### 100 FOOT JIB

| BOOM<br>LGTH.<br>FEET | JIB<br>OPER.<br>RAD.<br>FEET | 8 DEGREE OFFSET      |                               |                           | 20 DEGREE OFFSET     |                               |                           | JIB<br>OPER.<br>RAD.<br>FEET |
|-----------------------|------------------------------|----------------------|-------------------------------|---------------------------|----------------------|-------------------------------|---------------------------|------------------------------|
|                       |                              | BOOM<br>ANG.<br>DEG. | JIB<br>POINT<br>ELEV.<br>FEET | JIB<br>CAPACITY<br>POUNDS | BOOM<br>ANG.<br>DEG. | JIB<br>POINT<br>ELEV.<br>FEET | JIB<br>CAPACITY<br>POUNDS |                              |
| 2<br>2<br>8           | 75                           | 85.6                 | 340.4                         | 1,744,600*                |                      |                               |                           | 75                           |
|                       | 80                           | 84.8                 | 339.6                         | 1,713,400*                |                      |                               |                           | 80                           |
|                       | 85                           | 83.9                 | 338.8                         | 1,613,800*                |                      |                               |                           | 85                           |
|                       | 90                           | 83.0                 | 337.9                         | 1,478,100                 |                      |                               |                           | 90                           |
|                       | 95                           | 82.1                 | 336.9                         | 1,349,300                 | 85.5                 | 333.1                         | 846,600*                  | 95                           |
|                       | 100                          | 81.3                 | 335.8                         | 1,238,200                 | 84.6                 | 332.1                         | 816,800*                  | 100                          |
|                       | 105                          | 80.4                 | 334.7                         | 1,141,300                 | 83.7                 | 330.9                         | 788,900*                  | 105                          |
|                       | 110                          | 79.5                 | 333.4                         | 1,056,200                 | 82.8                 | 329.6                         | 762,700*                  | 110                          |
|                       | 115                          | 78.6                 | 332.1                         | 980,700                   | 81.9                 | 328.3                         | 738,200*                  | 115                          |
|                       | 120                          | 77.7                 | 330.7                         | 913,300                   | 81.0                 | 326.9                         | 715,000*                  | 120                          |
|                       | 125                          | 76.8                 | 329.3                         | 852,800                   | 80.1                 | 325.4                         | 693,300*                  | 125                          |
|                       | 130                          | 75.9                 | 327.7                         | 798,200                   | 79.2                 | 323.8                         | 672,700*                  | 130                          |
|                       | 135                          | 75.0                 | 326.0                         | 748,600                   | 78.3                 | 322.1                         | 653,200*                  | 135                          |
|                       | 140                          | 74.1                 | 324.3                         | 703,400                   | 77.3                 | 320.4                         | 634,800*                  | 140                          |
|                       | 145                          | 73.1                 | 322.5                         | 662,000                   | 76.4                 | 318.5                         | 617,400*                  | 145                          |
|                       | 150                          | 72.2                 | 320.5                         | 624,000                   | 75.5                 | 316.6                         | 600,800*                  | 150                          |
|                       | 155                          | 71.3                 | 318.5                         | 588,900                   | 74.5                 | 314.5                         | 585,000*                  | 155                          |
|                       | 160                          | 70.4                 | 316.4                         | 556,500                   | 73.6                 | 312.4                         | 570,000*                  | 160                          |
|                       | 165                          | 69.4                 | 314.2                         | 526,400                   | 72.6                 | 310.1                         | 553,200                   | 165                          |
|                       | 170                          | 68.5                 | 311.9                         | 498,300                   | 71.7                 | 307.8                         | 524,000                   | 170                          |
|                       | 175                          | 67.5                 | 309.5                         | 472,200                   | 70.7                 | 305.3                         | 496,700                   | 175                          |
|                       | 180                          | 66.5                 | 306.9                         | 447,700                   | 69.7                 | 302.8                         | 471,200                   | 180                          |
|                       | 185                          | 65.6                 | 304.3                         | 424,800                   | 68.7                 | 300.1                         | 447,300                   | 185                          |
|                       | 190                          | 64.6                 | 301.6                         | 403,300                   | 67.7                 | 297.3                         | 424,800                   | 190                          |
|                       | 195                          | 63.6                 | 298.7                         | 383,000                   | 66.7                 | 294.5                         | 403,600                   | 195                          |
|                       | 200                          | 62.6                 | 295.8                         | 363,900                   | 65.7                 | 291.5                         | 383,600                   | 200                          |
|                       | 210                          | 60.6                 | 289.5                         | 328,800                   | 63.6                 | 285.1                         | 346,800                   | 210                          |
|                       | 220                          | 58.5                 | 282.7                         | 297,200                   | 61.5                 | 278.1                         | 313,800                   | 220                          |
|                       | 230                          | 56.3                 | 275.3                         | 268,700                   | 59.3                 | 270.6                         | 283,900                   | 230                          |
|                       | 240                          | 54.1                 | 267.3                         | 226,700*                  | 57.1                 | 262.5                         | 256,700                   | 240                          |
|                       | 250                          | 51.8                 | 258.7                         | 219,100*                  | 54.8                 | 253.7                         | 231,800                   | 250                          |
|                       | 260                          | 49.5                 | 249.4                         | 192,400*                  | 52.4                 | 244.2                         | 208,900                   | 260                          |
|                       | 270                          | 47.0                 | 239.2                         | 164,800*                  | 49.8                 | 233.8                         | 187,700                   | 270                          |
|                       | 280                          | 44.4                 | 228.1                         | 158,800*                  | 47.2                 | 222.4                         | 168,100                   | 280                          |
|                       | 290                          | 41.7                 | 215.9                         | 135,600*                  | 44.4                 | 209.8                         | 149,800                   | 290                          |
|                       | 300                          | 38.8                 | 202.4                         | 110,200*                  | 41.4                 | 195.9                         | 132,700                   | 300                          |
|                       | 310                          |                      |                               |                           | 38.2                 | 180.2                         | 115,100*                  | 310                          |

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60' RINGER ATTACHMENT ON SCREW JACK PEDESTALS  
52,000 LB. CRANE COUNTERWEIGHT  
2,017,600 LB. AUXILIARY COUNTERWEIGHT  
360 DEGREE RATING

### 100 FOOT JIB

| BOOM<br>LGTH.<br>FEET | JIB<br>OPER.<br>RAD.<br>FEET | 8 DEGREE OFFSET      |                               |                           | 20 DEGREE OFFSET     |                               |                           | JIB<br>OPER.<br>RAD.<br>FEET |
|-----------------------|------------------------------|----------------------|-------------------------------|---------------------------|----------------------|-------------------------------|---------------------------|------------------------------|
|                       |                              | BOOM<br>ANG.<br>DEG. | JIB<br>POINT<br>ELEV.<br>FEET | JIB<br>CAPACITY<br>POUNDS | BOOM<br>ANG.<br>DEG. | JIB<br>POINT<br>ELEV.<br>FEET | JIB<br>CAPACITY<br>POUNDS |                              |
| 2<br>5<br>3           | 75                           | 85.9                 | 365.6                         | 1,671,700*                |                      |                               |                           | 75                           |
|                       | 80                           | 85.1                 | 364.9                         | 1,649,500*                |                      |                               |                           | 80                           |
|                       | 85                           | 84.3                 | 364.1                         | 1,623,000                 |                      |                               |                           | 85                           |
|                       | 90                           | 83.5                 | 363.2                         | 1,471,300                 |                      |                               |                           | 90                           |
|                       | 95                           | 82.7                 | 362.3                         | 1,342,000                 | 85.8                 | 358.4                         | 874,700*                  | 95                           |
|                       | 100                          | 81.9                 | 361.3                         | 1,230,400                 | 85.0                 | 357.4                         | 846,300*                  | 100                          |
|                       | 105                          | 81.1                 | 360.3                         | 1,133,200                 | 84.2                 | 356.4                         | 819,600*                  | 105                          |
|                       | 110                          | 80.2                 | 359.1                         | 1,047,700                 | 83.3                 | 355.2                         | 794,600*                  | 110                          |
|                       | 115                          | 79.4                 | 357.9                         | 971,900                   | 82.5                 | 354.0                         | 771,000*                  | 115                          |
|                       | 120                          | 78.6                 | 356.6                         | 904,300                   | 81.7                 | 352.7                         | 748,800*                  | 120                          |
|                       | 125                          | 77.7                 | 355.3                         | 843,600                   | 80.8                 | 351.3                         | 727,700*                  | 125                          |
|                       | 130                          | 76.9                 | 353.8                         | 788,800                   | 80.0                 | 349.8                         | 707,800*                  | 130                          |
|                       | 135                          | 76.1                 | 352.3                         | 739,000                   | 79.1                 | 348.3                         | 689,000*                  | 135                          |
|                       | 140                          | 75.2                 | 350.7                         | 693,600                   | 78.3                 | 346.6                         | 671,100*                  | 140                          |
|                       | 145                          | 74.4                 | 349.0                         | 652,100                   | 77.4                 | 344.9                         | 654,100*                  | 145                          |
|                       | 150                          | 73.5                 | 347.2                         | 613,900                   | 76.6                 | 343.1                         | 637,900*                  | 150                          |
|                       | 155                          | 72.7                 | 345.3                         | 578,700                   | 75.7                 | 341.3                         | 610,500                   | 155                          |
|                       | 160                          | 71.8                 | 343.4                         | 546,200                   | 74.8                 | 339.3                         | 576,500                   | 160                          |
|                       | 165                          | 70.9                 | 341.4                         | 515,900                   | 74.0                 | 337.2                         | 544,900                   | 165                          |
|                       | 170                          | 70.1                 | 339.3                         | 487,800                   | 73.1                 | 335.1                         | 515,500                   | 170                          |
|                       | 175                          | 69.2                 | 337.0                         | 461,600                   | 72.2                 | 332.8                         | 488,100                   | 175                          |
|                       | 180                          | 68.3                 | 334.7                         | 437,000                   | 71.3                 | 330.5                         | 462,500                   | 180                          |
|                       | 185                          | 67.4                 | 332.3                         | 414,000                   | 70.4                 | 328.1                         | 438,400                   | 185                          |
|                       | 190                          | 66.5                 | 329.8                         | 392,400                   | 69.5                 | 325.6                         | 415,800                   | 190                          |
|                       | 195                          | 65.6                 | 327.3                         | 372,100                   | 68.6                 | 322.9                         | 394,500                   | 195                          |
|                       | 200                          | 64.7                 | 324.6                         | 352,900                   | 67.6                 | 320.2                         | 374,500                   | 200                          |
|                       | 210                          | 62.9                 | 318.9                         | 317,700                   | 65.8                 | 314.4                         | 337,500                   | 210                          |
|                       | 220                          | 61.0                 | 312.7                         | 286,000                   | 63.9                 | 308.2                         | 304,300                   | 220                          |
|                       | 230                          | 59.1                 | 306.1                         | 257,400                   | 61.9                 | 301.5                         | 274,300                   | 230                          |
|                       | 240                          | 57.1                 | 299.0                         | 231,500                   | 59.9                 | 294.2                         | 247,000                   | 240                          |
|                       | 250                          | 55.1                 | 291.4                         | 207,700                   | 57.8                 | 286.5                         | 222,100                   | 250                          |
|                       | 260                          | 53.0                 | 283.1                         | 186,000                   | 55.7                 | 278.1                         | 199,200                   | 260                          |
|                       | 270                          | 50.9                 | 274.3                         | 160,000*                  | 53.5                 | 269.0                         | 178,000                   | 270                          |
|                       | 280                          | 48.6                 | 264.7                         | 135,700*                  | 51.3                 | 259.3                         | 158,500                   | 280                          |
|                       | 290                          | 46.3                 | 254.3                         | 112,500*                  | 48.9                 | 248.7                         | 140,300                   | 290                          |
|                       | 300                          |                      |                               |                           | 46.4                 | 237.1                         | 123,300                   | 300                          |
|                       | 310                          |                      |                               |                           | 43.8                 | 224.5                         | 107,300                   | 310                          |

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60' RINGER ATTACHMENT ON SCREW JACK PEDESTALS  
52,000 LB. CRANE COUNTERWEIGHT  
2,017,600 LB. AUXILIARY COUNTERWEIGHT  
360 DEGREE RATING

### 125 FOOT JIB

| BOOM<br>LGTH.<br>FEET | JIB<br>OPER.<br>RAD.<br>FEET | 8 DEGREE OFFSET      |                               |                           | 20 DEGREE OFFSET     |                               |                           | JIB<br>OPER.<br>RAD.<br>FEET |
|-----------------------|------------------------------|----------------------|-------------------------------|---------------------------|----------------------|-------------------------------|---------------------------|------------------------------|
|                       |                              | BOOM<br>ANG.<br>DEG. | JIB<br>POINT<br>ELEV.<br>FEET | JIB<br>CAPACITY<br>POUNDS | BOOM<br>ANG.<br>DEG. | JIB<br>POINT<br>ELEV.<br>FEET | JIB<br>CAPACITY<br>POUNDS |                              |
| <b>2<br/>0<br/>3</b>  | 80                           | 85.2                 | 339.7                         | 1,582,100*                |                      |                               |                           | 80                           |
|                       | 85                           | 84.4                 | 338.9                         | 1,482,800*                |                      |                               |                           | 85                           |
|                       | 90                           | 83.5                 | 338.0                         | 1,394,900*                |                      |                               |                           | 90                           |
|                       | 95                           | 82.6                 | 337.0                         | 1,316,300*                |                      |                               |                           | 95                           |
|                       | 100                          | 81.7                 | 335.9                         | 1,245,800*                |                      |                               |                           | 100                          |
|                       | 105                          | 80.8                 | 334.8                         | 1,160,300                 | 85.2                 | 330.6                         | 706,400*                  | 105                          |
|                       | 110                          | 80.0                 | 333.5                         | 1,075,200                 | 84.3                 | 329.3                         | 680,800*                  | 110                          |
|                       | 115                          | 79.1                 | 332.2                         | 999,800                   | 83.4                 | 328.0                         | 656,900*                  | 115                          |
|                       | 120                          | 78.2                 | 330.8                         | 932,500                   | 82.5                 | 326.6                         | 634,500*                  | 120                          |
|                       | 125                          | 77.3                 | 329.3                         | 872,100                   | 81.6                 | 325.1                         | 613,400*                  | 125                          |
|                       | 130                          | 76.4                 | 327.8                         | 817,600                   | 80.7                 | 323.5                         | 593,500*                  | 130                          |
|                       | 135                          | 75.5                 | 326.1                         | 768,000                   | 79.8                 | 321.8                         | 574,800*                  | 135                          |
|                       | 140                          | 74.6                 | 324.4                         | 722,900                   | 78.9                 | 320.0                         | 557,200*                  | 140                          |
|                       | 145                          | 73.6                 | 322.5                         | 681,600                   | 77.9                 | 318.2                         | 540,500*                  | 145                          |
|                       | 150                          | 72.7                 | 320.6                         | 643,600                   | 77.0                 | 316.2                         | 524,600*                  | 150                          |
|                       | 155                          | 71.8                 | 318.6                         | 608,600                   | 76.0                 | 314.2                         | 509,600*                  | 155                          |
|                       | 160                          | 70.8                 | 316.5                         | 576,100                   | 75.1                 | 312.0                         | 495,400*                  | 160                          |
|                       | 165                          | 69.9                 | 314.3                         | 546,100                   | 74.1                 | 309.8                         | 481,800*                  | 165                          |
|                       | 170                          | 69.0                 | 311.9                         | 518,100                   | 73.2                 | 307.4                         | 468,900*                  | 170                          |
|                       | 175                          | 68.0                 | 309.5                         | 492,000                   | 72.2                 | 305.0                         | 456,600*                  | 175                          |
|                       | 180                          | 67.0                 | 307.0                         | 467,600                   | 71.2                 | 302.4                         | 444,900*                  | 180                          |
|                       | 185                          | 66.1                 | 304.4                         | 444,700                   | 70.2                 | 299.8                         | 433,700*                  | 185                          |
|                       | 190                          | 65.1                 | 301.7                         | 423,200                   | 69.2                 | 297.0                         | 423,000*                  | 190                          |
|                       | 195                          | 64.1                 | 298.8                         | 403,000                   | 68.2                 | 294.1                         | 412,700*                  | 195                          |
|                       | 200                          | 63.1                 | 295.8                         | 383,900                   | 67.2                 | 291.1                         | 402,900*                  | 200                          |
|                       | 210                          | 61.0                 | 289.6                         | 348,800                   | 65.1                 | 284.7                         | 370,300                   | 210                          |
|                       | 220                          | 59.0                 | 282.8                         | 317,300                   | 63.0                 | 277.7                         | 337,100                   | 220                          |
|                       | 230                          | 56.8                 | 275.4                         | 279,400*                  | 60.8                 | 270.2                         | 307,100                   | 230                          |
|                       | 240                          | 54.6                 | 267.4                         | 263,000*                  | 58.6                 | 262.1                         | 279,800                   | 240                          |
|                       | 250                          | 52.3                 | 258.8                         | 239,400*                  | 56.3                 | 253.3                         | 254,800                   | 250                          |
|                       | 260                          | 50.0                 | 249.5                         | 210,600*                  | 53.8                 | 243.7                         | 231,800                   | 260                          |
|                       | 270                          | 47.5                 | 239.3                         | 182,600*                  | 51.3                 | 233.3                         | 210,600                   | 270                          |
|                       | 280                          | 44.9                 | 228.2                         | 178,600*                  | 48.7                 | 221.9                         | 190,900                   | 280                          |
|                       | 290                          | 42.2                 | 216.0                         | 152,300*                  | 45.9                 | 209.3                         | 172,500                   | 290                          |
|                       | 300                          | 39.3                 | 202.5                         | 126,900*                  | 42.9                 | 195.3                         | 155,300                   | 300                          |
|                       | 310                          | 36.2                 | 187.4                         | 102,200*                  | 39.6                 | 179.6                         | 138,600*                  | 310                          |
|                       | 320                          |                      |                               |                           | 36.0                 | 161.5                         | 113,900*                  | 320                          |

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE JIB CAPACITIES

M-1200

JIB NO. 75 WITH 82'6" STRUT ON  
BOOM NO. 72 OR NO. 72A WITH 1,433 TON BOOM POINT  
MAST NO. 75 OR NO. 75A  
60' RINGER ATTACHMENT ON SCREW JACK PEDESTALS  
52,000 LB. CRANE COUNTERWEIGHT  
2,017,600 LB. AUXILIARY COUNTERWEIGHT  
360 DEGREE RATING

### 125 FOOT JIB

| BOOM<br>LGTH.<br>FEET | JIB<br>OPER.<br>RAD.<br>FEET | 8 DEGREE OFFSET      |                               |                           | 20 DEGREE OFFSET     |                               |                           | JIB<br>OPER.<br>RAD.<br>FEET |
|-----------------------|------------------------------|----------------------|-------------------------------|---------------------------|----------------------|-------------------------------|---------------------------|------------------------------|
|                       |                              | BOOM<br>ANG.<br>DEG. | JIB<br>POINT<br>ELEV.<br>FEET | JIB<br>CAPACITY<br>POUNDS | BOOM<br>ANG.<br>DEG. | JIB<br>POINT<br>ELEV.<br>FEET | JIB<br>CAPACITY<br>POUNDS |                              |
| 2<br>2<br>8           | 80                           | 85.6                 | 364.9                         | 1,601,900*                |                      |                               |                           | 80                           |
|                       | 85                           | 84.8                 | 364.1                         | 1,544,700*                |                      |                               |                           | 85                           |
|                       | 90                           | 84.0                 | 363.3                         | 1,456,100*                |                      |                               |                           | 90                           |
|                       | 95                           | 83.1                 | 362.4                         | 1,360,500                 |                      |                               |                           | 95                           |
|                       | 100                          | 82.3                 | 361.4                         | 1,249,000                 |                      |                               |                           | 100                          |
|                       | 105                          | 81.5                 | 360.3                         | 1,151,800                 | 85.6                 | 355.9                         | 743,200*                  | 105                          |
|                       | 110                          | 80.7                 | 359.2                         | 1,066,400                 | 84.7                 | 354.8                         | 718,400*                  | 110                          |
|                       | 115                          | 79.9                 | 358.0                         | 990,700                   | 83.9                 | 353.6                         | 695,100*                  | 115                          |
|                       | 120                          | 79.0                 | 356.7                         | 923,100                   | 83.1                 | 352.3                         | 673,200*                  | 120                          |
|                       | 125                          | 78.2                 | 355.3                         | 862,500                   | 82.2                 | 350.9                         | 652,600*                  | 125                          |
|                       | 130                          | 77.4                 | 353.9                         | 807,700                   | 81.4                 | 349.4                         | 633,200*                  | 130                          |
|                       | 135                          | 76.5                 | 352.3                         | 758,000                   | 80.5                 | 347.8                         | 614,800*                  | 135                          |
|                       | 140                          | 75.7                 | 350.7                         | 712,700                   | 79.7                 | 346.2                         | 597,400*                  | 140                          |
|                       | 145                          | 74.8                 | 349.0                         | 671,200                   | 78.8                 | 344.5                         | 580,900*                  | 145                          |
|                       | 150                          | 74.0                 | 347.3                         | 633,000                   | 78.0                 | 342.7                         | 565,300*                  | 150                          |
|                       | 155                          | 73.1                 | 345.4                         | 597,900                   | 77.1                 | 340.8                         | 550,500*                  | 155                          |
|                       | 160                          | 72.3                 | 343.5                         | 565,300                   | 76.2                 | 338.9                         | 536,300*                  | 160                          |
|                       | 165                          | 71.4                 | 341.4                         | 535,100                   | 75.3                 | 336.8                         | 522,900*                  | 165                          |
|                       | 170                          | 70.5                 | 339.3                         | 507,100                   | 74.5                 | 334.6                         | 510,000*                  | 170                          |
|                       | 175                          | 69.7                 | 337.1                         | 480,900                   | 73.6                 | 332.4                         | 497,800*                  | 175                          |
|                       | 180                          | 68.8                 | 334.8                         | 456,300                   | 72.7                 | 330.1                         | 486,100*                  | 180                          |
|                       | 185                          | 67.9                 | 332.4                         | 433,400                   | 71.8                 | 327.6                         | 462,200                   | 185                          |
|                       | 190                          | 67.0                 | 329.9                         | 411,800                   | 70.9                 | 325.1                         | 439,500                   | 190                          |
|                       | 195                          | 66.1                 | 327.3                         | 391,500                   | 69.9                 | 322.5                         | 418,200                   | 195                          |
|                       | 200                          | 65.2                 | 324.6                         | 372,400                   | 69.0                 | 319.7                         | 398,000                   | 200                          |
|                       | 210                          | 63.3                 | 318.9                         | 337,200                   | 67.1                 | 313.9                         | 360,900                   | 210                          |
|                       | 220                          | 61.4                 | 312.8                         | 305,600                   | 65.2                 | 307.7                         | 327,500                   | 220                          |
|                       | 230                          | 59.5                 | 306.2                         | 277,000                   | 63.3                 | 301.0                         | 297,400                   | 230                          |
|                       | 240                          | 57.6                 | 299.1                         | 251,100                   | 61.3                 | 293.7                         | 270,000                   | 240                          |
|                       | 250                          | 55.5                 | 291.4                         | 227,500                   | 59.2                 | 285.9                         | 244,900                   | 250                          |
|                       | 260                          | 53.5                 | 283.2                         | 185,000*                  | 57.1                 | 277.5                         | 221,900                   | 260                          |
|                       | 270                          | 51.3                 | 274.3                         | 182,300*                  | 54.9                 | 268.5                         | 200,700                   | 270                          |
|                       | 280                          | 49.1                 | 264.8                         | 157,300*                  | 52.6                 | 258.7                         | 181,000                   | 280                          |
|                       | 290                          | 46.8                 | 254.4                         | 133,600*                  | 50.3                 | 248.1                         | 162,700                   | 290                          |
|                       | 300                          | 44.4                 | 243.2                         | 132,400*                  | 47.8                 | 236.5                         | 145,600                   | 300                          |
|                       | 310                          | 41.8                 | 230.9                         | 109,800*                  | 45.2                 | 223.8                         | 129,600                   | 310                          |
|                       | 320                          |                      |                               |                           | 42.4                 | 209.9                         | 114,400                   | 320                          |

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE JIB CAPACITIES

**M-1200**

JIB NO. 75 WITH 82'6" STRUT ON  
BOOM NO. 72 OR NO. 72A WITH 1,433 TON BOOM POINT  
MAST NO. 75 OR NO. 75A  
60' RINGER ATTACHMENT ON SCREW JACK PEDESTALS  
52,000 LB. CRANE COUNTERWEIGHT  
2,017,600 LB. AUXILIARY COUNTERWEIGHT  
360 DEGREE RATING

### 125 FOOT JIB

| BOOM<br>LGTH.<br>FEET | JIB<br>OPER.<br>RAD.<br>FEET | 8 DEGREE OFFSET      |                               |                           | 20 DEGREE OFFSET     |                               |                           | JIB<br>OPER.<br>RAD.<br>FEET |
|-----------------------|------------------------------|----------------------|-------------------------------|---------------------------|----------------------|-------------------------------|---------------------------|------------------------------|
|                       |                              | BOOM<br>ANG.<br>DEG. | JIB<br>POINT<br>ELEV.<br>FEET | JIB<br>CAPACITY<br>POUNDS | BOOM<br>ANG.<br>DEG. | JIB<br>POINT<br>ELEV.<br>FEET | JIB<br>CAPACITY<br>POUNDS |                              |
| <b>2<br/>5<br/>3</b>  | 80                           | 85.9                 | 390.1                         | 1,552,800*                |                      |                               |                           | 80                           |
|                       | 85                           | 85.1                 | 389.4                         | 1,530,900*                |                      |                               |                           | 85                           |
|                       | 90                           | 84.4                 | 388.6                         | 1,483,300                 |                      |                               |                           | 90                           |
|                       | 95                           | 83.6                 | 387.8                         | 1,353,500                 |                      |                               |                           | 95                           |
|                       | 100                          | 82.8                 | 386.8                         | 1,241,500                 |                      |                               |                           | 100                          |
|                       | 105                          | 82.1                 | 385.8                         | 1,144,000                 | 85.9                 | 381.3                         | 754,400*                  | 105                          |
|                       | 110                          | 81.3                 | 384.8                         | 1,058,200                 | 85.1                 | 380.2                         | 730,600*                  | 110                          |
|                       | 115                          | 80.5                 | 383.6                         | 982,200                   | 84.3                 | 379.1                         | 708,100*                  | 115                          |
|                       | 120                          | 79.8                 | 382.4                         | 914,300                   | 83.5                 | 377.8                         | 687,000*                  | 120                          |
|                       | 125                          | 79.0                 | 381.2                         | 853,400                   | 82.8                 | 376.5                         | 667,000*                  | 125                          |
|                       | 130                          | 78.2                 | 379.8                         | 798,400                   | 82.0                 | 375.2                         | 648,100*                  | 130                          |
|                       | 135                          | 77.4                 | 378.4                         | 748,500                   | 81.2                 | 373.7                         | 630,200*                  | 135                          |
|                       | 140                          | 76.7                 | 376.9                         | 703,000                   | 80.4                 | 372.2                         | 613,200*                  | 140                          |
|                       | 145                          | 75.9                 | 375.3                         | 661,300                   | 79.6                 | 370.6                         | 597,000*                  | 145                          |
|                       | 150                          | 75.1                 | 373.7                         | 623,000                   | 78.8                 | 369.0                         | 581,700*                  | 150                          |
|                       | 155                          | 74.3                 | 372.0                         | 587,700                   | 78.0                 | 367.2                         | 567,000*                  | 155                          |
|                       | 160                          | 73.5                 | 370.2                         | 555,000                   | 77.2                 | 365.4                         | 553,100*                  | 160                          |
|                       | 165                          | 72.7                 | 368.3                         | 524,700                   | 76.4                 | 363.5                         | 539,800*                  | 165                          |
|                       | 170                          | 71.9                 | 366.3                         | 496,500                   | 75.6                 | 361.5                         | 527,100*                  | 170                          |
|                       | 175                          | 71.1                 | 364.3                         | 470,200                   | 74.7                 | 359.4                         | 504,100                   | 175                          |
|                       | 180                          | 70.3                 | 362.2                         | 445,600                   | 73.9                 | 357.3                         | 478,100                   | 180                          |
|                       | 185                          | 69.4                 | 360.0                         | 422,600                   | 73.1                 | 355.1                         | 453,800                   | 185                          |
|                       | 190                          | 68.6                 | 357.7                         | 400,900                   | 72.2                 | 352.7                         | 431,000                   | 190                          |
|                       | 195                          | 67.8                 | 355.3                         | 380,500                   | 71.4                 | 350.3                         | 409,500                   | 195                          |
|                       | 200                          | 66.9                 | 352.8                         | 361,300                   | 70.6                 | 347.8                         | 389,200                   | 200                          |
|                       | 210                          | 65.3                 | 347.6                         | 326,000                   | 68.8                 | 342.5                         | 351,900                   | 210                          |
|                       | 220                          | 63.5                 | 342.0                         | 294,300                   | 67.1                 | 336.8                         | 318,300                   | 220                          |
|                       | 230                          | 61.8                 | 336.0                         | 265,600                   | 65.3                 | 330.7                         | 288,000                   | 230                          |
|                       | 240                          | 60.0                 | 329.5                         | 239,600                   | 63.5                 | 324.1                         | 260,500                   | 240                          |
|                       | 250                          | 58.2                 | 322.6                         | 215,900                   | 61.7                 | 317.1                         | 235,300                   | 250                          |
|                       | 260                          | 56.3                 | 315.2                         | 194,200                   | 59.8                 | 309.6                         | 212,200                   | 260                          |
|                       | 270                          | 54.4                 | 307.3                         | 174,200                   | 57.8                 | 301.6                         | 190,900                   | 270                          |
|                       | 280                          | 52.4                 | 298.9                         | 127,800*                  | 55.8                 | 292.9                         | 171,200                   | 280                          |
|                       | 290                          | 50.4                 | 289.8                         | 127,700*                  | 53.7                 | 283.6                         | 152,900                   | 290                          |
|                       | 300                          | 48.3                 | 280.0                         | 106,600*                  | 51.6                 | 273.6                         | 135,800                   | 300                          |
|                       | 310                          |                      |                               |                           | 49.4                 | 262.9                         | 119,900                   | 310                          |
|                       | 320                          |                      |                               |                           | 47.0                 | 251.2                         | 104,900                   | 320                          |

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE JIB CAPACITIES

**M-1200**

JIB NO. 75 WITH 82'6" STRUT ON  
BOOM NO. 72 OR NO. 72A WITH 1,433 TON BOOM POINT  
MAST NO. 75 OR NO. 75A  
60' RINGER ATTACHMENT ON SCREW JACK PEDESTALS  
52,000 LB. CRANE COUNTERWEIGHT  
2,017,600 LB. AUXILIARY COUNTERWEIGHT  
360 DEGREE RATING

### 150 FOOT JIB

| BOOM<br>LGTH.<br>FEET | JIB<br>OPER.<br>RAD.<br>FEET | 8 DEGREE OFFSET      |                               |                           | 20 DEGREE OFFSET     |                               |                           | JIB<br>OPER.<br>RAD.<br>FEET |
|-----------------------|------------------------------|----------------------|-------------------------------|---------------------------|----------------------|-------------------------------|---------------------------|------------------------------|
|                       |                              | BOOM<br>ANG.<br>DEG. | JIB<br>POINT<br>ELEV.<br>FEET | JIB<br>CAPACITY<br>POUNDS | BOOM<br>ANG.<br>DEG. | JIB<br>POINT<br>ELEV.<br>FEET | JIB<br>CAPACITY<br>POUNDS |                              |
| 203                   | 85                           | 85.3                 | 364.2                         | 1,352,300*                |                      |                               |                           | 85                           |
|                       | 90                           | 84.5                 | 363.3                         | 1,270,100*                |                      |                               |                           | 90                           |
|                       | 95                           | 83.7                 | 362.4                         | 1,196,800*                |                      |                               |                           | 95                           |
|                       | 100                          | 82.9                 | 361.4                         | 1,131,000*                |                      |                               |                           | 100                          |
|                       | 105                          | 82.1                 | 360.3                         | 1,071,700*                |                      |                               |                           | 105                          |
|                       | 110                          | 81.2                 | 359.2                         | 1,017,800*                |                      |                               |                           | 110                          |
|                       | 115                          | 80.4                 | 358.0                         | 968,800*                  | 85.4                 | 353.3                         | 627,600*                  | 115                          |
|                       | 120                          | 79.6                 | 356.7                         | 923,900*                  | 84.5                 | 352.0                         | 605,600*                  | 120                          |
|                       | 125                          | 78.8                 | 355.3                         | 881,200                   | 83.7                 | 350.6                         | 585,000*                  | 125                          |
|                       | 130                          | 77.9                 | 353.9                         | 826,500                   | 82.8                 | 349.1                         | 565,600*                  | 130                          |
|                       | 135                          | 77.1                 | 352.4                         | 776,800                   | 82.0                 | 347.6                         | 547,300*                  | 135                          |
|                       | 140                          | 76.2                 | 350.7                         | 731,500                   | 81.1                 | 346.0                         | 530,100*                  | 140                          |
|                       | 145                          | 75.4                 | 349.1                         | 690,100                   | 80.3                 | 344.2                         | 513,700*                  | 145                          |
|                       | 150                          | 74.5                 | 347.3                         | 652,000                   | 79.4                 | 342.4                         | 498,300*                  | 150                          |
|                       | 155                          | 73.7                 | 345.4                         | 616,900                   | 78.5                 | 340.6                         | 483,600*                  | 155                          |
|                       | 160                          | 72.8                 | 343.5                         | 584,400                   | 77.7                 | 338.6                         | 469,700*                  | 160                          |
|                       | 165                          | 72.0                 | 341.4                         | 554,200                   | 76.8                 | 336.5                         | 456,400*                  | 165                          |
|                       | 170                          | 71.1                 | 339.3                         | 526,200                   | 75.9                 | 334.4                         | 443,800*                  | 170                          |
|                       | 175                          | 70.2                 | 337.1                         | 500,000                   | 75.0                 | 332.1                         | 431,800*                  | 175                          |
|                       | 180                          | 69.3                 | 334.8                         | 475,500                   | 74.1                 | 329.8                         | 420,300*                  | 180                          |
|                       | 185                          | 68.4                 | 332.4                         | 452,600                   | 73.2                 | 327.4                         | 409,400*                  | 185                          |
|                       | 190                          | 67.5                 | 329.9                         | 431,100                   | 72.3                 | 324.8                         | 398,900*                  | 190                          |
|                       | 195                          | 66.6                 | 327.3                         | 410,800                   | 71.4                 | 322.2                         | 388,900*                  | 195                          |
|                       | 200                          | 65.7                 | 324.6                         | 391,700                   | 70.5                 | 319.5                         | 379,300*                  | 200                          |
|                       | 210                          | 63.9                 | 318.9                         | 356,600                   | 68.6                 | 313.7                         | 361,200*                  | 210                          |
|                       | 220                          | 62.0                 | 312.8                         | 325,000                   | 66.7                 | 307.4                         | 344,600*                  | 220                          |
|                       | 230                          | 60.1                 | 306.2                         | 296,500                   | 64.7                 | 300.7                         | 318,400                   | 230                          |
|                       | 240                          | 58.1                 | 299.1                         | 270,700                   | 62.7                 | 293.4                         | 290,900                   | 240                          |
|                       | 250                          | 56.1                 | 291.4                         | 232,100*                  | 60.6                 | 285.6                         | 265,800                   | 250                          |
|                       | 260                          | 54.0                 | 283.2                         | 225,400*                  | 58.5                 | 277.2                         | 242,700                   | 260                          |
|                       | 270                          | 51.9                 | 274.4                         | 200,900*                  | 56.3                 | 268.2                         | 221,500                   | 270                          |
|                       | 280                          | 49.7                 | 264.8                         | 175,400*                  | 54.1                 | 258.3                         | 201,800                   | 280                          |
|                       | 290                          | 47.3                 | 254.4                         | 151,400*                  | 51.7                 | 247.7                         | 183,400                   | 290                          |
|                       | 300                          | 44.9                 | 243.2                         | 149,400*                  | 49.2                 | 236.1                         | 166,300                   | 300                          |
|                       | 310                          | 42.4                 | 230.9                         | 126,600*                  | 46.6                 | 223.4                         | 150,200                   | 310                          |
|                       | 320                          | 39.7                 | 217.4                         | 104,500*                  | 43.8                 | 209.4                         | 135,100                   | 320                          |
|                       | 330                          |                      |                               |                           | 40.8                 | 193.8                         | 119,000*                  | 330                          |

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE JIB CAPACITIES

**M-1200**

JIB NO. 75 WITH 82'6" STRUT ON  
BOOM NO. 72 OR NO. 72A WITH 1,433 TON BOOM POINT  
MAST NO. 75 OR NO. 75A  
60' RINGER ATTACHMENT ON SCREW JACK PEDESTALS  
52,000 LB. CRANE COUNTERWEIGHT  
2,017,600 LB. AUXILIARY COUNTERWEIGHT  
360 DEGREE RATING

### 150 FOOT JIB

| BOOM<br>LGTH.<br>FEET | JIB<br>OPER.<br>RAD.<br>FEET | 8 DEGREE OFFSET      |                               |                           | 20 DEGREE OFFSET     |                               |                           | JIB<br>OPER.<br>RAD.<br>FEET |
|-----------------------|------------------------------|----------------------|-------------------------------|---------------------------|----------------------|-------------------------------|---------------------------|------------------------------|
|                       |                              | BOOM<br>ANG.<br>DEG. | JIB<br>POINT<br>ELEV.<br>FEET | JIB<br>CAPACITY<br>POUNDS | BOOM<br>ANG.<br>DEG. | JIB<br>POINT<br>ELEV.<br>FEET | JIB<br>CAPACITY<br>POUNDS |                              |
| 228                   | 85                           | 85.6                 | 389.4                         | 1,438,000*                |                      |                               |                           | 85                           |
|                       | 90                           | 84.9                 | 388.6                         | 1,360,500*                |                      |                               |                           | 90                           |
|                       | 95                           | 84.1                 | 387.8                         | 1,284,700*                |                      |                               |                           | 95                           |
|                       | 100                          | 83.4                 | 386.8                         | 1,216,300*                |                      |                               |                           | 100                          |
|                       | 105                          | 82.6                 | 385.8                         | 1,154,500*                |                      |                               |                           | 105                          |
|                       | 110                          | 81.8                 | 384.8                         | 1,076,500                 |                      |                               |                           | 110                          |
|                       | 115                          | 81.1                 | 383.6                         | 1,000,500                 | 85.7                 | 378.7                         | 643,100*                  | 115                          |
|                       | 120                          | 80.3                 | 382.4                         | 932,700                   | 84.9                 | 377.5                         | 622,300*                  | 120                          |
|                       | 125                          | 79.5                 | 381.2                         | 871,900                   | 84.1                 | 376.2                         | 602,600*                  | 125                          |
|                       | 130                          | 78.7                 | 379.8                         | 816,900                   | 83.3                 | 374.8                         | 584,100*                  | 130                          |
|                       | 135                          | 78.0                 | 378.4                         | 767,000                   | 82.5                 | 373.4                         | 566,600*                  | 135                          |
|                       | 140                          | 77.2                 | 376.9                         | 721,500                   | 81.7                 | 371.9                         | 550,100*                  | 140                          |
|                       | 145                          | 76.4                 | 375.3                         | 679,900                   | 81.0                 | 370.3                         | 534,400*                  | 145                          |
|                       | 150                          | 75.6                 | 373.7                         | 641,700                   | 80.2                 | 368.6                         | 519,500*                  | 150                          |
|                       | 155                          | 74.8                 | 372.0                         | 606,400                   | 79.3                 | 366.9                         | 505,400*                  | 155                          |
|                       | 160                          | 74.0                 | 370.2                         | 573,800                   | 78.5                 | 365.1                         | 491,900*                  | 160                          |
|                       | 165                          | 73.2                 | 368.3                         | 543,500                   | 77.7                 | 363.1                         | 479,100*                  | 165                          |
|                       | 170                          | 72.4                 | 366.3                         | 515,300                   | 76.9                 | 361.2                         | 466,900*                  | 170                          |
|                       | 175                          | 71.6                 | 364.3                         | 489,000                   | 76.1                 | 359.1                         | 455,200*                  | 175                          |
|                       | 180                          | 70.8                 | 362.2                         | 464,500                   | 75.3                 | 356.9                         | 444,100*                  | 180                          |
|                       | 185                          | 70.0                 | 360.0                         | 441,400                   | 74.4                 | 354.7                         | 433,400*                  | 185                          |
|                       | 190                          | 69.1                 | 357.7                         | 419,800                   | 73.6                 | 352.4                         | 423,200*                  | 190                          |
|                       | 195                          | 68.3                 | 355.3                         | 399,400                   | 72.7                 | 349.9                         | 413,500*                  | 195                          |
|                       | 200                          | 67.5                 | 352.8                         | 380,300                   | 71.9                 | 347.4                         | 404,100*                  | 200                          |
|                       | 210                          | 65.8                 | 347.6                         | 345,000                   | 70.2                 | 342.1                         | 373,000                   | 210                          |
|                       | 220                          | 64.1                 | 342.0                         | 313,300                   | 68.4                 | 336.4                         | 339,400                   | 220                          |
|                       | 230                          | 62.3                 | 336.0                         | 284,700                   | 66.7                 | 330.3                         | 309,000                   | 230                          |
|                       | 240                          | 60.5                 | 329.5                         | 258,800                   | 64.8                 | 323.7                         | 281,300                   | 240                          |
|                       | 250                          | 58.7                 | 322.6                         | 235,100                   | 63.0                 | 316.7                         | 256,100                   | 250                          |
|                       | 260                          | 56.8                 | 315.2                         | 213,400                   | 61.1                 | 309.2                         | 232,900                   | 260                          |
|                       | 270                          | 54.9                 | 307.3                         | 193,400                   | 59.1                 | 301.1                         | 211,600                   | 270                          |
|                       | 280                          | 53.0                 | 298.9                         | 172,300*                  | 57.1                 | 292.5                         | 191,800                   | 280                          |
|                       | 290                          | 50.9                 | 289.8                         | 149,600*                  | 55.1                 | 283.2                         | 173,500                   | 290                          |
|                       | 300                          | 48.8                 | 280.0                         | 128,000*                  | 52.9                 | 273.2                         | 156,300                   | 300                          |
|                       | 310                          | 46.7                 | 269.5                         | 107,400*                  | 50.7                 | 262.4                         | 140,300                   | 310                          |
|                       | 320                          |                      |                               |                           | 48.3                 | 250.7                         | 125,300                   | 320                          |
|                       | 330                          |                      |                               |                           | 45.9                 | 237.9                         | 111,100                   | 330                          |

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE JIB CAPACITIES

M-1200

JIB NO. 75 WITH 82'6" STRUT ON  
BOOM NO. 72 OR NO. 72A WITH 1,433 TON BOOM POINT  
MAST NO. 75 OR NO. 75A  
60' RINGER ATTACHMENT ON SCREW JACK PEDESTALS  
52,000 LB. CRANE COUNTERWEIGHT  
2,017,600 LB. AUXILIARY COUNTERWEIGHT  
360 DEGREE RATING

### 150 FOOT JIB

| BOOM<br>LGTH.<br>FEET | JIB<br>OPER.<br>RAD.<br>FEET | 8 DEGREE OFFSET      |                               |                           | 20 DEGREE OFFSET     |                               |                           | JIB<br>OPER.<br>RAD.<br>FEET |
|-----------------------|------------------------------|----------------------|-------------------------------|---------------------------|----------------------|-------------------------------|---------------------------|------------------------------|
|                       |                              | BOOM<br>ANG.<br>DEG. | JIB<br>POINT<br>ELEV.<br>FEET | JIB<br>CAPACITY<br>POUNDS | BOOM<br>ANG.<br>DEG. | JIB<br>POINT<br>ELEV.<br>FEET | JIB<br>CAPACITY<br>POUNDS |                              |
| 2<br>5<br>3           | 85                           | 85.9                 | 414.6                         | 1,439,000*                |                      |                               |                           | 85                           |
|                       | 90                           | 85.2                 | 413.9                         | 1,406,600*                |                      |                               |                           | 90                           |
|                       | 95                           | 84.5                 | 413.1                         | 1,331,200*                |                      |                               |                           | 95                           |
|                       | 100                          | 83.8                 | 412.2                         | 1,252,800                 |                      |                               |                           | 100                          |
|                       | 105                          | 83.1                 | 411.3                         | 1,154,800                 |                      |                               |                           | 105                          |
|                       | 110                          | 82.3                 | 410.3                         | 1,068,700                 |                      |                               |                           | 110                          |
|                       | 115                          | 81.6                 | 409.2                         | 992,400                   | 86.0                 | 404.1                         | 652,400*                  | 115                          |
|                       | 120                          | 80.9                 | 408.1                         | 924,300                   | 85.2                 | 402.9                         | 632,300*                  | 120                          |
|                       | 125                          | 80.2                 | 406.9                         | 863,100                   | 84.5                 | 401.7                         | 613,400*                  | 125                          |
|                       | 130                          | 79.4                 | 405.6                         | 807,900                   | 83.8                 | 400.4                         | 595,500*                  | 130                          |
|                       | 135                          | 78.7                 | 404.3                         | 757,800                   | 83.0                 | 399.1                         | 578,500*                  | 135                          |
|                       | 140                          | 78.0                 | 402.9                         | 712,100                   | 82.3                 | 397.7                         | 562,400*                  | 140                          |
|                       | 145                          | 77.3                 | 401.4                         | 670,300                   | 81.5                 | 396.2                         | 547,100*                  | 145                          |
|                       | 150                          | 76.5                 | 399.9                         | 631,900                   | 80.8                 | 394.6                         | 532,500*                  | 150                          |
|                       | 155                          | 75.8                 | 398.3                         | 596,500                   | 80.0                 | 393.0                         | 518,600*                  | 155                          |
|                       | 160                          | 75.0                 | 396.6                         | 563,700                   | 79.3                 | 391.3                         | 505,400*                  | 160                          |
|                       | 165                          | 74.3                 | 394.9                         | 533,300                   | 78.5                 | 389.5                         | 492,800*                  | 165                          |
|                       | 170                          | 73.5                 | 393.1                         | 505,000                   | 77.8                 | 387.7                         | 480,800*                  | 170                          |
|                       | 175                          | 72.8                 | 391.2                         | 478,600                   | 77.0                 | 385.8                         | 469,300*                  | 175                          |
|                       | 180                          | 72.0                 | 389.2                         | 453,900                   | 76.2                 | 383.8                         | 458,200*                  | 180                          |
|                       | 185                          | 71.3                 | 387.1                         | 430,800                   | 75.5                 | 381.7                         | 447,700*                  | 185                          |
|                       | 190                          | 70.5                 | 385.0                         | 409,000                   | 74.7                 | 379.5                         | 437,600*                  | 190                          |
|                       | 195                          | 69.7                 | 382.8                         | 388,600                   | 73.9                 | 377.3                         | 422,700                   | 195                          |
|                       | 200                          | 69.0                 | 380.5                         | 369,300                   | 73.1                 | 375.0                         | 402,200                   | 200                          |
|                       | 210                          | 67.4                 | 375.7                         | 333,900                   | 71.5                 | 370.1                         | 364,500                   | 210                          |
|                       | 220                          | 65.8                 | 370.5                         | 302,100                   | 69.9                 | 364.8                         | 330,600                   | 220                          |
|                       | 230                          | 64.2                 | 365.0                         | 273,400                   | 68.3                 | 359.2                         | 300,000                   | 230                          |
|                       | 240                          | 62.6                 | 359.1                         | 247,400                   | 66.6                 | 353.2                         | 272,200                   | 240                          |
|                       | 250                          | 60.9                 | 352.8                         | 223,600                   | 64.9                 | 346.8                         | 246,800                   | 250                          |
|                       | 260                          | 59.2                 | 346.1                         | 201,800                   | 63.2                 | 340.0                         | 223,500                   | 260                          |
|                       | 270                          | 57.5                 | 338.9                         | 181,800                   | 61.5                 | 332.7                         | 202,000                   | 270                          |
|                       | 280                          | 55.7                 | 331.3                         | 163,300                   | 59.7                 | 324.9                         | 182,200                   | 280                          |
|                       | 290                          | 53.9                 | 323.2                         | 146,200                   | 57.8                 | 316.6                         | 163,700                   | 290                          |
|                       | 300                          |                      |                               |                           | 55.9                 | 307.7                         | 146,600                   | 300                          |
|                       | 310                          |                      |                               |                           | 53.9                 | 298.2                         | 130,500                   | 310                          |
|                       | 320                          |                      |                               |                           | 51.9                 | 288.0                         | 112,800*                  | 320                          |
|                       | 330                          |                      |                               |                           | 49.8                 | 277.0                         | 101,300*                  | 330                          |

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE JIB CAPACITIES

**M-1200**

JIB NO. 75 WITH 82'6" STRUT ON  
BOOM NO. 72 OR NO. 72A WITH 1,433 TON BOOM POINT  
MAST NO. 75 OR NO. 75A  
60' RINGER ATTACHMENT ON SCREW JACK PEDESTALS  
52,000 LB. CRANE COUNTERWEIGHT  
2,017,600 LB. AUXILIARY COUNTERWEIGHT  
360 DEGREE RATING

### 175 FOOT JIB

| BOOM<br>LGTH.<br>FEET | JIB<br>OPER.<br>RAD.<br>FEET | 8 DEGREE OFFSET      |                               |                           | 20 DEGREE OFFSET     |                               |                           | JIB<br>OPER.<br>RAD.<br>FEET |
|-----------------------|------------------------------|----------------------|-------------------------------|---------------------------|----------------------|-------------------------------|---------------------------|------------------------------|
|                       |                              | BOOM<br>ANG.<br>DEG. | JIB<br>POINT<br>ELEV.<br>FEET | JIB<br>CAPACITY<br>POUNDS | BOOM<br>ANG.<br>DEG. | JIB<br>POINT<br>ELEV.<br>FEET | JIB<br>CAPACITY<br>POUNDS |                              |
| 203                   | 90                           | 85.4                 | 388.6                         | 1,159,300*                |                      |                               |                           | 90                           |
|                       | 95                           | 84.6                 | 387.8                         | 1,091,200*                |                      |                               |                           | 95                           |
|                       | 100                          | 83.9                 | 386.9                         | 1,030,100*                |                      |                               |                           | 100                          |
|                       | 105                          | 83.1                 | 385.9                         | 975,000*                  |                      |                               |                           | 105                          |
|                       | 110                          | 82.3                 | 384.8                         | 925,100*                  |                      |                               |                           | 110                          |
|                       | 115                          | 81.6                 | 383.7                         | 879,600*                  |                      |                               |                           | 115                          |
|                       | 120                          | 80.8                 | 382.5                         | 838,000*                  | 86.1                 | 377.7                         | 578,300*                  | 120                          |
|                       | 125                          | 80.0                 | 381.2                         | 799,900*                  | 85.3                 | 376.4                         | 558,400*                  | 125                          |
|                       | 130                          | 79.3                 | 379.8                         | 764,700*                  | 84.5                 | 375.0                         | 539,700*                  | 130                          |
|                       | 135                          | 78.5                 | 378.4                         | 732,200*                  | 83.7                 | 373.6                         | 522,100*                  | 135                          |
|                       | 140                          | 77.7                 | 376.9                         | 702,000*                  | 82.9                 | 372.0                         | 505,500*                  | 140                          |
|                       | 145                          | 76.9                 | 375.4                         | 674,000*                  | 82.1                 | 370.5                         | 489,800*                  | 145                          |
|                       | 150                          | 76.1                 | 373.7                         | 647,800*                  | 81.3                 | 368.8                         | 474,900*                  | 150                          |
|                       | 155                          | 75.3                 | 372.0                         | 623,400*                  | 80.5                 | 367.0                         | 460,800*                  | 155                          |
|                       | 160                          | 74.5                 | 370.2                         | 591,900                   | 79.7                 | 365.2                         | 447,400*                  | 160                          |
|                       | 165                          | 73.7                 | 368.3                         | 561,600                   | 78.9                 | 363.3                         | 434,700*                  | 165                          |
|                       | 170                          | 72.9                 | 366.4                         | 533,500                   | 78.1                 | 361.3                         | 422,600*                  | 170                          |
|                       | 175                          | 72.1                 | 364.3                         | 507,300                   | 77.3                 | 359.3                         | 411,100*                  | 175                          |
|                       | 180                          | 71.3                 | 362.2                         | 482,700                   | 76.4                 | 357.1                         | 400,100*                  | 180                          |
|                       | 185                          | 70.5                 | 360.0                         | 459,700                   | 75.6                 | 354.9                         | 389,700*                  | 185                          |
|                       | 190                          | 69.7                 | 357.7                         | 438,200                   | 74.8                 | 352.5                         | 379,600*                  | 190                          |
|                       | 195                          | 68.8                 | 355.3                         | 417,800                   | 73.9                 | 350.1                         | 370,100*                  | 195                          |
|                       | 200                          | 68.0                 | 352.8                         | 398,700                   | 73.1                 | 347.6                         | 360,900*                  | 200                          |
|                       | 210                          | 66.3                 | 347.6                         | 363,500                   | 71.3                 | 342.3                         | 343,700*                  | 210                          |
|                       | 220                          | 64.6                 | 342.0                         | 331,900                   | 69.6                 | 336.6                         | 327,900*                  | 220                          |
|                       | 230                          | 62.8                 | 336.0                         | 303,400                   | 67.8                 | 330.5                         | 313,300*                  | 230                          |
|                       | 240                          | 61.1                 | 329.6                         | 277,500                   | 66.0                 | 323.9                         | 299,700*                  | 240                          |
|                       | 250                          | 59.2                 | 322.7                         | 253,800                   | 64.2                 | 316.9                         | 275,500                   | 250                          |
|                       | 260                          | 57.4                 | 315.3                         | 232,200                   | 62.3                 | 309.4                         | 252,400                   | 260                          |
|                       | 270                          | 55.5                 | 307.4                         | 212,300                   | 60.3                 | 301.3                         | 231,100                   | 270                          |
|                       | 280                          | 53.5                 | 298.9                         | 190,700*                  | 58.3                 | 292.7                         | 211,400                   | 280                          |
|                       | 290                          | 51.5                 | 289.8                         | 167,500*                  | 56.2                 | 283.4                         | 193,200                   | 290                          |
|                       | 300                          | 49.4                 | 280.1                         | 145,600*                  | 54.1                 | 273.4                         | 176,100                   | 300                          |
|                       | 310                          | 47.2                 | 269.6                         | 124,700*                  | 51.8                 | 262.6                         | 160,200                   | 310                          |
|                       | 320                          | 44.9                 | 258.2                         | 124,200*                  | 49.5                 | 250.9                         | 145,200                   | 320                          |
|                       | 330                          | 42.5                 | 245.8                         | 104,200*                  | 47.1                 | 238.2                         | 131,100                   | 330                          |
|                       | 340                          |                      |                               |                           | 44.4                 | 224.2                         | 117,700                   | 340                          |
|                       | 350                          |                      |                               |                           | 41.7                 | 208.7                         | 101,800*                  | 350                          |

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE JIB CAPACITIES

M-1200

JIB NO. 75 WITH 82'6" STRUT ON  
BOOM NO. 72 OR NO. 72A WITH 1,433 TON BOOM POINT  
MAST NO. 75 OR NO. 75A  
60' RINGER ATTACHMENT ON SCREW JACK PEDESTALS  
52,000 LB. CRANE COUNTERWEIGHT  
2,017,600 LB. AUXILIARY COUNTERWEIGHT  
360 DEGREE RATING

### 175 FOOT JIB

| BOOM<br>LGTH.<br>FEET | JIB<br>OPER.<br>RAD.<br>FEET | 8 DEGREE OFFSET      |                               |                           | 20 DEGREE OFFSET     |                               |                           | JIB<br>OPER.<br>RAD.<br>FEET |
|-----------------------|------------------------------|----------------------|-------------------------------|---------------------------|----------------------|-------------------------------|---------------------------|------------------------------|
|                       |                              | BOOM<br>ANG.<br>DEG. | JIB<br>POINT<br>ELEV.<br>FEET | JIB<br>CAPACITY<br>POUNDS | BOOM<br>ANG.<br>DEG. | JIB<br>POINT<br>ELEV.<br>FEET | JIB<br>CAPACITY<br>POUNDS |                              |
| 2<br>2<br>8           | 90                           | 85.7                 | 413.9                         | 1,237,500*                |                      |                               |                           | 90                           |
|                       | 95                           | 85.0                 | 413.1                         | 1,167,200*                |                      |                               |                           | 95                           |
|                       | 100                          | 84.3                 | 412.2                         | 1,104,100*                |                      |                               |                           | 100                          |
|                       | 105                          | 83.5                 | 411.3                         | 1,046,900*                |                      |                               |                           | 105                          |
|                       | 110                          | 82.8                 | 410.3                         | 995,000*                  |                      |                               |                           | 110                          |
|                       | 115                          | 82.1                 | 409.2                         | 947,600*                  |                      |                               |                           | 115                          |
|                       | 120                          | 81.4                 | 408.1                         | 904,100*                  |                      |                               |                           | 120                          |
|                       | 125                          | 80.7                 | 406.9                         | 864,100*                  | 85.6                 | 401.8                         | 569,600*                  | 125                          |
|                       | 130                          | 79.9                 | 405.6                         | 825,500                   | 84.8                 | 400.5                         | 551,500*                  | 130                          |
|                       | 135                          | 79.2                 | 404.3                         | 775,400                   | 84.1                 | 399.2                         | 534,300*                  | 135                          |
|                       | 140                          | 78.5                 | 402.9                         | 729,800                   | 83.4                 | 397.8                         | 518,100*                  | 140                          |
|                       | 145                          | 77.7                 | 401.5                         | 688,000                   | 82.6                 | 396.3                         | 502,700*                  | 145                          |
|                       | 150                          | 77.0                 | 399.9                         | 649,700                   | 81.9                 | 394.7                         | 488,100*                  | 150                          |
|                       | 155                          | 76.3                 | 398.3                         | 614,300                   | 81.1                 | 393.1                         | 474,300*                  | 155                          |
|                       | 160                          | 75.5                 | 396.6                         | 581,500                   | 80.4                 | 391.4                         | 461,100*                  | 160                          |
|                       | 165                          | 74.8                 | 394.9                         | 551,200                   | 79.6                 | 389.6                         | 448,500*                  | 165                          |
|                       | 170                          | 74.0                 | 393.1                         | 522,900                   | 78.9                 | 387.8                         | 436,600*                  | 170                          |
|                       | 175                          | 73.3                 | 391.2                         | 496,500                   | 78.1                 | 385.9                         | 425,200*                  | 175                          |
|                       | 180                          | 72.5                 | 389.2                         | 471,900                   | 77.3                 | 383.9                         | 414,300*                  | 180                          |
|                       | 185                          | 71.8                 | 387.1                         | 448,800                   | 76.6                 | 381.8                         | 403,900*                  | 185                          |
|                       | 190                          | 71.0                 | 385.0                         | 427,100                   | 75.8                 | 379.6                         | 393,900*                  | 190                          |
|                       | 195                          | 70.2                 | 382.8                         | 406,700                   | 75.0                 | 377.4                         | 384,400*                  | 195                          |
|                       | 200                          | 69.5                 | 380.5                         | 387,400                   | 74.2                 | 375.0                         | 375,200*                  | 200                          |
|                       | 210                          | 67.9                 | 375.7                         | 352,100                   | 72.6                 | 370.2                         | 358,200*                  | 210                          |
|                       | 220                          | 66.3                 | 370.5                         | 320,300                   | 71.0                 | 364.9                         | 342,100*                  | 220                          |
|                       | 230                          | 64.7                 | 365.0                         | 291,700                   | 69.4                 | 359.3                         | 319,100                   | 230                          |
|                       | 240                          | 63.1                 | 359.1                         | 265,700                   | 67.7                 | 353.3                         | 291,400                   | 240                          |
|                       | 250                          | 61.4                 | 352.8                         | 242,000                   | 66.0                 | 346.9                         | 266,000                   | 250                          |
|                       | 260                          | 59.7                 | 346.1                         | 220,200                   | 64.3                 | 340.0                         | 242,800                   | 260                          |
|                       | 270                          | 58.0                 | 338.9                         | 200,300                   | 62.5                 | 332.8                         | 221,400                   | 270                          |
|                       | 280                          | 56.2                 | 331.3                         | 181,800                   | 60.7                 | 325.0                         | 201,600                   | 280                          |
|                       | 290                          | 54.4                 | 323.2                         | 141,200*                  | 58.9                 | 316.7                         | 183,200                   | 290                          |
|                       | 300                          | 52.5                 | 314.5                         | 131,400*                  | 57.0                 | 307.8                         | 166,100                   | 300                          |
|                       | 310                          | 50.6                 | 305.2                         | 121,600*                  | 55.0                 | 298.3                         | 150,200                   | 310                          |
|                       | 320                          | 48.6                 | 295.3                         | 102,800*                  | 53.0                 | 288.1                         | 135,200                   | 320                          |
|                       | 330                          |                      |                               |                           | 50.9                 | 277.2                         | 121,100                   | 330                          |
|                       | 340                          |                      |                               |                           | 48.7                 | 265.3                         | 107,800                   | 340                          |

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE JIB CAPACITIES

**M-1200**

JIB NO. 75 WITH 82'6" STRUT ON  
BOOM NO. 72 OR NO. 72A WITH 1,433 TON BOOM POINT  
MAST NO. 75 OR NO. 75A  
60' RINGER ATTACHMENT ON SCREW JACK PEDESTALS  
52,000 LB. CRANE COUNTERWEIGHT  
2,017,600 LB. AUXILIARY COUNTERWEIGHT  
360 DEGREE RATING

### 200 FOOT JIB

| BOOM<br>LGTH.<br>FEET | JIB<br>OPER.<br>RAD.<br>FEET | 8 DEGREE OFFSET      |                               |                           | 20 DEGREE OFFSET     |                               |                           | JIB<br>OPER.<br>RAD.<br>FEET |
|-----------------------|------------------------------|----------------------|-------------------------------|---------------------------|----------------------|-------------------------------|---------------------------|------------------------------|
|                       |                              | BOOM<br>ANG.<br>DEG. | JIB<br>POINT<br>ELEV.<br>FEET | JIB<br>CAPACITY<br>POUNDS | BOOM<br>ANG.<br>DEG. | JIB<br>POINT<br>ELEV.<br>FEET | JIB<br>CAPACITY<br>POUNDS |                              |
| 200<br>3              | 95                           | 85.5                 | 413.1                         | 1,004,200*                |                      |                               |                           | 95                           |
|                       | 100                          | 84.8                 | 412.2                         | 947,400*                  |                      |                               |                           | 100                          |
|                       | 105                          | 84.1                 | 411.3                         | 896,200*                  |                      |                               |                           | 105                          |
|                       | 110                          | 83.4                 | 410.3                         | 849,700*                  |                      |                               |                           | 110                          |
|                       | 115                          | 82.6                 | 409.2                         | 807,400*                  |                      |                               |                           | 115                          |
|                       | 120                          | 81.9                 | 408.1                         | 768,700*                  |                      |                               |                           | 120                          |
|                       | 125                          | 81.2                 | 406.9                         | 733,200*                  |                      |                               |                           | 125                          |
|                       | 130                          | 80.5                 | 405.7                         | 700,400*                  |                      |                               |                           | 130                          |
|                       | 135                          | 79.8                 | 404.3                         | 670,100*                  | 85.4                 | 399.1                         | 486,600*                  | 135                          |
|                       | 140                          | 79.0                 | 402.9                         | 642,100*                  | 84.7                 | 397.7                         | 470,500*                  | 140                          |
|                       | 145                          | 78.3                 | 401.5                         | 616,000*                  | 84.0                 | 396.2                         | 455,300*                  | 145                          |
|                       | 150                          | 77.6                 | 399.9                         | 591,600*                  | 83.2                 | 394.6                         | 440,900*                  | 150                          |
|                       | 155                          | 76.8                 | 398.3                         | 568,900*                  | 82.5                 | 393.0                         | 427,300*                  | 155                          |
|                       | 160                          | 76.1                 | 396.7                         | 547,600*                  | 81.7                 | 391.3                         | 414,300*                  | 160                          |
|                       | 165                          | 75.3                 | 394.9                         | 527,600*                  | 80.9                 | 389.5                         | 402,000*                  | 165                          |
|                       | 170                          | 74.6                 | 393.1                         | 508,800*                  | 80.2                 | 387.7                         | 390,300*                  | 170                          |
|                       | 175                          | 73.8                 | 391.2                         | 491,100*                  | 79.4                 | 385.8                         | 379,100*                  | 175                          |
|                       | 180                          | 73.1                 | 389.2                         | 474,400*                  | 78.7                 | 383.8                         | 368,400*                  | 180                          |
|                       | 185                          | 72.3                 | 387.2                         | 458,600*                  | 77.9                 | 381.7                         | 358,200*                  | 185                          |
|                       | 190                          | 71.5                 | 385.0                         | 443,700*                  | 77.1                 | 379.5                         | 348,500*                  | 190                          |
|                       | 195                          | 70.8                 | 382.8                         | 423,300                   | 76.3                 | 377.3                         | 339,200*                  | 195                          |
|                       | 200                          | 70.0                 | 380.5                         | 404,100                   | 75.5                 | 374.9                         | 330,200*                  | 200                          |
|                       | 210                          | 68.4                 | 375.7                         | 368,800                   | 74.0                 | 370.0                         | 313,400*                  | 210                          |
|                       | 220                          | 66.9                 | 370.5                         | 337,100                   | 72.3                 | 364.8                         | 298,000*                  | 220                          |
|                       | 230                          | 65.2                 | 365.0                         | 308,500                   | 70.7                 | 359.2                         | 283,600*                  | 230                          |
|                       | 240                          | 63.6                 | 359.1                         | 282,500                   | 69.1                 | 353.2                         | 270,400*                  | 240                          |
|                       | 250                          | 61.9                 | 352.8                         | 258,800                   | 67.4                 | 346.8                         | 258,000*                  | 250                          |
|                       | 260                          | 60.3                 | 346.1                         | 237,100                   | 65.6                 | 339.9                         | 246,500*                  | 260                          |
|                       | 270                          | 58.5                 | 339.0                         | 217,200                   | 63.9                 | 332.6                         | 235,700*                  | 270                          |
|                       | 280                          | 56.8                 | 331.3                         | 180,100*                  | 62.1                 | 324.9                         | 218,700                   | 280                          |
|                       | 290                          | 54.9                 | 323.2                         | 179,100*                  | 60.2                 | 316.5                         | 200,400                   | 290                          |
|                       | 300                          | 53.1                 | 314.5                         | 157,800*                  | 58.3                 | 307.7                         | 183,400                   | 300                          |
|                       | 310                          | 51.2                 | 305.2                         | 137,600*                  | 56.3                 | 298.2                         | 167,400                   | 310                          |
|                       | 320                          | 49.2                 | 295.3                         | 118,400*                  | 54.3                 | 288.0                         | 152,500                   | 320                          |
|                       | 330                          | 47.1                 | 284.6                         | 100,000*                  | 52.2                 | 277.0                         | 138,400                   | 330                          |
|                       | 340                          |                      |                               |                           | 50.0                 | 265.2                         | 125,100                   | 340                          |
|                       | 350                          |                      |                               |                           | 47.7                 | 252.4                         | 112,600                   | 350                          |
|                       | 360                          |                      |                               |                           | 45.2                 | 238.4                         | 100,600                   | 360                          |

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE JIB CAPACITIES

M-1200

JIB NO. 75 WITH 82'6" STRUT ON  
BOOM NO. 72 OR NO. 72A WITH 1,433 TON BOOM POINT  
MAST NO. 75 OR NO. 75A  
60' RINGER ATTACHMENT ON SCREW JACK PEDESTALS  
52,000 LB. CRANE COUNTERWEIGHT  
2,017,600 LB. AUXILIARY COUNTERWEIGHT  
360 DEGREE RATING

### 200 FOOT JIB

| BOOM<br>LGTH.<br>FEET | JIB<br>OPER.<br>RAD.<br>FEET | 8 DEGREE OFFSET      |                               |                           | 20 DEGREE OFFSET     |                               |                           | JIB<br>OPER.<br>RAD.<br>FEET |
|-----------------------|------------------------------|----------------------|-------------------------------|---------------------------|----------------------|-------------------------------|---------------------------|------------------------------|
|                       |                              | BOOM<br>ANG.<br>DEG. | JIB<br>POINT<br>ELEV.<br>FEET | JIB<br>CAPACITY<br>POUNDS | BOOM<br>ANG.<br>DEG. | JIB<br>POINT<br>ELEV.<br>FEET | JIB<br>CAPACITY<br>POUNDS |                              |
| 2<br>2<br>8           | 95                           | 85.8                 | 438.3                         | 1,070,100*                |                      |                               |                           | 95                           |
|                       | 100                          | 85.1                 | 437.5                         | 1,011,600*                |                      |                               |                           | 100                          |
|                       | 105                          | 84.4                 | 436.6                         | 958,700*                  |                      |                               |                           | 105                          |
|                       | 110                          | 83.8                 | 435.7                         | 910,600*                  |                      |                               |                           | 110                          |
|                       | 115                          | 83.1                 | 434.7                         | 866,700*                  |                      |                               |                           | 115                          |
|                       | 120                          | 82.4                 | 433.6                         | 826,400*                  |                      |                               |                           | 120                          |
|                       | 125                          | 81.7                 | 432.5                         | 789,400*                  |                      |                               |                           | 125                          |
|                       | 130                          | 81.0                 | 431.3                         | 755,200*                  |                      |                               |                           | 130                          |
|                       | 135                          | 80.4                 | 430.1                         | 723,500*                  | 85.7                 | 424.5                         | 498,300*                  | 135                          |
|                       | 140                          | 79.7                 | 428.8                         | 694,100*                  | 85.0                 | 423.2                         | 482,700*                  | 140                          |
|                       | 145                          | 79.0                 | 427.4                         | 666,700*                  | 84.3                 | 421.8                         | 468,000*                  | 145                          |
|                       | 150                          | 78.3                 | 426.0                         | 641,200*                  | 83.6                 | 420.3                         | 454,000*                  | 150                          |
|                       | 155                          | 77.6                 | 424.5                         | 617,300*                  | 82.9                 | 418.8                         | 440,700*                  | 155                          |
|                       | 160                          | 76.9                 | 422.9                         | 588,100                   | 82.2                 | 417.2                         | 428,000*                  | 160                          |
|                       | 165                          | 76.2                 | 421.3                         | 557,600                   | 81.5                 | 415.6                         | 416,000*                  | 165                          |
|                       | 170                          | 75.5                 | 419.6                         | 529,200                   | 80.8                 | 413.8                         | 404,500*                  | 170                          |
|                       | 175                          | 74.8                 | 417.8                         | 502,700                   | 80.1                 | 412.0                         | 393,600*                  | 175                          |
|                       | 180                          | 74.1                 | 415.9                         | 478,000                   | 79.4                 | 410.2                         | 383,100*                  | 180                          |
|                       | 185                          | 73.4                 | 414.0                         | 454,800                   | 78.6                 | 408.2                         | 373,100*                  | 185                          |
|                       | 190                          | 72.7                 | 412.0                         | 433,000                   | 77.9                 | 406.2                         | 363,500*                  | 190                          |
|                       | 195                          | 72.0                 | 410.0                         | 412,500                   | 77.2                 | 404.1                         | 354,400*                  | 195                          |
|                       | 200                          | 71.2                 | 407.9                         | 393,200                   | 76.5                 | 402.0                         | 345,600*                  | 200                          |
|                       | 210                          | 69.8                 | 403.4                         | 357,700                   | 75.0                 | 397.4                         | 329,100*                  | 210                          |
|                       | 220                          | 68.3                 | 398.6                         | 325,800                   | 73.5                 | 392.5                         | 313,800*                  | 220                          |
|                       | 230                          | 66.8                 | 393.4                         | 297,100                   | 72.0                 | 387.3                         | 299,700*                  | 230                          |
|                       | 240                          | 65.3                 | 388.0                         | 271,000                   | 70.4                 | 381.8                         | 286,500*                  | 240                          |
|                       | 250                          | 63.8                 | 382.2                         | 247,200                   | 68.9                 | 375.9                         | 274,000                   | 250                          |
|                       | 260                          | 62.2                 | 376.0                         | 225,400                   | 67.3                 | 369.6                         | 250,600                   | 260                          |
|                       | 270                          | 60.6                 | 369.5                         | 205,400                   | 65.7                 | 362.9                         | 229,100                   | 270                          |
|                       | 280                          | 59.0                 | 362.5                         | 186,900                   | 64.0                 | 355.8                         | 209,200                   | 280                          |
|                       | 290                          | 57.4                 | 355.1                         | 169,800                   | 62.4                 | 348.3                         | 190,800                   | 290                          |
|                       | 300                          | 55.7                 | 347.2                         | 153,900                   | 60.6                 | 340.3                         | 173,600                   | 300                          |
|                       | 310                          | 54.0                 | 338.9                         | 112,200*                  | 58.9                 | 331.7                         | 157,600                   | 310                          |
|                       | 320                          | 52.2                 | 330.0                         | 110,400*                  | 57.1                 | 322.6                         | 142,600                   | 320                          |
|                       | 330                          |                      |                               |                           | 55.2                 | 312.9                         | 128,500                   | 330                          |
|                       | 340                          |                      |                               |                           | 53.2                 | 302.6                         | 115,200                   | 340                          |
|                       | 350                          |                      |                               |                           | 51.2                 | 291.5                         | 102,600                   | 350                          |

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE JIB CAPACITIES

**M-1200**

JIB NO. 75 WITH 82'6" STRUT ON  
BOOM NO. 72 OR NO. 72A WITH 1,433 TON BOOM POINT  
MAST NO. 75 OR NO. 75A  
60' RINGER ATTACHMENT ON SCREW JACK PEDESTALS  
52,000 LB. CRANE COUNTERWEIGHT  
2,017,600 LB. AUXILIARY COUNTERWEIGHT  
360 DEGREE RATING

### 225 FOOT JIB

| BOOM<br>LGTH.<br>FEET | JIB<br>OPER.<br>RAD.<br>FEET | 8 DEGREE OFFSET      |                               |                           | 20 DEGREE OFFSET     |                               |                           | JIB<br>OPER.<br>RAD.<br>FEET |
|-----------------------|------------------------------|----------------------|-------------------------------|---------------------------|----------------------|-------------------------------|---------------------------|------------------------------|
|                       |                              | BOOM<br>ANG.<br>DEG. | JIB<br>POINT<br>ELEV.<br>FEET | JIB<br>CAPACITY<br>POUNDS | BOOM<br>ANG.<br>DEG. | JIB<br>POINT<br>ELEV.<br>FEET | JIB<br>CAPACITY<br>POUNDS |                              |
| 203                   | 100                          | 85.6                 | 437.6                         | 893,900*                  |                      |                               |                           | 100                          |
|                       | 105                          | 84.9                 | 436.7                         | 844,300*                  |                      |                               |                           | 105                          |
|                       | 110                          | 84.2                 | 435.7                         | 799,400*                  |                      |                               |                           | 110                          |
|                       | 115                          | 83.6                 | 434.8                         | 758,600*                  |                      |                               |                           | 115                          |
|                       | 120                          | 82.9                 | 433.7                         | 721,200*                  |                      |                               |                           | 120                          |
|                       | 125                          | 82.2                 | 432.6                         | 687,000*                  |                      |                               |                           | 125                          |
|                       | 130                          | 81.5                 | 431.4                         | 655,500*                  |                      |                               |                           | 130                          |
|                       | 135                          | 80.8                 | 430.1                         | 626,300*                  |                      |                               |                           | 135                          |
|                       | 140                          | 80.1                 | 428.8                         | 599,300*                  |                      |                               |                           | 140                          |
|                       | 145                          | 79.5                 | 427.5                         | 574,200*                  | 85.5                 | 421.9                         | 415,000*                  | 145                          |
|                       | 150                          | 78.8                 | 426.0                         | 550,900*                  | 84.8                 | 420.4                         | 401,400*                  | 150                          |
|                       | 155                          | 78.1                 | 424.5                         | 526,100*                  | 84.1                 | 418.9                         | 388,600*                  | 155                          |
|                       | 160                          | 77.4                 | 423.0                         | 508,600*                  | 83.4                 | 417.3                         | 376,400*                  | 160                          |
|                       | 165                          | 76.7                 | 421.3                         | 489,500*                  | 82.7                 | 415.6                         | 364,800*                  | 165                          |
|                       | 170                          | 76.0                 | 419.6                         | 471,400*                  | 82.0                 | 413.9                         | 353,700*                  | 170                          |
|                       | 175                          | 75.3                 | 417.8                         | 454,500*                  | 81.3                 | 412.1                         | 343,200*                  | 175                          |
|                       | 180                          | 74.6                 | 416.0                         | 438,500*                  | 80.6                 | 410.2                         | 333,200*                  | 180                          |
|                       | 185                          | 73.9                 | 414.1                         | 423,400*                  | 79.9                 | 408.3                         | 323,600*                  | 185                          |
|                       | 190                          | 73.2                 | 412.1                         | 409,000*                  | 79.1                 | 406.3                         | 314,400*                  | 190                          |
|                       | 195                          | 72.4                 | 410.0                         | 395,500*                  | 78.4                 | 404.2                         | 305,600*                  | 195                          |
|                       | 200                          | 71.7                 | 407.9                         | 382,600*                  | 77.7                 | 402.0                         | 297,200*                  | 200                          |
|                       | 210                          | 70.3                 | 403.4                         | 358,700*                  | 76.2                 | 397.5                         | 281,400*                  | 210                          |
|                       | 220                          | 68.8                 | 398.6                         | 337,000*                  | 74.7                 | 392.6                         | 266,800*                  | 220                          |
|                       | 230                          | 67.3                 | 393.5                         | 312,300                   | 73.2                 | 387.4                         | 253,300*                  | 230                          |
|                       | 240                          | 65.8                 | 388.1                         | 286,300                   | 71.7                 | 381.8                         | 240,800*                  | 240                          |
|                       | 250                          | 64.3                 | 382.2                         | 262,600                   | 70.1                 | 375.9                         | 229,100*                  | 250                          |
|                       | 260                          | 62.7                 | 376.1                         | 241,000                   | 68.5                 | 369.7                         | 218,200*                  | 260                          |
|                       | 270                          | 61.1                 | 369.5                         | 221,000                   | 66.9                 | 363.0                         | 208,100*                  | 270                          |
|                       | 280                          | 59.5                 | 362.6                         | 202,600                   | 65.3                 | 355.9                         | 198,500*                  | 280                          |
|                       | 290                          | 57.8                 | 355.2                         | 185,600                   | 63.6                 | 348.3                         | 189,600*                  | 290                          |
|                       | 300                          | 56.2                 | 347.3                         | 146,800*                  | 61.9                 | 340.3                         | 181,200*                  | 300                          |
|                       | 310                          | 54.4                 | 339.0                         | 137,700*                  | 60.1                 | 331.8                         | 173,300*                  | 310                          |
|                       | 320                          | 52.7                 | 330.1                         | 128,600*                  | 58.3                 | 322.7                         | 159,400                   | 320                          |
|                       | 330                          | 50.8                 | 320.6                         | 110,900*                  | 56.4                 | 313.0                         | 145,400                   | 330                          |
|                       | 340                          |                      |                               |                           | 54.5                 | 302.7                         | 132,200                   | 340                          |
|                       | 350                          |                      |                               |                           | 52.5                 | 291.6                         | 119,700                   | 350                          |
|                       | 360                          |                      |                               |                           | 50.4                 | 279.6                         | 107,800                   | 360                          |