

# 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  
MAST NO. 75 OR NO. 75A  
60' RINGER ATTACHMENT ON SCREW JACK PEDESTALS  
52,000 LB. CRANE COUNTERWEIGHT  
2,061,600 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 (\*).

UPPER JIB POINT CAPACITY FOR LIFTCRANE SERVICE WITH 6 PART LINE IS 180,000 LBS. IN ALL CASES, UPPER JIB POINT CAPACITIES CANNOT EXCEED THOSE LISTED FOR MAIN JIB CAPACITY. UPPER JIB POINT MINIMUM OPERATING RADII WILL BE RESTRICTED WITH BOOM AT MAXIMUM ANGLE.

WEIGHT OF ALL LOAD BLOCKS, HOOKS, SLINGS, HOIST LINES, ETC., BENEATH JIB POINT SHEAVES, IS CONSIDERED PART OF JIB LOAD. 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-D. 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 2,061,600 LB. AUXILIARY COUNTERWEIGHT.

| MAXIMUM BOOM AND JIB LENGTHS<br>LIFTED UNASSISTED |            |
|---------------------------------------------------|------------|
| BOOM LGTH.                                        | JIB NO. 75 |
| 253'                                              | 200'       |
| 228'                                              | 250'       |
| LOAD BLOCKS ON GROUND AT START.                   |            |

LOAD BLOCK, BOOM POINT HANGER FRAME AND UPPER BOOM POINT (BOOM NO. 72A) MUST BE REMOVED FROM MAIN BOOM FOR USE OF THIS CHART.

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

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MAST NO. 75 OR NO. 75A

60' RINGER ATTACHMENT ON SCREW JACK PEDESTALS

52,000 LB. CRANE COUNTERWEIGHT

2,061,600 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                         | 1,274,500*                | 84.2                 | 306.6                         | 767,300*                  | 100                          |
|                       | 105                          | 79.6                 | 309.0                         | 1,188,700                 | 83.2                 | 305.3                         | 739,500*                  | 105                          |
|                       | 110                          | 78.6                 | 307.6                         | 1,105,300                 | 82.2                 | 304.0                         | 713,500*                  | 110                          |
|                       | 115                          | 77.6                 | 306.2                         | 1,031,400                 | 81.2                 | 302.5                         | 689,100*                  | 115                          |
|                       | 120                          | 76.7                 | 304.7                         | 965,500                   | 80.2                 | 301.0                         | 666,300*                  | 120                          |
|                       | 125                          | 75.7                 | 303.1                         | 906,400                   | 79.3                 | 299.4                         | 644,900*                  | 125                          |
|                       | 130                          | 74.7                 | 301.4                         | 853,000                   | 78.3                 | 297.6                         | 624,700*                  | 130                          |
|                       | 135                          | 73.7                 | 299.6                         | 804,500                   | 77.2                 | 295.8                         | 605,700*                  | 135                          |
|                       | 140                          | 72.7                 | 297.7                         | 760,400                   | 76.2                 | 293.9                         | 587,700*                  | 140                          |
|                       | 145                          | 71.7                 | 295.7                         | 720,000                   | 75.2                 | 291.8                         | 570,700*                  | 145                          |
|                       | 150                          | 70.7                 | 293.5                         | 682,900                   | 74.2                 | 289.7                         | 554,500*                  | 150                          |
|                       | 155                          | 69.7                 | 291.3                         | 648,600                   | 73.2                 | 287.5                         | 539,300*                  | 155                          |
|                       | 160                          | 68.6                 | 289.0                         | 617,000                   | 72.1                 | 285.1                         | 524,700*                  | 160                          |
|                       | 165                          | 67.6                 | 286.6                         | 587,600                   | 71.1                 | 282.6                         | 510,900*                  | 165                          |
|                       | 170                          | 66.6                 | 284.0                         | 560,300                   | 70.0                 | 280.0                         | 497,800*                  | 170                          |
|                       | 175                          | 65.5                 | 281.4                         | 534,800                   | 68.9                 | 277.3                         | 485,300*                  | 175                          |
|                       | 180                          | 64.4                 | 278.6                         | 511,000                   | 67.9                 | 274.5                         | 473,300*                  | 180                          |
|                       | 185                          | 63.4                 | 275.7                         | 488,700                   | 66.8                 | 271.6                         | 461,900*                  | 185                          |
|                       | 190                          | 62.3                 | 272.6                         | 467,700                   | 65.6                 | 268.5                         | 451,000*                  | 190                          |
|                       | 195                          | 61.2                 | 269.5                         | 448,000                   | 64.5                 | 265.3                         | 440,600*                  | 195                          |
|                       | 200                          | 60.0                 | 266.2                         | 429,400                   | 63.4                 | 261.9                         | 430,600*                  | 200                          |
|                       | 210                          | 57.8                 | 259.1                         | 395,300                   | 61.1                 | 254.7                         | 405,700                   | 210                          |
|                       | 220                          | 55.4                 | 251.5                         | 364,600                   | 58.7                 | 246.9                         | 374,100                   | 220                          |
|                       | 230                          | 53.0                 | 243.1                         | 336,900                   | 56.2                 | 238.4                         | 345,500                   | 230                          |
|                       | 240                          | 50.5                 | 234.0                         | 311,800                   | 53.6                 | 229.1                         | 319,600                   | 240                          |
|                       | 250                          | 47.8                 | 224.0                         | 288,900                   | 50.9                 | 218.9                         | 295,900                   | 250                          |
|                       | 260                          | 45.1                 | 213.1                         | 267,800                   | 48.1                 | 207.7                         | 274,100                   | 260                          |
|                       | 270                          | 42.1                 | 201.0                         | 248,500                   | 45.1                 | 195.2                         | 254,000                   | 270                          |
|                       | 280                          | 39.0                 | 187.4                         | 230,500                   | 41.8                 | 181.2                         | 235,300                   | 280                          |
|                       | 290                          | 35.6                 | 172.2                         | 213,900                   | 38.3                 | 165.3                         | 217,900                   | 290                          |
|                       | 300                          | 31.8                 | 154.6                         | 187,900*                  | 34.3                 | 146.9                         | 197,700*                  | 300                          |
|                       | 310                          | 27.5                 | 133.8                         | 161,000*                  | 29.7                 | 124.6                         | 169,200*                  | 310                          |

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52,000 LB. CRANE COUNTERWEIGHT

2,061,600 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                         | 1,764,000*                |                      |                               |                           | 75                           |
|                       | 80                           | 84.8                 | 339.6                         | 1,713,400*                |                      |                               |                           | 80                           |
|                       | 85                           | 83.9                 | 338.8                         | 1,613,800*                |                      |                               |                           | 85                           |
|                       | 90                           | 83.0                 | 337.9                         | 1,512,100                 |                      |                               |                           | 90                           |
|                       | 95                           | 82.1                 | 336.9                         | 1,385,500                 | 85.5                 | 333.1                         | 846,600*                  | 95                           |
|                       | 100                          | 81.3                 | 335.8                         | 1,276,400                 | 84.6                 | 332.1                         | 816,800*                  | 100                          |
|                       | 105                          | 80.4                 | 334.7                         | 1,181,400                 | 83.7                 | 330.9                         | 788,900*                  | 105                          |
|                       | 110                          | 79.5                 | 333.4                         | 1,097,800                 | 82.8                 | 329.6                         | 762,700*                  | 110                          |
|                       | 115                          | 78.6                 | 332.1                         | 1,023,800                 | 81.9                 | 328.3                         | 738,200*                  | 115                          |
|                       | 120                          | 77.7                 | 330.7                         | 957,800                   | 81.0                 | 326.9                         | 715,000*                  | 120                          |
|                       | 125                          | 76.8                 | 329.3                         | 898,500                   | 80.1                 | 325.4                         | 693,300*                  | 125                          |
|                       | 130                          | 75.9                 | 327.7                         | 845,000                   | 79.2                 | 323.8                         | 672,700*                  | 130                          |
|                       | 135                          | 75.0                 | 326.0                         | 796,500                   | 78.3                 | 322.1                         | 653,200*                  | 135                          |
|                       | 140                          | 74.1                 | 324.3                         | 752,200                   | 77.3                 | 320.4                         | 634,800*                  | 140                          |
|                       | 145                          | 73.1                 | 322.5                         | 711,800                   | 76.4                 | 318.5                         | 617,400*                  | 145                          |
|                       | 150                          | 72.2                 | 320.5                         | 674,600                   | 75.5                 | 316.6                         | 600,800*                  | 150                          |
|                       | 155                          | 71.3                 | 318.5                         | 640,300                   | 74.5                 | 314.5                         | 585,000*                  | 155                          |
|                       | 160                          | 70.4                 | 316.4                         | 608,600                   | 73.6                 | 312.4                         | 570,000*                  | 160                          |
|                       | 165                          | 69.4                 | 314.2                         | 579,200                   | 72.6                 | 310.1                         | 555,700*                  | 165                          |
|                       | 170                          | 68.5                 | 311.9                         | 551,800                   | 71.7                 | 307.8                         | 542,100*                  | 170                          |
|                       | 175                          | 67.5                 | 309.5                         | 526,300                   | 70.7                 | 305.3                         | 529,000*                  | 175                          |
|                       | 180                          | 66.5                 | 306.9                         | 502,500                   | 69.7                 | 302.8                         | 516,600*                  | 180                          |
|                       | 185                          | 65.6                 | 304.3                         | 480,100                   | 68.7                 | 300.1                         | 494,600                   | 185                          |
|                       | 190                          | 64.6                 | 301.6                         | 459,100                   | 67.7                 | 297.3                         | 473,000                   | 190                          |
|                       | 195                          | 63.6                 | 298.7                         | 439,400                   | 66.7                 | 294.5                         | 452,700                   | 195                          |
|                       | 200                          | 62.6                 | 295.8                         | 420,800                   | 65.7                 | 291.5                         | 433,500                   | 200                          |
|                       | 210                          | 60.6                 | 289.5                         | 386,600                   | 63.6                 | 285.1                         | 398,300                   | 210                          |
|                       | 220                          | 58.5                 | 282.7                         | 356,000                   | 61.5                 | 278.1                         | 366,700                   | 220                          |
|                       | 230                          | 56.3                 | 275.3                         | 328,300                   | 59.3                 | 270.6                         | 338,100                   | 230                          |
|                       | 240                          | 54.1                 | 267.3                         | 303,100                   | 57.1                 | 262.5                         | 312,100                   | 240                          |
|                       | 250                          | 51.8                 | 258.7                         | 280,200                   | 54.8                 | 253.7                         | 288,400                   | 250                          |
|                       | 260                          | 49.5                 | 249.4                         | 259,300                   | 52.4                 | 244.2                         | 266,700                   | 260                          |
|                       | 270                          | 47.0                 | 239.2                         | 239,900                   | 49.8                 | 233.8                         | 246,700                   | 270                          |
|                       | 280                          | 44.4                 | 228.1                         | 222,100                   | 47.2                 | 222.4                         | 228,100                   | 280                          |
|                       | 290                          | 41.7                 | 215.9                         | 205,600                   | 44.4                 | 209.8                         | 210,900                   | 290                          |
|                       | 300                          | 38.8                 | 202.4                         | 190,200                   | 41.4                 | 195.9                         | 194,800                   | 300                          |
|                       | 310                          | 35.7                 | 187.3                         | 175,800                   | 38.2                 | 180.2                         | 179,700                   | 310                          |
|                       | 320                          | 32.3                 | 170.1                         | 160,500*                  | 34.6                 | 162.2                         | 165,500                   | 320                          |
|                       | 330                          | 28.4                 | 150.1                         | 137,400*                  | 30.5                 | 141.1                         | 144,900*                  | 330                          |

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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                         | 1,764,000*                |                      |                               |                           | 75                           |
|                       | 80                           | 85.1                 | 364.9                         | 1,733,000*                |                      |                               |                           | 80                           |
|                       | 85                           | 84.3                 | 364.1                         | 1,650,500*                |                      |                               |                           | 85                           |
|                       | 90                           | 83.5                 | 363.2                         | 1,505,100                 |                      |                               |                           | 90                           |
|                       | 95                           | 82.7                 | 362.3                         | 1,378,200                 | 85.8                 | 358.4                         | 873,600*                  | 95                           |
|                       | 100                          | 81.9                 | 361.3                         | 1,268,800                 | 85.0                 | 357.4                         | 845,300*                  | 100                          |
|                       | 105                          | 81.1                 | 360.3                         | 1,173,500                 | 84.2                 | 356.4                         | 818,800*                  | 105                          |
|                       | 110                          | 80.2                 | 359.1                         | 1,089,700                 | 83.3                 | 355.2                         | 793,900*                  | 110                          |
|                       | 115                          | 79.4                 | 357.9                         | 1,015,500                 | 82.5                 | 354.0                         | 770,400*                  | 115                          |
|                       | 120                          | 78.6                 | 356.6                         | 949,300                   | 81.7                 | 352.7                         | 748,200*                  | 120                          |
|                       | 125                          | 77.7                 | 355.3                         | 889,800                   | 80.8                 | 351.3                         | 727,300*                  | 125                          |
|                       | 130                          | 76.9                 | 353.8                         | 836,200                   | 80.0                 | 349.8                         | 707,500*                  | 130                          |
|                       | 135                          | 76.1                 | 352.3                         | 787,500                   | 79.1                 | 348.3                         | 688,700*                  | 135                          |
|                       | 140                          | 75.2                 | 350.7                         | 743,200                   | 78.3                 | 346.6                         | 670,800*                  | 140                          |
|                       | 145                          | 74.4                 | 349.0                         | 702,600                   | 77.4                 | 344.9                         | 653,900*                  | 145                          |
|                       | 150                          | 73.5                 | 347.2                         | 665,300                   | 76.6                 | 343.1                         | 637,800*                  | 150                          |
|                       | 155                          | 72.7                 | 345.3                         | 630,900                   | 75.7                 | 341.3                         | 622,400*                  | 155                          |
|                       | 160                          | 71.8                 | 343.4                         | 599,100                   | 74.8                 | 339.3                         | 607,800*                  | 160                          |
|                       | 165                          | 70.9                 | 341.4                         | 569,700                   | 74.0                 | 337.2                         | 588,800                   | 165                          |
|                       | 170                          | 70.1                 | 339.3                         | 542,200                   | 73.1                 | 335.1                         | 560,500                   | 170                          |
|                       | 175                          | 69.2                 | 337.0                         | 516,700                   | 72.2                 | 332.8                         | 534,100                   | 175                          |
|                       | 180                          | 68.3                 | 334.7                         | 492,800                   | 71.3                 | 330.5                         | 509,500                   | 180                          |
|                       | 185                          | 67.4                 | 332.3                         | 470,400                   | 70.4                 | 328.1                         | 486,400                   | 185                          |
|                       | 190                          | 66.5                 | 329.8                         | 449,300                   | 69.5                 | 325.6                         | 464,700                   | 190                          |
|                       | 195                          | 65.6                 | 327.3                         | 429,600                   | 68.6                 | 322.9                         | 444,300                   | 195                          |
|                       | 200                          | 64.7                 | 324.6                         | 410,900                   | 67.6                 | 320.2                         | 425,100                   | 200                          |
|                       | 210                          | 62.9                 | 318.9                         | 376,700                   | 65.8                 | 314.4                         | 389,700                   | 210                          |
|                       | 220                          | 61.0                 | 312.7                         | 345,900                   | 63.9                 | 308.2                         | 358,000                   | 220                          |
|                       | 230                          | 59.1                 | 306.1                         | 318,200                   | 61.9                 | 301.5                         | 329,300                   | 230                          |
|                       | 240                          | 57.1                 | 299.0                         | 293,100                   | 59.9                 | 294.2                         | 303,300                   | 240                          |
|                       | 250                          | 55.1                 | 291.4                         | 270,100                   | 57.8                 | 286.5                         | 279,600                   | 250                          |
|                       | 260                          | 53.0                 | 283.1                         | 249,100                   | 55.7                 | 278.1                         | 257,800                   | 260                          |
|                       | 270                          | 50.9                 | 274.3                         | 229,800                   | 53.5                 | 269.0                         | 237,800                   | 270                          |
|                       | 280                          | 48.6                 | 264.7                         | 212,000                   | 51.3                 | 259.3                         | 219,300                   | 280                          |
|                       | 290                          | 46.3                 | 254.3                         | 195,500                   | 48.9                 | 248.7                         | 202,100                   | 290                          |
|                       | 300                          | 43.9                 | 243.1                         | 180,200                   | 46.4                 | 237.1                         | 186,100                   | 300                          |
|                       | 310                          | 41.4                 | 230.8                         | 165,900                   | 43.8                 | 224.5                         | 171,200                   | 310                          |
|                       | 320                          | 38.7                 | 217.3                         | 152,500                   | 41.0                 | 210.6                         | 157,100                   | 320                          |
|                       | 330                          | 35.8                 | 202.3                         | 139,900                   | 38.1                 | 195.1                         | 143,900                   | 330                          |
|                       | 340                          | 32.7                 | 185.5                         | 128,000                   | 34.8                 | 177.5                         | 131,300                   | 340                          |
|                       | 350                          | 29.2                 | 166.2                         | 110,300*                  | 31.1                 | 157.2                         | 117,000*                  | 350                          |

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60' RINGER ATTACHMENT ON SCREW JACK PEDESTALS

52,000 LB. CRANE COUNTERWEIGHT

2,061,600 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 |                              |
| 203                   | 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                         | 1,182,200*                | 85.2                 | 330.6                         | 706,400*                  | 105                          |
|                       | 110                          | 80.0                 | 333.5                         | 1,108,700                 | 84.3                 | 329.3                         | 680,800*                  | 110                          |
|                       | 115                          | 79.1                 | 332.2                         | 1,034,800                 | 83.4                 | 328.0                         | 656,900*                  | 115                          |
|                       | 120                          | 78.2                 | 330.8                         | 968,800                   | 82.5                 | 326.6                         | 634,500*                  | 120                          |
|                       | 125                          | 77.3                 | 329.3                         | 909,600                   | 81.6                 | 325.1                         | 613,400*                  | 125                          |
|                       | 130                          | 76.4                 | 327.8                         | 856,100                   | 80.7                 | 323.5                         | 593,500*                  | 130                          |
|                       | 135                          | 75.5                 | 326.1                         | 807,600                   | 79.8                 | 321.8                         | 574,800*                  | 135                          |
|                       | 140                          | 74.6                 | 324.4                         | 763,400                   | 78.9                 | 320.0                         | 557,200*                  | 140                          |
|                       | 145                          | 73.6                 | 322.5                         | 723,000                   | 77.9                 | 318.2                         | 540,500*                  | 145                          |
|                       | 150                          | 72.7                 | 320.6                         | 685,800                   | 77.0                 | 316.2                         | 524,600*                  | 150                          |
|                       | 155                          | 71.8                 | 318.6                         | 651,600                   | 76.0                 | 314.2                         | 509,600*                  | 155                          |
|                       | 160                          | 70.8                 | 316.5                         | 619,900                   | 75.1                 | 312.0                         | 495,400*                  | 160                          |
|                       | 165                          | 69.9                 | 314.3                         | 590,500                   | 74.1                 | 309.8                         | 481,800*                  | 165                          |
|                       | 170                          | 69.0                 | 311.9                         | 563,100                   | 73.2                 | 307.4                         | 468,900*                  | 170                          |
|                       | 175                          | 68.0                 | 309.5                         | 537,700                   | 72.2                 | 305.0                         | 456,600*                  | 175                          |
|                       | 180                          | 67.0                 | 307.0                         | 513,800                   | 71.2                 | 302.4                         | 444,900*                  | 180                          |
|                       | 185                          | 66.1                 | 304.4                         | 491,500                   | 70.2                 | 299.8                         | 433,700*                  | 185                          |
|                       | 190                          | 65.1                 | 301.7                         | 470,500                   | 69.2                 | 297.0                         | 423,000*                  | 190                          |
|                       | 195                          | 64.1                 | 298.8                         | 450,800                   | 68.2                 | 294.1                         | 412,700*                  | 195                          |
|                       | 200                          | 63.1                 | 295.8                         | 432,200                   | 67.2                 | 291.1                         | 402,900*                  | 200                          |
|                       | 210                          | 61.0                 | 289.6                         | 398,100                   | 65.1                 | 284.7                         | 384,500*                  | 210                          |
|                       | 220                          | 59.0                 | 282.8                         | 367,400                   | 63.0                 | 277.7                         | 367,600*                  | 220                          |
|                       | 230                          | 56.8                 | 275.4                         | 339,800                   | 60.8                 | 270.2                         | 351,700                   | 230                          |
|                       | 240                          | 54.6                 | 267.4                         | 314,700                   | 58.6                 | 262.1                         | 325,700                   | 240                          |
|                       | 250                          | 52.3                 | 258.8                         | 291,800                   | 56.3                 | 253.3                         | 301,900                   | 250                          |
|                       | 260                          | 50.0                 | 249.5                         | 270,800                   | 53.8                 | 243.7                         | 280,100                   | 260                          |
|                       | 270                          | 47.5                 | 239.3                         | 251,500                   | 51.3                 | 233.3                         | 260,000                   | 270                          |
|                       | 280                          | 44.9                 | 228.2                         | 233,700                   | 48.7                 | 221.9                         | 241,300                   | 280                          |
|                       | 290                          | 42.2                 | 216.0                         | 217,200                   | 45.9                 | 209.3                         | 224,000                   | 290                          |
|                       | 300                          | 39.3                 | 202.5                         | 201,800                   | 42.9                 | 195.3                         | 207,900                   | 300                          |
|                       | 310                          | 36.2                 | 187.4                         | 184,500*                  | 39.6                 | 179.6                         | 192,700                   | 310                          |
|                       | 320                          | 32.8                 | 170.3                         | 161,700*                  | 36.0                 | 161.5                         | 174,400*                  | 320                          |
|                       | 330                          | 28.9                 | 150.3                         | 138,800*                  | 31.9                 | 140.2                         | 150,100*                  | 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

MAST NO. 75 OR NO. 75A

60' RINGER ATTACHMENT ON SCREW JACK PEDESTALS

52,000 LB. CRANE COUNTERWEIGHT

2,061,600 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                         | 1,376,800*                |                      |                               |                           | 95                           |
|                       | 100                          | 82.3                 | 361.4                         | 1,280,300                 |                      |                               |                           | 100                          |
|                       | 105                          | 81.5                 | 360.3                         | 1,185,100                 | 85.6                 | 355.9                         | 743,200*                  | 105                          |
|                       | 110                          | 80.7                 | 359.2                         | 1,101,400                 | 84.7                 | 354.8                         | 718,400*                  | 110                          |
|                       | 115                          | 79.9                 | 358.0                         | 1,027,300                 | 83.9                 | 353.6                         | 695,100*                  | 115                          |
|                       | 120                          | 79.0                 | 356.7                         | 961,200                   | 83.1                 | 352.3                         | 673,200*                  | 120                          |
|                       | 125                          | 78.2                 | 355.3                         | 901,800                   | 82.2                 | 350.9                         | 652,600*                  | 125                          |
|                       | 130                          | 77.4                 | 353.9                         | 848,200                   | 81.4                 | 349.4                         | 633,200*                  | 130                          |
|                       | 135                          | 76.5                 | 352.3                         | 799,600                   | 80.5                 | 347.8                         | 614,800*                  | 135                          |
|                       | 140                          | 75.7                 | 350.7                         | 755,300                   | 79.7                 | 346.2                         | 597,400*                  | 140                          |
|                       | 145                          | 74.8                 | 349.0                         | 714,800                   | 78.8                 | 344.5                         | 580,900*                  | 145                          |
|                       | 150                          | 74.0                 | 347.3                         | 677,600                   | 78.0                 | 342.7                         | 565,300*                  | 150                          |
|                       | 155                          | 73.1                 | 345.4                         | 643,200                   | 77.1                 | 340.8                         | 550,500*                  | 155                          |
|                       | 160                          | 72.3                 | 343.5                         | 611,500                   | 76.2                 | 338.9                         | 536,300*                  | 160                          |
|                       | 165                          | 71.4                 | 341.4                         | 582,000                   | 75.3                 | 336.8                         | 522,900*                  | 165                          |
|                       | 170                          | 70.5                 | 339.3                         | 554,700                   | 74.5                 | 334.6                         | 510,000*                  | 170                          |
|                       | 175                          | 69.7                 | 337.1                         | 529,100                   | 73.6                 | 332.4                         | 497,800*                  | 175                          |
|                       | 180                          | 68.8                 | 334.8                         | 505,200                   | 72.7                 | 330.1                         | 486,100*                  | 180                          |
|                       | 185                          | 67.9                 | 332.4                         | 482,900                   | 71.8                 | 327.6                         | 474,500*                  | 185                          |
|                       | 190                          | 67.0                 | 329.9                         | 461,900                   | 70.9                 | 325.1                         | 463,300*                  | 190                          |
|                       | 195                          | 66.1                 | 327.3                         | 442,100                   | 69.9                 | 322.5                         | 452,600*                  | 195                          |
|                       | 200                          | 65.2                 | 324.6                         | 423,500                   | 69.0                 | 319.7                         | 440,400                   | 200                          |
|                       | 210                          | 63.3                 | 318.9                         | 389,300                   | 67.1                 | 313.9                         | 404,900                   | 210                          |
|                       | 220                          | 61.4                 | 312.8                         | 358,600                   | 65.2                 | 307.7                         | 373,100                   | 220                          |
|                       | 230                          | 59.5                 | 306.2                         | 330,900                   | 63.3                 | 301.0                         | 344,300                   | 230                          |
|                       | 240                          | 57.6                 | 299.1                         | 305,800                   | 61.3                 | 293.7                         | 318,200                   | 240                          |
|                       | 250                          | 55.5                 | 291.4                         | 282,900                   | 59.2                 | 285.9                         | 294,400                   | 250                          |
|                       | 260                          | 53.5                 | 283.2                         | 262,000                   | 57.1                 | 277.5                         | 272,600                   | 260                          |
|                       | 270                          | 51.3                 | 274.3                         | 242,700                   | 54.9                 | 268.5                         | 252,500                   | 270                          |
|                       | 280                          | 49.1                 | 264.8                         | 224,900                   | 52.6                 | 258.7                         | 233,900                   | 280                          |
|                       | 290                          | 46.8                 | 254.4                         | 208,500                   | 50.3                 | 248.1                         | 216,700                   | 290                          |
|                       | 300                          | 44.4                 | 243.2                         | 193,100                   | 47.8                 | 236.5                         | 200,600                   | 300                          |
|                       | 310                          | 41.8                 | 230.9                         | 178,900                   | 45.2                 | 223.8                         | 185,600                   | 310                          |
|                       | 320                          | 39.1                 | 217.4                         | 165,500                   | 42.4                 | 209.9                         | 171,500                   | 320                          |
|                       | 330                          | 36.3                 | 202.4                         | 152,900                   | 39.4                 | 194.3                         | 158,200                   | 330                          |
|                       | 340                          | 33.1                 | 185.6                         | 136,400*                  | 36.1                 | 176.7                         | 145,600                   | 340                          |
|                       | 350                          | 29.6                 | 166.4                         | 116,500*                  | 32.4                 | 156.2                         | 126,800*                  | 350                          |
|                       | 360                          |                      |                               |                           | 28.1                 | 131.5                         | 104,800*                  | 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

MAST NO. 75 OR NO. 75A

60' RINGER ATTACHMENT ON SCREW JACK PEDESTALS

52,000 LB. CRANE COUNTERWEIGHT

2,061,600 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>5<br>3           | 80                           | 85.9                 | 390.1                         | 1,602,600*                |                      |                               |                           | 80                           |
|                       | 85                           | 85.1                 | 389.4                         | 1,592,900*                |                      |                               |                           | 85                           |
|                       | 90                           | 84.4                 | 388.6                         | 1,500,300*                |                      |                               |                           | 90                           |
|                       | 95                           | 83.6                 | 387.8                         | 1,382,700                 |                      |                               |                           | 95                           |
|                       | 100                          | 82.8                 | 386.8                         | 1,273,100                 |                      |                               |                           | 100                          |
|                       | 105                          | 82.1                 | 385.8                         | 1,177,600                 | 85.9                 | 381.3                         | 754,400*                  | 105                          |
|                       | 110                          | 81.3                 | 384.8                         | 1,093,600                 | 85.1                 | 380.2                         | 730,600*                  | 110                          |
|                       | 115                          | 80.5                 | 383.6                         | 1,019,300                 | 84.3                 | 379.1                         | 708,100*                  | 115                          |
|                       | 120                          | 79.8                 | 382.4                         | 952,900                   | 83.5                 | 377.8                         | 687,000*                  | 120                          |
|                       | 125                          | 79.0                 | 381.2                         | 893,400                   | 82.8                 | 376.5                         | 667,000*                  | 125                          |
|                       | 130                          | 78.2                 | 379.8                         | 839,700                   | 82.0                 | 375.2                         | 648,100*                  | 130                          |
|                       | 135                          | 77.4                 | 378.4                         | 790,900                   | 81.2                 | 373.7                         | 630,200*                  | 135                          |
|                       | 140                          | 76.7                 | 376.9                         | 746,500                   | 80.4                 | 372.2                         | 613,200*                  | 140                          |
|                       | 145                          | 75.9                 | 375.3                         | 705,800                   | 79.6                 | 370.6                         | 597,000*                  | 145                          |
|                       | 150                          | 75.1                 | 373.7                         | 668,500                   | 78.8                 | 369.0                         | 581,700*                  | 150                          |
|                       | 155                          | 74.3                 | 372.0                         | 634,100                   | 78.0                 | 367.2                         | 567,000*                  | 155                          |
|                       | 160                          | 73.5                 | 370.2                         | 602,200                   | 77.2                 | 365.4                         | 553,100*                  | 160                          |
|                       | 165                          | 72.7                 | 368.3                         | 572,700                   | 76.4                 | 363.5                         | 539,800*                  | 165                          |
|                       | 170                          | 71.9                 | 366.3                         | 545,200                   | 75.6                 | 361.5                         | 527,100*                  | 170                          |
|                       | 175                          | 71.1                 | 364.3                         | 519,600                   | 74.7                 | 359.4                         | 514,900*                  | 175                          |
|                       | 180                          | 70.3                 | 362.2                         | 495,700                   | 73.9                 | 357.3                         | 503,300*                  | 180                          |
|                       | 185                          | 69.4                 | 360.0                         | 473,300                   | 73.1                 | 355.1                         | 492,200*                  | 185                          |
|                       | 190                          | 68.6                 | 357.7                         | 452,200                   | 72.2                 | 352.7                         | 472,300                   | 190                          |
|                       | 195                          | 67.8                 | 355.3                         | 432,400                   | 71.4                 | 350.3                         | 451,800                   | 195                          |
|                       | 200                          | 66.9                 | 352.8                         | 413,700                   | 70.6                 | 347.8                         | 432,400                   | 200                          |
|                       | 210                          | 65.3                 | 347.6                         | 379,400                   | 68.8                 | 342.5                         | 396,700                   | 210                          |
|                       | 220                          | 63.5                 | 342.0                         | 348,700                   | 67.1                 | 336.8                         | 364,800                   | 220                          |
|                       | 230                          | 61.8                 | 336.0                         | 321,000                   | 65.3                 | 330.7                         | 335,900                   | 230                          |
|                       | 240                          | 60.0                 | 329.5                         | 295,800                   | 63.5                 | 324.1                         | 309,700                   | 240                          |
|                       | 250                          | 58.2                 | 322.6                         | 272,900                   | 61.7                 | 317.1                         | 285,800                   | 250                          |
|                       | 260                          | 56.3                 | 315.2                         | 251,900                   | 59.8                 | 309.6                         | 263,900                   | 260                          |
|                       | 270                          | 54.4                 | 307.3                         | 232,600                   | 57.8                 | 301.6                         | 243,800                   | 270                          |
|                       | 280                          | 52.4                 | 298.9                         | 214,800                   | 55.8                 | 292.9                         | 225,200                   | 280                          |
|                       | 290                          | 50.4                 | 289.8                         | 198,300                   | 53.7                 | 283.6                         | 207,900                   | 290                          |
|                       | 300                          | 48.3                 | 280.0                         | 183,000                   | 51.6                 | 273.6                         | 191,900                   | 300                          |
|                       | 310                          | 46.2                 | 269.5                         | 168,800                   | 49.4                 | 262.9                         | 176,900                   | 310                          |
|                       | 320                          | 43.9                 | 258.1                         | 155,400                   | 47.0                 | 251.2                         | 162,900                   | 320                          |
|                       | 330                          | 41.5                 | 245.8                         | 143,000                   | 44.6                 | 238.4                         | 149,700                   | 330                          |
|                       | 340                          | 39.0                 | 232.3                         | 131,200                   | 42.0                 | 224.5                         | 137,300                   | 340                          |
|                       | 350                          | 36.3                 | 217.5                         | 120,100                   | 39.2                 | 209.1                         | 125,500                   | 350                          |
|                       | 360                          | 33.4                 | 200.9                         | 108,200*                  | 36.1                 | 191.8                         | 114,300                   | 360                          |
|                       | 370                          |                      |                               |                           | 32.8                 | 172.0                         | 100,200*                  | 370                          |

# 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

MAST NO. 75 OR NO. 75A

60' RINGER ATTACHMENT ON SCREW JACK PEDESTALS

52,000 LB. CRANE COUNTERWEIGHT

2,061,600 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                         | 882,700*                  | 83.7                 | 350.6                         | 585,000*                  | 125                          |
|                       | 130                          | 77.9                 | 353.9                         | 844,700*                  | 82.8                 | 349.1                         | 565,600*                  | 130                          |
|                       | 135                          | 77.1                 | 352.4                         | 809,600*                  | 82.0                 | 347.6                         | 547,300*                  | 135                          |
|                       | 140                          | 76.2                 | 350.7                         | 767,600                   | 81.1                 | 346.0                         | 530,100*                  | 140                          |
|                       | 145                          | 75.4                 | 349.1                         | 727,100                   | 80.3                 | 344.2                         | 513,700*                  | 145                          |
|                       | 150                          | 74.5                 | 347.3                         | 689,900                   | 79.4                 | 342.4                         | 498,300*                  | 150                          |
|                       | 155                          | 73.7                 | 345.4                         | 655,600                   | 78.5                 | 340.6                         | 483,600*                  | 155                          |
|                       | 160                          | 72.8                 | 343.5                         | 623,800                   | 77.7                 | 338.6                         | 469,700*                  | 160                          |
|                       | 165                          | 72.0                 | 341.4                         | 594,400                   | 76.8                 | 336.5                         | 456,400*                  | 165                          |
|                       | 170                          | 71.1                 | 339.3                         | 567,000                   | 75.9                 | 334.4                         | 443,800*                  | 170                          |
|                       | 175                          | 70.2                 | 337.1                         | 541,500                   | 75.0                 | 332.1                         | 431,800*                  | 175                          |
|                       | 180                          | 69.3                 | 334.8                         | 517,600                   | 74.1                 | 329.8                         | 420,300*                  | 180                          |
|                       | 185                          | 68.4                 | 332.4                         | 495,200                   | 73.2                 | 327.4                         | 409,400*                  | 185                          |
|                       | 190                          | 67.5                 | 329.9                         | 474,300                   | 72.3                 | 324.8                         | 398,900*                  | 190                          |
|                       | 195                          | 66.6                 | 327.3                         | 454,500                   | 71.4                 | 322.2                         | 388,900*                  | 195                          |
|                       | 200                          | 65.7                 | 324.6                         | 435,900                   | 70.5                 | 319.5                         | 379,300*                  | 200                          |
|                       | 210                          | 63.9                 | 318.9                         | 401,700                   | 68.6                 | 313.7                         | 361,200*                  | 210                          |
|                       | 220                          | 62.0                 | 312.8                         | 371,000                   | 66.7                 | 307.4                         | 344,600*                  | 220                          |
|                       | 230                          | 60.1                 | 306.2                         | 343,400                   | 64.7                 | 300.7                         | 329,300*                  | 230                          |
|                       | 240                          | 58.1                 | 299.1                         | 318,300                   | 62.7                 | 293.4                         | 315,100*                  | 240                          |
|                       | 250                          | 56.1                 | 291.4                         | 295,400                   | 60.6                 | 285.6                         | 301,900*                  | 250                          |
|                       | 260                          | 54.0                 | 283.2                         | 274,400                   | 58.5                 | 277.2                         | 285,600                   | 260                          |
|                       | 270                          | 51.9                 | 274.4                         | 255,200                   | 56.3                 | 268.2                         | 265,500                   | 270                          |
|                       | 280                          | 49.7                 | 264.8                         | 237,400                   | 54.1                 | 258.3                         | 246,900                   | 280                          |
|                       | 290                          | 47.3                 | 254.4                         | 220,900                   | 51.7                 | 247.7                         | 229,600                   | 290                          |
|                       | 300                          | 44.9                 | 243.2                         | 205,600                   | 49.2                 | 236.1                         | 213,500                   | 300                          |
|                       | 310                          | 42.4                 | 230.9                         | 191,300                   | 46.6                 | 223.4                         | 198,400                   | 310                          |
|                       | 320                          | 39.7                 | 217.4                         | 178,000                   | 43.8                 | 209.4                         | 184,300                   | 320                          |
|                       | 330                          | 36.8                 | 202.5                         | 160,000*                  | 40.8                 | 193.8                         | 171,000                   | 330                          |
|                       | 340                          | 33.7                 | 185.7                         | 140,200*                  | 37.5                 | 176.1                         | 153,700*                  | 340                          |
|                       | 350                          | 30.2                 | 166.4                         | 120,400*                  | 33.8                 | 155.6                         | 132,600*                  | 350                          |
|                       | 360                          |                      |                               |                           | 29.4                 | 130.8                         | 110,500*                  | 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

MAST NO. 75 OR NO. 75A

60' RINGER ATTACHMENT ON SCREW JACK PEDESTALS

52,000 LB. CRANE COUNTERWEIGHT

2,061,600 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>2<br>8           | 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                         | 1,098,300*                |                      |                               |                           | 110                          |
|                       | 115                          | 81.1                 | 383.6                         | 1,032,300                 | 85.7                 | 378.7                         | 642,300*                  | 115                          |
|                       | 120                          | 80.3                 | 382.4                         | 966,000                   | 84.9                 | 377.5                         | 621,500*                  | 120                          |
|                       | 125                          | 79.5                 | 381.2                         | 906,500                   | 84.1                 | 376.2                         | 601,900*                  | 125                          |
|                       | 130                          | 78.7                 | 379.8                         | 852,800                   | 83.3                 | 374.8                         | 583,400*                  | 130                          |
|                       | 135                          | 78.0                 | 378.4                         | 804,100                   | 82.5                 | 373.4                         | 566,000*                  | 135                          |
|                       | 140                          | 77.2                 | 376.9                         | 759,700                   | 81.7                 | 371.9                         | 549,400*                  | 140                          |
|                       | 145                          | 76.4                 | 375.3                         | 719,100                   | 81.0                 | 370.3                         | 533,800*                  | 145                          |
|                       | 150                          | 75.6                 | 373.7                         | 681,800                   | 80.2                 | 368.6                         | 518,900*                  | 150                          |
|                       | 155                          | 74.8                 | 372.0                         | 647,400                   | 79.3                 | 366.9                         | 504,800*                  | 155                          |
|                       | 160                          | 74.0                 | 370.2                         | 615,600                   | 78.5                 | 365.1                         | 491,300*                  | 160                          |
|                       | 165                          | 73.2                 | 368.3                         | 586,100                   | 77.7                 | 363.1                         | 478,500*                  | 165                          |
|                       | 170                          | 72.4                 | 366.3                         | 558,700                   | 76.9                 | 361.2                         | 466,300*                  | 170                          |
|                       | 175                          | 71.6                 | 364.3                         | 533,100                   | 76.1                 | 359.1                         | 454,600*                  | 175                          |
|                       | 180                          | 70.8                 | 362.2                         | 509,200                   | 75.3                 | 356.9                         | 443,500*                  | 180                          |
|                       | 185                          | 70.0                 | 360.0                         | 486,700                   | 74.4                 | 354.7                         | 432,900*                  | 185                          |
|                       | 190                          | 69.1                 | 357.7                         | 465,700                   | 73.6                 | 352.4                         | 422,700*                  | 190                          |
|                       | 195                          | 68.3                 | 355.3                         | 445,900                   | 72.7                 | 349.9                         | 412,900*                  | 195                          |
|                       | 200                          | 67.5                 | 352.8                         | 427,300                   | 71.9                 | 347.4                         | 403,500*                  | 200                          |
|                       | 210                          | 65.8                 | 347.6                         | 393,000                   | 70.2                 | 342.1                         | 385,900*                  | 210                          |
|                       | 220                          | 64.1                 | 342.0                         | 362,300                   | 68.4                 | 336.4                         | 369,700*                  | 220                          |
|                       | 230                          | 62.3                 | 336.0                         | 334,600                   | 66.7                 | 330.3                         | 350,400                   | 230                          |
|                       | 240                          | 60.5                 | 329.5                         | 309,400                   | 64.8                 | 323.7                         | 324,100                   | 240                          |
|                       | 250                          | 58.7                 | 322.6                         | 286,500                   | 63.0                 | 316.7                         | 300,200                   | 250                          |
|                       | 260                          | 56.8                 | 315.2                         | 265,600                   | 61.1                 | 309.2                         | 278,300                   | 260                          |
|                       | 270                          | 54.9                 | 307.3                         | 246,300                   | 59.1                 | 301.1                         | 258,100                   | 270                          |
|                       | 280                          | 53.0                 | 298.9                         | 228,500                   | 57.1                 | 292.5                         | 239,500                   | 280                          |
|                       | 290                          | 50.9                 | 289.8                         | 212,100                   | 55.1                 | 283.2                         | 222,200                   | 290                          |
|                       | 300                          | 48.8                 | 280.0                         | 196,800                   | 52.9                 | 273.2                         | 206,100                   | 300                          |
|                       | 310                          | 46.7                 | 269.5                         | 182,500                   | 50.7                 | 262.4                         | 191,100                   | 310                          |
|                       | 320                          | 44.4                 | 258.1                         | 169,200                   | 48.3                 | 250.7                         | 177,100                   | 320                          |
|                       | 330                          | 42.0                 | 245.8                         | 156,800                   | 45.9                 | 237.9                         | 163,800                   | 330                          |
|                       | 340                          | 39.5                 | 232.3                         | 145,000                   | 43.3                 | 223.9                         | 151,400                   | 340                          |
|                       | 350                          | 36.8                 | 217.5                         | 134,000                   | 40.5                 | 208.4                         | 139,600                   | 350                          |
|                       | 360                          | 33.9                 | 200.9                         | 116,800*                  | 37.4                 | 191.1                         | 128,300                   | 360                          |
|                       | 370                          |                      |                               |                           | 34.0                 | 171.2                         | 110,400*                  | 370                          |

# 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

MAST NO. 75 OR NO. 75A

60' RINGER ATTACHMENT ON SCREW JACK PEDESTALS

52,000 LB. CRANE COUNTERWEIGHT

2,061,600 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                         | 1,263,200*                |                      |                               |                           | 100                          |
|                       | 105                          | 83.1                 | 411.3                         | 1,183,400                 |                      |                               |                           | 105                          |
|                       | 110                          | 82.3                 | 410.3                         | 1,099,300                 |                      |                               |                           | 110                          |
|                       | 115                          | 81.6                 | 409.2                         | 1,024,700                 | 86.0                 | 404.1                         | 651,600*                  | 115                          |
|                       | 120                          | 80.9                 | 408.1                         | 958,200                   | 85.2                 | 402.9                         | 631,600*                  | 120                          |
|                       | 125                          | 80.2                 | 406.9                         | 898,600                   | 84.5                 | 401.7                         | 612,700*                  | 125                          |
|                       | 130                          | 79.4                 | 405.6                         | 844,700                   | 83.8                 | 400.4                         | 594,700*                  | 130                          |
|                       | 135                          | 78.7                 | 404.3                         | 795,800                   | 83.0                 | 399.1                         | 577,800*                  | 135                          |
|                       | 140                          | 78.0                 | 402.9                         | 751,300                   | 82.3                 | 397.7                         | 561,700*                  | 140                          |
|                       | 145                          | 77.3                 | 401.4                         | 710,500                   | 81.5                 | 396.2                         | 546,400*                  | 145                          |
|                       | 150                          | 76.5                 | 399.9                         | 673,100                   | 80.8                 | 394.6                         | 531,900*                  | 150                          |
|                       | 155                          | 75.8                 | 398.3                         | 638,600                   | 80.0                 | 393.0                         | 518,000*                  | 155                          |
|                       | 160                          | 75.0                 | 396.6                         | 606,700                   | 79.3                 | 391.3                         | 504,800*                  | 160                          |
|                       | 165                          | 74.3                 | 394.9                         | 577,100                   | 78.5                 | 389.5                         | 492,200*                  | 165                          |
|                       | 170                          | 73.5                 | 393.1                         | 549,500                   | 77.8                 | 387.7                         | 480,200*                  | 170                          |
|                       | 175                          | 72.8                 | 391.2                         | 523,900                   | 77.0                 | 385.8                         | 468,700*                  | 175                          |
|                       | 180                          | 72.0                 | 389.2                         | 499,900                   | 76.2                 | 383.8                         | 457,600*                  | 180                          |
|                       | 185                          | 71.3                 | 387.1                         | 477,400                   | 75.5                 | 381.7                         | 447,100*                  | 185                          |
|                       | 190                          | 70.5                 | 385.0                         | 456,300                   | 74.7                 | 379.5                         | 437,000*                  | 190                          |
|                       | 195                          | 69.7                 | 382.8                         | 436,400                   | 73.9                 | 377.3                         | 427,300*                  | 195                          |
|                       | 200                          | 69.0                 | 380.5                         | 417,700                   | 73.1                 | 375.0                         | 418,000*                  | 200                          |
|                       | 210                          | 67.4                 | 375.7                         | 383,400                   | 71.5                 | 370.1                         | 400,400*                  | 210                          |
|                       | 220                          | 65.8                 | 370.5                         | 352,600                   | 69.9                 | 364.8                         | 371,500                   | 220                          |
|                       | 230                          | 64.2                 | 365.0                         | 324,800                   | 68.3                 | 359.2                         | 342,400                   | 230                          |
|                       | 240                          | 62.6                 | 359.1                         | 299,600                   | 66.6                 | 353.2                         | 316,000                   | 240                          |
|                       | 250                          | 60.9                 | 352.8                         | 276,600                   | 64.9                 | 346.8                         | 292,000                   | 250                          |
|                       | 260                          | 59.2                 | 346.1                         | 255,600                   | 63.2                 | 340.0                         | 269,900                   | 260                          |
|                       | 270                          | 57.5                 | 338.9                         | 236,300                   | 61.5                 | 332.7                         | 249,700                   | 270                          |
|                       | 280                          | 55.7                 | 331.3                         | 218,500                   | 59.7                 | 324.9                         | 231,000                   | 280                          |
|                       | 290                          | 53.9                 | 323.2                         | 202,000                   | 57.8                 | 316.6                         | 213,600                   | 290                          |
|                       | 300                          | 52.0                 | 314.5                         | 186,700                   | 55.9                 | 307.7                         | 197,500                   | 300                          |
|                       | 310                          | 50.1                 | 305.2                         | 172,500                   | 53.9                 | 298.2                         | 182,500                   | 310                          |
|                       | 320                          | 48.1                 | 295.2                         | 159,200                   | 51.9                 | 288.0                         | 167,500*                  | 320                          |
|                       | 330                          | 46.1                 | 284.6                         | 146,700                   | 49.8                 | 277.0                         | 155,200*                  | 330                          |
|                       | 340                          | 43.9                 | 273.1                         | 135,000                   | 47.6                 | 265.2                         | 142,800*                  | 340                          |
|                       | 350                          | 41.7                 | 260.7                         | 124,000                   | 45.3                 | 252.4                         | 131,100*                  | 350                          |
|                       | 360                          | 39.3                 | 247.2                         | 113,600                   | 42.8                 | 238.4                         | 120,000*                  | 360                          |
|                       | 370                          | 36.8                 | 232.5                         | 103,800                   | 40.2                 | 223.1                         | 109,400*                  | 370                          |

# 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

MAST NO. 75 OR NO. 75A

60' RINGER ATTACHMENT ON SCREW JACK PEDESTALS

52,000 LB. CRANE COUNTERWEIGHT

2,061,600 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                         | 576,700*                  | 120                          |
|                       | 125                          | 80.0                 | 381.2                         | 799,900*                  | 85.3                 | 376.4                         | 556,900*                  | 125                          |
|                       | 130                          | 79.3                 | 379.8                         | 764,700*                  | 84.5                 | 375.0                         | 538,300*                  | 130                          |
|                       | 135                          | 78.5                 | 378.4                         | 732,200*                  | 83.7                 | 373.6                         | 520,700*                  | 135                          |
|                       | 140                          | 77.7                 | 376.9                         | 702,000*                  | 82.9                 | 372.0                         | 504,200*                  | 140                          |
|                       | 145                          | 76.9                 | 375.4                         | 674,000*                  | 82.1                 | 370.5                         | 488,600*                  | 145                          |
|                       | 150                          | 76.1                 | 373.7                         | 647,800*                  | 81.3                 | 368.8                         | 473,800*                  | 150                          |
|                       | 155                          | 75.3                 | 372.0                         | 623,400*                  | 80.5                 | 367.0                         | 459,800*                  | 155                          |
|                       | 160                          | 74.5                 | 370.2                         | 600,600*                  | 79.7                 | 365.2                         | 446,400*                  | 160                          |
|                       | 165                          | 73.7                 | 368.3                         | 579,100*                  | 78.9                 | 363.3                         | 433,800*                  | 165                          |
|                       | 170                          | 72.9                 | 366.4                         | 558,900*                  | 78.1                 | 361.3                         | 421,800*                  | 170                          |
|                       | 175                          | 72.1                 | 364.3                         | 539,900*                  | 77.3                 | 359.3                         | 410,300*                  | 175                          |
|                       | 180                          | 71.3                 | 362.2                         | 519,100                   | 76.4                 | 357.1                         | 399,400*                  | 180                          |
|                       | 185                          | 70.5                 | 360.0                         | 496,700                   | 75.6                 | 354.9                         | 388,900*                  | 185                          |
|                       | 190                          | 69.7                 | 357.7                         | 475,700                   | 74.8                 | 352.5                         | 378,900*                  | 190                          |
|                       | 195                          | 68.8                 | 355.3                         | 455,900                   | 73.9                 | 350.1                         | 369,400*                  | 195                          |
|                       | 200                          | 68.0                 | 352.8                         | 437,300                   | 73.1                 | 347.6                         | 360,300*                  | 200                          |
|                       | 210                          | 66.3                 | 347.6                         | 403,000                   | 71.3                 | 342.3                         | 343,100*                  | 210                          |
|                       | 220                          | 64.6                 | 342.0                         | 372,300                   | 69.6                 | 336.6                         | 327,300*                  | 220                          |
|                       | 230                          | 62.8                 | 336.0                         | 344,600                   | 67.8                 | 330.5                         | 312,800*                  | 230                          |
|                       | 240                          | 61.1                 | 329.6                         | 319,500                   | 66.0                 | 323.9                         | 299,300*                  | 240                          |
|                       | 250                          | 59.2                 | 322.7                         | 296,600                   | 64.2                 | 316.9                         | 286,800*                  | 250                          |
|                       | 260                          | 57.4                 | 315.3                         | 275,600                   | 62.3                 | 309.4                         | 275,100*                  | 260                          |
|                       | 270                          | 55.5                 | 307.4                         | 256,400                   | 60.3                 | 301.3                         | 263,600*                  | 270                          |
|                       | 280                          | 53.5                 | 298.9                         | 238,600                   | 58.3                 | 292.7                         | 250,300                   | 280                          |
|                       | 290                          | 51.5                 | 289.8                         | 222,200                   | 56.2                 | 283.4                         | 233,100                   | 290                          |
|                       | 300                          | 49.4                 | 280.1                         | 206,900                   | 54.1                 | 273.4                         | 217,000                   | 300                          |
|                       | 310                          | 47.2                 | 269.6                         | 192,700                   | 51.8                 | 262.6                         | 202,000                   | 310                          |
|                       | 320                          | 44.9                 | 258.2                         | 179,400                   | 49.5                 | 250.9                         | 188,000                   | 320                          |
|                       | 330                          | 42.5                 | 245.8                         | 166,900                   | 47.1                 | 238.2                         | 174,800                   | 330                          |
|                       | 340                          | 40.0                 | 232.4                         | 153,200*                  | 44.4                 | 224.2                         | 162,400                   | 340                          |
|                       | 350                          | 37.3                 | 217.5                         | 135,500*                  | 41.7                 | 208.7                         | 150,600                   | 350                          |
|                       | 360                          | 34.5                 | 201.0                         | 118,200*                  | 38.6                 | 191.4                         | 133,500*                  | 360                          |
|                       | 370                          | 31.3                 | 182.3                         | 100,900*                  | 35.2                 | 171.6                         | 115,100*                  | 370                          |

# MANITOWOC ENGINEERING CO.

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## LIFTCRANE JIB CAPACITIES

M-1200

JIB NO. 75 WITH 82'6" STRUT ON

BOOM NO. 72 OR NO. 72A

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60' RINGER ATTACHMENT ON SCREW JACK PEDESTALS

52,000 LB. CRANE COUNTERWEIGHT

2,061,600 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 |                              |
| 228                   | 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                         | 568,200*                  | 125                          |
|                       | 130                          | 79.9                 | 405.6                         | 827,200*                  | 84.8                 | 400.5                         | 550,100*                  | 130                          |
|                       | 135                          | 79.2                 | 404.3                         | 793,100*                  | 84.1                 | 399.2                         | 533,000*                  | 135                          |
|                       | 140                          | 78.5                 | 402.9                         | 761,300*                  | 83.4                 | 397.8                         | 516,800*                  | 140                          |
|                       | 145                          | 77.7                 | 401.5                         | 721,200                   | 82.6                 | 396.3                         | 501,500*                  | 145                          |
|                       | 150                          | 77.0                 | 399.9                         | 683,800                   | 81.9                 | 394.7                         | 487,000*                  | 150                          |
|                       | 155                          | 76.3                 | 398.3                         | 649,300                   | 81.1                 | 393.1                         | 473,200*                  | 155                          |
|                       | 160                          | 75.5                 | 396.6                         | 617,500                   | 80.4                 | 391.4                         | 460,100*                  | 160                          |
|                       | 165                          | 74.8                 | 394.9                         | 587,900                   | 79.6                 | 389.6                         | 447,600*                  | 165                          |
|                       | 170                          | 74.0                 | 393.1                         | 560,400                   | 78.9                 | 387.8                         | 435,700*                  | 170                          |
|                       | 175                          | 73.3                 | 391.2                         | 534,800                   | 78.1                 | 385.9                         | 424,400*                  | 175                          |
|                       | 180                          | 72.5                 | 389.2                         | 510,800                   | 77.3                 | 383.9                         | 413,500*                  | 180                          |
|                       | 185                          | 71.8                 | 387.1                         | 488,400                   | 76.6                 | 381.8                         | 403,100*                  | 185                          |
|                       | 190                          | 71.0                 | 385.0                         | 467,300                   | 75.8                 | 379.6                         | 393,200*                  | 190                          |
|                       | 195                          | 70.2                 | 382.8                         | 447,500                   | 75.0                 | 377.4                         | 383,700*                  | 195                          |
|                       | 200                          | 69.5                 | 380.5                         | 428,800                   | 74.2                 | 375.0                         | 374,600*                  | 200                          |
|                       | 210                          | 67.9                 | 375.7                         | 394,500                   | 72.6                 | 370.2                         | 357,400*                  | 210                          |
|                       | 220                          | 66.3                 | 370.5                         | 363,700                   | 71.0                 | 364.9                         | 341,600*                  | 220                          |
|                       | 230                          | 64.7                 | 365.0                         | 335,900                   | 69.4                 | 359.3                         | 326,900*                  | 230                          |
|                       | 240                          | 63.1                 | 359.1                         | 310,800                   | 67.7                 | 353.3                         | 313,300*                  | 240                          |
|                       | 250                          | 61.4                 | 352.8                         | 287,800                   | 66.0                 | 346.9                         | 300,700*                  | 250                          |
|                       | 260                          | 59.7                 | 346.1                         | 266,800                   | 64.3                 | 340.0                         | 281,900                   | 260                          |
|                       | 270                          | 58.0                 | 338.9                         | 247,600                   | 62.5                 | 332.8                         | 261,700                   | 270                          |
|                       | 280                          | 56.2                 | 331.3                         | 229,800                   | 60.7                 | 325.0                         | 243,000                   | 280                          |
|                       | 290                          | 54.4                 | 323.2                         | 213,300                   | 58.9                 | 316.7                         | 225,700                   | 290                          |
|                       | 300                          | 52.5                 | 314.5                         | 198,100                   | 57.0                 | 307.8                         | 209,600                   | 300                          |
|                       | 310                          | 50.6                 | 305.2                         | 183,800                   | 55.0                 | 298.3                         | 194,600                   | 310                          |
|                       | 320                          | 48.6                 | 295.3                         | 170,600                   | 53.0                 | 288.1                         | 180,600                   | 320                          |
|                       | 330                          | 46.6                 | 284.6                         | 158,100                   | 50.9                 | 277.2                         | 167,500                   | 330                          |
|                       | 340                          | 44.4                 | 273.1                         | 146,400                   | 48.7                 | 265.3                         | 155,100                   | 340                          |
|                       | 350                          | 42.2                 | 260.7                         | 135,400                   | 46.4                 | 252.5                         | 143,400                   | 350                          |
|                       | 360                          | 39.8                 | 247.2                         | 125,100                   | 43.9                 | 238.6                         | 132,300                   | 360                          |
|                       | 370                          | 37.3                 | 232.5                         | 111,700*                  | 41.3                 | 223.2                         | 121,800                   | 370                          |
|                       | 380                          |                      |                               |                           | 38.5                 | 206.2                         | 110,300*                  | 380                          |

# 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

MAST NO. 75 OR NO. 75A

60' RINGER ATTACHMENT ON SCREW JACK PEDESTALS

52,000 LB. CRANE COUNTERWEIGHT

2,061,600 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>5<br>3           | 90                           | 85.9                 | 439.1                         | 1,279,200*                |                      |                               |                           | 90                           |
|                       | 95                           | 85.3                 | 438.3                         | 1,227,700*                |                      |                               |                           | 95                           |
|                       | 100                          | 84.6                 | 437.5                         | 1,163,600*                |                      |                               |                           | 100                          |
|                       | 105                          | 83.9                 | 436.6                         | 1,105,400*                |                      |                               |                           | 105                          |
|                       | 110                          | 83.3                 | 435.7                         | 1,052,400*                |                      |                               |                           | 110                          |
|                       | 115                          | 82.6                 | 434.7                         | 1,003,900*                |                      |                               |                           | 115                          |
|                       | 120                          | 81.9                 | 433.6                         | 959,300*                  |                      |                               |                           | 120                          |
|                       | 125                          | 81.2                 | 432.5                         | 901,500                   | 85.8                 | 427.2                         | 576,400*                  | 125                          |
|                       | 130                          | 80.5                 | 431.3                         | 847,500                   | 85.2                 | 426.0                         | 559,000*                  | 130                          |
|                       | 135                          | 79.9                 | 430.1                         | 798,500                   | 84.5                 | 424.7                         | 542,400*                  | 135                          |
|                       | 140                          | 79.2                 | 428.8                         | 753,800                   | 83.8                 | 423.4                         | 526,700*                  | 140                          |
|                       | 145                          | 78.5                 | 427.4                         | 713,000                   | 83.1                 | 422.0                         | 511,800*                  | 145                          |
|                       | 150                          | 77.8                 | 426.0                         | 675,500                   | 82.4                 | 420.5                         | 497,700*                  | 150                          |
|                       | 155                          | 77.1                 | 424.5                         | 640,900                   | 81.7                 | 419.0                         | 484,200*                  | 155                          |
|                       | 160                          | 76.4                 | 422.9                         | 608,900                   | 81.0                 | 417.4                         | 471,400*                  | 160                          |
|                       | 165                          | 75.7                 | 421.3                         | 579,200                   | 80.3                 | 415.8                         | 459,100*                  | 165                          |
|                       | 170                          | 75.0                 | 419.6                         | 551,600                   | 79.6                 | 414.0                         | 447,400*                  | 170                          |
|                       | 175                          | 74.3                 | 417.8                         | 525,900                   | 78.8                 | 412.2                         | 436,200*                  | 175                          |
|                       | 180                          | 73.6                 | 415.9                         | 501,800                   | 78.1                 | 410.4                         | 425,500*                  | 180                          |
|                       | 185                          | 72.9                 | 414.0                         | 479,300                   | 77.4                 | 408.4                         | 415,300*                  | 185                          |
|                       | 190                          | 72.2                 | 412.0                         | 458,200                   | 76.7                 | 406.4                         | 405,400*                  | 190                          |
|                       | 195                          | 71.5                 | 410.0                         | 438,300                   | 76.0                 | 404.3                         | 396,000*                  | 195                          |
|                       | 200                          | 70.7                 | 407.9                         | 419,500                   | 75.2                 | 402.2                         | 387,000*                  | 200                          |
|                       | 210                          | 69.3                 | 403.4                         | 385,100                   | 73.7                 | 397.6                         | 369,900*                  | 210                          |
|                       | 220                          | 67.8                 | 398.6                         | 354,200                   | 72.3                 | 392.7                         | 354,100*                  | 220                          |
|                       | 230                          | 66.3                 | 393.4                         | 326,400                   | 70.7                 | 387.5                         | 339,500*                  | 230                          |
|                       | 240                          | 64.8                 | 388.0                         | 301,100                   | 69.2                 | 382.0                         | 320,200                   | 240                          |
|                       | 250                          | 63.3                 | 382.2                         | 278,100                   | 67.6                 | 376.1                         | 296,000                   | 250                          |
|                       | 260                          | 61.7                 | 376.0                         | 257,100                   | 66.1                 | 369.8                         | 273,900                   | 260                          |
|                       | 270                          | 60.1                 | 369.5                         | 237,700                   | 64.4                 | 363.1                         | 253,600                   | 270                          |
|                       | 280                          | 58.5                 | 362.5                         | 219,900                   | 62.8                 | 356.1                         | 234,800                   | 280                          |
|                       | 290                          | 56.9                 | 355.1                         | 203,400                   | 61.1                 | 348.5                         | 217,400                   | 290                          |
|                       | 300                          | 55.2                 | 347.2                         | 188,100                   | 59.4                 | 340.5                         | 201,300                   | 300                          |
|                       | 310                          | 53.5                 | 338.9                         | 173,900                   | 57.6                 | 332.0                         | 186,200                   | 310                          |
|                       | 320                          | 51.7                 | 330.0                         | 160,600                   | 55.8                 | 322.9                         | 172,100                   | 320                          |
|                       | 330                          | 49.9                 | 320.5                         | 148,100                   | 54.0                 | 313.2                         | 158,900                   | 330                          |
|                       | 340                          | 48.0                 | 310.4                         | 136,500                   | 52.0                 | 302.9                         | 142,700*                  | 340                          |
|                       | 350                          | 46.0                 | 299.6                         | 125,500                   | 50.0                 | 291.8                         | 134,900*                  | 350                          |
|                       | 360                          | 44.0                 | 288.1                         | 115,100                   | 47.9                 | 279.9                         | 123,800*                  | 360                          |
|                       | 370                          | 41.9                 | 275.6                         | 105,300                   | 45.7                 | 267.0                         | 113,300*                  | 370                          |
|                       | 380                          |                      |                               |                           | 43.4                 | 253.0                         | 100,200*                  | 380                          |

# 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  
MAST NO. 75 OR NO. 75A  
60' RINGER ATTACHMENT ON SCREW JACK PEDESTALS  
52,000 LB. CRANE COUNTERWEIGHT  
2,061,600 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                         | 485,200*                  | 135                          |
|                       | 140                          | 79.0                 | 402.9                         | 642,100*                  | 84.7                 | 397.7                         | 469,400*                  | 140                          |
|                       | 145                          | 78.3                 | 401.5                         | 616,000*                  | 84.0                 | 396.2                         | 454,400*                  | 145                          |
|                       | 150                          | 77.6                 | 399.9                         | 591,600*                  | 83.2                 | 394.6                         | 440,200*                  | 150                          |
|                       | 155                          | 76.8                 | 398.3                         | 568,900*                  | 82.5                 | 393.0                         | 426,700*                  | 155                          |
|                       | 160                          | 76.1                 | 396.7                         | 547,600*                  | 81.7                 | 391.3                         | 414,000*                  | 160                          |
|                       | 165                          | 75.3                 | 394.9                         | 527,600*                  | 80.9                 | 389.5                         | 401,800*                  | 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                         | 429,500*                  | 76.3                 | 377.3                         | 339,200*                  | 195                          |
|                       | 200                          | 70.0                 | 380.5                         | 416,000*                  | 75.5                 | 374.9                         | 330,200*                  | 200                          |
|                       | 210                          | 68.4                 | 375.7                         | 391,000*                  | 74.0                 | 370.0                         | 313,400*                  | 210                          |
|                       | 220                          | 66.9                 | 370.5                         | 368,300*                  | 72.3                 | 364.8                         | 298,000*                  | 220                          |
|                       | 230                          | 65.2                 | 365.0                         | 346,700                   | 70.7                 | 359.2                         | 283,600*                  | 230                          |
|                       | 240                          | 63.6                 | 359.1                         | 321,600                   | 69.1                 | 353.2                         | 270,400*                  | 240                          |
|                       | 250                          | 61.9                 | 352.8                         | 298,600                   | 67.4                 | 346.8                         | 258,000*                  | 250                          |
|                       | 260                          | 60.3                 | 346.1                         | 277,600                   | 65.6                 | 339.9                         | 246,500*                  | 260                          |
|                       | 270                          | 58.5                 | 339.0                         | 258,400                   | 63.9                 | 332.6                         | 235,700*                  | 270                          |
|                       | 280                          | 56.8                 | 331.3                         | 240,600                   | 62.1                 | 324.9                         | 225,700*                  | 280                          |
|                       | 290                          | 54.9                 | 323.2                         | 224,100                   | 60.2                 | 316.5                         | 216,200*                  | 290                          |
|                       | 300                          | 53.1                 | 314.5                         | 208,900                   | 58.3                 | 307.7                         | 207,300*                  | 300                          |
|                       | 310                          | 51.2                 | 305.2                         | 194,700                   | 56.3                 | 298.2                         | 199,000*                  | 310                          |
|                       | 320                          | 49.2                 | 295.3                         | 181,400                   | 54.3                 | 288.0                         | 191,100*                  | 320                          |
|                       | 330                          | 47.1                 | 284.6                         | 168,900                   | 52.2                 | 277.0                         | 178,100                   | 330                          |
|                       | 340                          | 45.0                 | 273.2                         | 157,300                   | 50.0                 | 265.2                         | 165,800                   | 340                          |
|                       | 350                          | 42.7                 | 260.7                         | 146,300                   | 47.7                 | 252.4                         | 153,600*                  | 350                          |
|                       | 360                          | 40.4                 | 247.3                         | 130,900*                  | 45.2                 | 238.4                         | 143,000*                  | 360                          |
|                       | 370                          | 37.9                 | 232.5                         | 115,300*                  | 42.6                 | 223.0                         | 131,300*                  | 370                          |
|                       | 380                          |                      |                               |                           | 39.8                 | 206.0                         | 115,100*                  | 380                          |

# 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

MAST NO. 75 OR NO. 75A

60' RINGER ATTACHMENT ON SCREW JACK PEDESTALS

52,000 LB. CRANE COUNTERWEIGHT

2,061,600 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                         | 494,700*                  | 135                          |
|                       | 140                          | 79.7                 | 428.8                         | 694,100*                  | 85.0                 | 423.2                         | 479,300*                  | 140                          |
|                       | 145                          | 79.0                 | 427.4                         | 666,700*                  | 84.3                 | 421.8                         | 464,700*                  | 145                          |
|                       | 150                          | 78.3                 | 426.0                         | 641,200*                  | 83.6                 | 420.3                         | 450,800*                  | 150                          |
|                       | 155                          | 77.6                 | 424.5                         | 617,300*                  | 82.9                 | 418.8                         | 437,600*                  | 155                          |
|                       | 160                          | 76.9                 | 422.9                         | 594,800*                  | 82.2                 | 417.2                         | 425,100*                  | 160                          |
|                       | 165                          | 76.2                 | 421.3                         | 573,800*                  | 81.5                 | 415.6                         | 413,100*                  | 165                          |
|                       | 170                          | 75.5                 | 419.6                         | 554,000*                  | 80.8                 | 413.8                         | 401,800*                  | 170                          |
|                       | 175                          | 74.8                 | 417.8                         | 535,300*                  | 80.1                 | 412.0                         | 390,900*                  | 175                          |
|                       | 180                          | 74.1                 | 415.9                         | 513,600                   | 79.4                 | 410.2                         | 380,500*                  | 180                          |
|                       | 185                          | 73.4                 | 414.0                         | 491,000                   | 78.6                 | 408.2                         | 370,600*                  | 185                          |
|                       | 190                          | 72.7                 | 412.0                         | 469,900                   | 77.9                 | 406.2                         | 361,100*                  | 190                          |
|                       | 195                          | 72.0                 | 410.0                         | 450,000                   | 77.2                 | 404.1                         | 352,000*                  | 195                          |
|                       | 200                          | 71.2                 | 407.9                         | 431,300                   | 76.5                 | 402.0                         | 343,300*                  | 200                          |
|                       | 210                          | 69.8                 | 403.4                         | 396,900                   | 75.0                 | 397.4                         | 326,900*                  | 210                          |
|                       | 220                          | 68.3                 | 398.6                         | 366,100                   | 73.5                 | 392.5                         | 311,700*                  | 220                          |
|                       | 230                          | 66.8                 | 393.4                         | 338,200                   | 72.0                 | 387.3                         | 297,600*                  | 230                          |
|                       | 240                          | 65.3                 | 388.0                         | 313,000                   | 70.4                 | 381.8                         | 284,600*                  | 240                          |
|                       | 250                          | 63.8                 | 382.2                         | 290,000                   | 68.9                 | 375.9                         | 272,500*                  | 250                          |
|                       | 260                          | 62.2                 | 376.0                         | 269,000                   | 67.3                 | 369.6                         | 261,100*                  | 260                          |
|                       | 270                          | 60.6                 | 369.5                         | 249,700                   | 65.7                 | 362.9                         | 250,600*                  | 270                          |
|                       | 280                          | 59.0                 | 362.5                         | 231,900                   | 64.0                 | 355.8                         | 240,700*                  | 280                          |
|                       | 290                          | 57.4                 | 355.1                         | 215,400                   | 62.4                 | 348.3                         | 229,200                   | 290                          |
|                       | 300                          | 55.7                 | 347.2                         | 200,100                   | 60.6                 | 340.3                         | 213,100                   | 300                          |
|                       | 310                          | 54.0                 | 338.9                         | 185,900                   | 58.9                 | 331.7                         | 198,000                   | 310                          |
|                       | 320                          | 52.2                 | 330.0                         | 172,600                   | 57.1                 | 322.6                         | 184,000                   | 320                          |
|                       | 330                          | 50.4                 | 320.5                         | 160,200                   | 55.2                 | 312.9                         | 170,800                   | 330                          |
|                       | 340                          | 48.5                 | 310.4                         | 148,500                   | 53.2                 | 302.6                         | 158,500                   | 340                          |
|                       | 350                          | 46.5                 | 299.6                         | 137,500                   | 51.2                 | 291.5                         | 146,800                   | 350                          |
|                       | 360                          | 44.5                 | 288.1                         | 127,200                   | 49.2                 | 279.6                         | 135,800                   | 360                          |
|                       | 370                          | 42.4                 | 275.6                         | 117,400                   | 47.0                 | 266.7                         | 124,300*                  | 370                          |
|                       | 380                          | 40.2                 | 262.1                         | 106,900*                  | 44.7                 | 252.7                         | 115,400*                  | 380                          |
|                       | 390                          |                      |                               |                           | 42.2                 | 237.4                         | 105,900*                  | 390                          |

# MANITOWOC ENGINEERING CO.

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## LIFTCRANE JIB CAPACITIES

**M-1200**

JIB NO. 75 WITH 82'6" STRUT ON

BOOM NO. 72 OR NO. 72A

MAST NO. 75 OR NO. 75A

60' RINGER ATTACHMENT ON SCREW JACK PEDESTALS

52,000 LB. CRANE COUNTERWEIGHT

2,061,600 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>5<br>3           | 95                           | 86.0                 | 463.5                         | 1,107,300*                |                      |                               |                           | 95                           |
|                       | 100                          | 85.4                 | 462.8                         | 1,062,500*                |                      |                               |                           | 100                          |
|                       | 105                          | 84.7                 | 461.9                         | 1,008,800*                |                      |                               |                           | 105                          |
|                       | 110                          | 84.1                 | 461.1                         | 959,900*                  |                      |                               |                           | 110                          |
|                       | 115                          | 83.5                 | 460.1                         | 915,200*                  |                      |                               |                           | 115                          |
|                       | 120                          | 82.8                 | 459.1                         | 874,000*                  |                      |                               |                           | 120                          |
|                       | 125                          | 82.2                 | 458.1                         | 836,100*                  |                      |                               |                           | 125                          |
|                       | 130                          | 81.5                 | 456.9                         | 801,000*                  |                      |                               |                           | 130                          |
|                       | 135                          | 80.9                 | 455.8                         | 768,500*                  | 86.0                 | 449.9                         | 504,200*                  | 135                          |
|                       | 140                          | 80.3                 | 454.5                         | 738,200*                  | 85.3                 | 448.7                         | 489,100*                  | 140                          |
|                       | 145                          | 79.6                 | 453.2                         | 710,000*                  | 84.6                 | 447.4                         | 474,800*                  | 145                          |
|                       | 150                          | 79.0                 | 451.9                         | 679,100                   | 84.0                 | 446.0                         | 461,200*                  | 150                          |
|                       | 155                          | 78.3                 | 450.5                         | 644,400                   | 83.3                 | 444.5                         | 448,300*                  | 155                          |
|                       | 160                          | 77.7                 | 449.0                         | 612,300                   | 82.7                 | 443.0                         | 435,900*                  | 160                          |
|                       | 165                          | 77.0                 | 447.5                         | 582,600                   | 82.0                 | 441.5                         | 424,200*                  | 165                          |
|                       | 170                          | 76.3                 | 445.9                         | 554,900                   | 81.3                 | 439.9                         | 413,000*                  | 170                          |
|                       | 175                          | 75.7                 | 444.2                         | 529,100                   | 80.7                 | 438.2                         | 402,200*                  | 175                          |
|                       | 180                          | 75.0                 | 442.5                         | 505,000                   | 80.0                 | 436.4                         | 392,000*                  | 180                          |
|                       | 185                          | 74.3                 | 440.7                         | 482,400                   | 79.3                 | 434.6                         | 382,100*                  | 185                          |
|                       | 190                          | 73.7                 | 438.8                         | 461,200                   | 78.6                 | 432.7                         | 372,700*                  | 190                          |
|                       | 195                          | 73.0                 | 436.9                         | 441,200                   | 78.0                 | 430.8                         | 363,600*                  | 195                          |
|                       | 200                          | 72.3                 | 434.9                         | 422,400                   | 77.3                 | 428.7                         | 355,000*                  | 200                          |
|                       | 210                          | 71.0                 | 430.7                         | 387,900                   | 75.9                 | 424.5                         | 338,600*                  | 210                          |
|                       | 220                          | 69.6                 | 426.2                         | 356,900                   | 74.5                 | 419.9                         | 323,400*                  | 220                          |
|                       | 230                          | 68.2                 | 421.4                         | 329,000                   | 73.1                 | 415.1                         | 309,400*                  | 230                          |
|                       | 240                          | 66.8                 | 416.3                         | 303,700                   | 71.7                 | 409.9                         | 296,300*                  | 240                          |
|                       | 250                          | 65.4                 | 411.0                         | 280,600                   | 70.2                 | 404.4                         | 284,100*                  | 250                          |
|                       | 260                          | 63.9                 | 405.2                         | 259,500                   | 68.7                 | 398.6                         | 272,600*                  | 260                          |
|                       | 270                          | 62.5                 | 399.2                         | 240,100                   | 67.2                 | 392.4                         | 257,600                   | 270                          |
|                       | 280                          | 61.0                 | 392.7                         | 222,300                   | 65.7                 | 385.9                         | 238,700                   | 280                          |
|                       | 290                          | 59.5                 | 385.9                         | 205,700                   | 64.2                 | 379.0                         | 221,300                   | 290                          |
|                       | 300                          | 57.9                 | 378.7                         | 190,400                   | 62.6                 | 371.6                         | 205,000                   | 300                          |
|                       | 310                          | 56.3                 | 371.1                         | 176,100                   | 61.0                 | 363.9                         | 189,900                   | 310                          |
|                       | 320                          | 54.7                 | 363.1                         | 162,800                   | 59.4                 | 355.6                         | 175,800                   | 320                          |
|                       | 330                          | 53.1                 | 354.5                         | 150,400                   | 57.7                 | 346.9                         | 162,600                   | 330                          |
|                       | 340                          | 51.4                 | 345.4                         | 138,700                   | 55.9                 | 337.6                         | 150,100                   | 340                          |
|                       | 350                          | 49.6                 | 335.8                         | 127,700                   | 54.2                 | 327.7                         | 138,400                   | 350                          |
|                       | 360                          | 47.9                 | 325.6                         | 117,400                   | 52.3                 | 317.2                         | 118,600*                  | 360                          |
|                       | 370                          | 46.0                 | 314.7                         | 107,600                   | 50.4                 | 306.0                         | 116,900*                  | 370                          |
|                       | 380                          |                      |                               |                           | 48.4                 | 294.0                         | 107,000*                  | 380                          |

# 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

MAST NO. 75 OR NO. 75A

60' RINGER ATTACHMENT ON SCREW JACK PEDESTALS

52,000 LB. CRANE COUNTERWEIGHT

2,061,600 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                         | 529,100*                  | 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                         | 317,200*                  | 73.2                 | 387.4                         | 253,300*                  | 230                          |
|                       | 240                          | 65.8                 | 388.1                         | 299,100*                  | 71.7                 | 381.8                         | 240,800*                  | 240                          |
|                       | 250                          | 64.3                 | 382.2                         | 282,500*                  | 70.1                 | 375.9                         | 229,100*                  | 250                          |
|                       | 260                          | 62.7                 | 376.1                         | 267,100*                  | 68.5                 | 369.7                         | 218,200*                  | 260                          |
|                       | 270                          | 61.1                 | 369.5                         | 252,900*                  | 66.9                 | 363.0                         | 208,100*                  | 270                          |
|                       | 280                          | 59.5                 | 362.6                         | 239,700*                  | 65.3                 | 355.9                         | 198,500*                  | 280                          |
|                       | 290                          | 57.8                 | 355.2                         | 223,600                   | 63.6                 | 348.3                         | 189,600*                  | 290                          |
|                       | 300                          | 56.2                 | 347.3                         | 208,300                   | 61.9                 | 340.3                         | 181,200*                  | 300                          |
|                       | 310                          | 54.4                 | 339.0                         | 194,200                   | 60.1                 | 331.8                         | 173,300*                  | 310                          |
|                       | 320                          | 52.7                 | 330.1                         | 180,900                   | 58.3                 | 322.7                         | 165,800*                  | 320                          |
|                       | 330                          | 50.8                 | 320.6                         | 168,500                   | 56.4                 | 313.0                         | 158,800*                  | 330                          |
|                       | 340                          | 49.0                 | 310.5                         | 156,900                   | 54.5                 | 302.7                         | 152,100*                  | 340                          |
|                       | 350                          | 47.0                 | 299.7                         | 145,900                   | 52.5                 | 291.6                         | 145,800*                  | 350                          |
|                       | 360                          | 45.0                 | 288.2                         | 135,600                   | 50.4                 | 279.6                         | 139,900*                  | 360                          |
|                       | 370                          | 42.9                 | 275.7                         | 121,900*                  | 48.2                 | 266.8                         | 131,800*                  | 370                          |
|                       | 380                          | 40.6                 | 262.2                         | 107,600*                  | 45.9                 | 252.8                         | 124,600*                  | 380                          |
|                       | 390                          |                      |                               |                           | 43.4                 | 237.5                         | 111,400*                  | 390                          |

# 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

MAST NO. 75 OR NO. 75A

60' RINGER ATTACHMENT ON SCREW JACK PEDESTALS

52,000 LB. CRANE COUNTERWEIGHT

2,061,600 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 |                              |
| 225                   | 100                          | 85.8                 | 462.8                         | 952,700*                  |                      |                               |                           | 100                          |
|                       | 105                          | 85.2                 | 462.0                         | 901,500*                  |                      |                               |                           | 105                          |
|                       | 110                          | 84.5                 | 461.1                         | 855,100*                  |                      |                               |                           | 110                          |
|                       | 115                          | 83.9                 | 460.1                         | 812,800*                  |                      |                               |                           | 115                          |
|                       | 120                          | 83.3                 | 459.2                         | 774,000*                  |                      |                               |                           | 120                          |
|                       | 125                          | 82.6                 | 458.1                         | 738,400*                  |                      |                               |                           | 125                          |
|                       | 130                          | 82.0                 | 457.0                         | 705,500*                  |                      |                               |                           | 130                          |
|                       | 135                          | 81.3                 | 455.8                         | 675,100*                  |                      |                               |                           | 135                          |
|                       | 140                          | 80.7                 | 454.6                         | 646,900*                  |                      |                               |                           | 140                          |
|                       | 145                          | 80.1                 | 453.3                         | 620,600*                  | 85.8                 | 447.3                         | 433,900*                  | 145                          |
|                       | 150                          | 79.4                 | 451.9                         | 596,100*                  | 85.1                 | 445.9                         | 420,500*                  | 150                          |
|                       | 155                          | 78.8                 | 450.5                         | 573,200*                  | 84.5                 | 444.5                         | 407,800*                  | 155                          |
|                       | 160                          | 78.1                 | 449.0                         | 551,800*                  | 83.8                 | 443.0                         | 395,800*                  | 160                          |
|                       | 165                          | 77.4                 | 447.5                         | 531,600*                  | 83.2                 | 441.4                         | 384,300*                  | 165                          |
|                       | 170                          | 76.8                 | 445.9                         | 512,600*                  | 82.5                 | 439.8                         | 373,300*                  | 170                          |
|                       | 175                          | 76.1                 | 444.2                         | 494,800*                  | 81.8                 | 438.1                         | 362,900*                  | 175                          |
|                       | 180                          | 75.5                 | 442.5                         | 477,900*                  | 81.1                 | 436.4                         | 352,900*                  | 180                          |
|                       | 185                          | 74.8                 | 440.7                         | 461,900*                  | 80.5                 | 434.6                         | 343,300*                  | 185                          |
|                       | 190                          | 74.1                 | 438.8                         | 446,800*                  | 79.8                 | 432.7                         | 334,200*                  | 190                          |
|                       | 195                          | 73.5                 | 436.9                         | 432,500*                  | 79.1                 | 430.7                         | 325,400*                  | 195                          |
|                       | 200                          | 72.8                 | 434.9                         | 418,800*                  | 78.4                 | 428.7                         | 317,000*                  | 200                          |
|                       | 210                          | 71.4                 | 430.7                         | 393,500*                  | 77.0                 | 424.4                         | 301,200*                  | 210                          |
|                       | 220                          | 70.0                 | 426.2                         | 365,600                   | 75.6                 | 419.9                         | 286,600*                  | 220                          |
|                       | 230                          | 68.7                 | 421.5                         | 337,800                   | 74.2                 | 415.0                         | 273,000*                  | 230                          |
|                       | 240                          | 67.2                 | 416.4                         | 312,600                   | 72.8                 | 409.9                         | 260,400*                  | 240                          |
|                       | 250                          | 65.8                 | 411.0                         | 289,600                   | 71.4                 | 404.4                         | 248,700*                  | 250                          |
|                       | 260                          | 64.4                 | 405.3                         | 268,500                   | 69.9                 | 398.6                         | 237,800*                  | 260                          |
|                       | 270                          | 62.9                 | 399.2                         | 249,200                   | 68.4                 | 392.4                         | 227,600*                  | 270                          |
|                       | 280                          | 61.4                 | 392.8                         | 231,400                   | 66.9                 | 385.8                         | 217,700*                  | 280                          |
|                       | 290                          | 59.9                 | 386.0                         | 215,000                   | 65.3                 | 378.9                         | 208,500*                  | 290                          |
|                       | 300                          | 58.4                 | 378.8                         | 199,700                   | 63.8                 | 371.6                         | 199,800*                  | 300                          |
|                       | 310                          | 56.8                 | 371.2                         | 185,500                   | 62.2                 | 363.8                         | 191,600*                  | 310                          |
|                       | 320                          | 55.2                 | 363.1                         | 172,200                   | 60.5                 | 355.6                         | 183,800*                  | 320                          |
|                       | 330                          | 53.5                 | 354.6                         | 159,800                   | 58.8                 | 346.8                         | 172,800                   | 330                          |
|                       | 340                          | 51.8                 | 345.5                         | 148,100                   | 57.1                 | 337.6                         | 160,400                   | 340                          |
|                       | 350                          | 50.1                 | 335.9                         | 137,200                   | 55.3                 | 327.7                         | 148,800                   | 350                          |
|                       | 360                          | 48.3                 | 325.6                         | 126,900                   | 53.5                 | 317.2                         | 137,700                   | 360                          |
|                       | 370                          | 46.4                 | 314.7                         | 117,200                   | 51.6                 | 305.9                         | 127,300                   | 370                          |
|                       | 380                          | 44.5                 | 303.1                         | 107,900                   | 49.6                 | 293.9                         | 117,400                   | 380                          |
|                       | 390                          |                      |                               |                           | 47.5                 | 281.0                         | 104,700*                  | 390                          |

# 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  
MAST NO. 75 OR NO. 75A  
60' RINGER ATTACHMENT ON SCREW JACK PEDESTALS  
52,000 LB. CRANE COUNTERWEIGHT  
2,061,600 LB. AUXILIARY COUNTERWEIGHT  
360 DEGREE RATING

### 250 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>0<br>3           | 105                          | 85.6                 | 462.1                         | 798,300*                  |                      |                               |                           | 105                          |
|                       | 110                          | 84.9                 | 461.2                         | 755,000*                  |                      |                               |                           | 110                          |
|                       | 115                          | 84.3                 | 460.2                         | 715,700*                  |                      |                               |                           | 115                          |
|                       | 120                          | 83.7                 | 459.2                         | 679,800*                  |                      |                               |                           | 120                          |
|                       | 125                          | 83.0                 | 458.2                         | 646,900*                  |                      |                               |                           | 125                          |
|                       | 130                          | 82.4                 | 457.1                         | 616,600*                  |                      |                               |                           | 130                          |
|                       | 135                          | 81.7                 | 455.9                         | 588,600*                  |                      |                               |                           | 135                          |
|                       | 140                          | 81.1                 | 454.7                         | 562,600*                  |                      |                               |                           | 140                          |
|                       | 145                          | 80.4                 | 453.4                         | 538,500*                  |                      |                               |                           | 145                          |
|                       | 150                          | 79.8                 | 452.0                         | 516,100*                  |                      |                               |                           | 150                          |
|                       | 155                          | 79.1                 | 450.6                         | 495,200*                  | 85.5                 | 444.8                         | 361,400*                  | 155                          |
|                       | 160                          | 78.5                 | 449.1                         | 475,600*                  | 84.9                 | 443.3                         | 349,500*                  | 160                          |
|                       | 165                          | 77.8                 | 447.6                         | 457,200*                  | 84.2                 | 441.7                         | 338,300*                  | 165                          |
|                       | 170                          | 77.2                 | 446.0                         | 439,900*                  | 83.6                 | 440.1                         | 327,600*                  | 170                          |
|                       | 175                          | 76.5                 | 444.3                         | 423,600*                  | 82.9                 | 438.4                         | 317,400*                  | 175                          |
|                       | 180                          | 75.9                 | 442.6                         | 408,300*                  | 82.2                 | 436.7                         | 307,700*                  | 180                          |
|                       | 185                          | 75.2                 | 440.8                         | 393,800*                  | 81.5                 | 434.8                         | 298,400*                  | 185                          |
|                       | 190                          | 74.5                 | 438.9                         | 380,100*                  | 80.9                 | 432.9                         | 289,600*                  | 190                          |
|                       | 195                          | 73.8                 | 437.0                         | 367,100*                  | 80.2                 | 431.0                         | 281,100*                  | 195                          |
|                       | 200                          | 73.2                 | 435.0                         | 354,800*                  | 79.5                 | 429.0                         | 273,000*                  | 200                          |
|                       | 210                          | 71.8                 | 430.8                         | 331,900*                  | 78.1                 | 424.7                         | 257,700*                  | 210                          |
|                       | 220                          | 70.4                 | 426.3                         | 311,100*                  | 76.7                 | 420.2                         | 243,600*                  | 220                          |
|                       | 230                          | 69.0                 | 421.6                         | 292,200*                  | 75.3                 | 415.3                         | 230,600*                  | 230                          |
|                       | 240                          | 67.6                 | 416.5                         | 274,800*                  | 73.9                 | 410.2                         | 218,500*                  | 240                          |
|                       | 250                          | 66.2                 | 411.1                         | 258,900*                  | 72.4                 | 404.7                         | 207,200*                  | 250                          |
|                       | 260                          | 64.8                 | 405.4                         | 244,200*                  | 71.0                 | 398.9                         | 196,700*                  | 260                          |
|                       | 270                          | 63.3                 | 399.3                         | 230,600*                  | 69.5                 | 392.7                         | 186,900*                  | 270                          |
|                       | 280                          | 61.8                 | 392.9                         | 218,000*                  | 68.0                 | 386.2                         | 177,700*                  | 280                          |
|                       | 290                          | 60.3                 | 386.1                         | 206,200*                  | 66.4                 | 379.2                         | 169,100*                  | 290                          |
|                       | 300                          | 58.8                 | 378.9                         | 195,300*                  | 64.8                 | 371.9                         | 161,000*                  | 300                          |
|                       | 310                          | 57.2                 | 371.3                         | 185,000*                  | 63.2                 | 364.1                         | 153,400*                  | 310                          |
|                       | 320                          | 55.6                 | 363.2                         | 175,400*                  | 61.6                 | 355.9                         | 146,200*                  | 320                          |
|                       | 330                          | 53.9                 | 354.7                         | 166,300*                  | 59.9                 | 347.2                         | 139,400*                  | 330                          |
|                       | 340                          | 52.2                 | 345.6                         | 157,300                   | 58.2                 | 337.9                         | 132,900*                  | 340                          |
|                       | 350                          | 50.5                 | 336.0                         | 146,400                   | 56.4                 | 328.1                         | 126,800*                  | 350                          |
|                       | 360                          | 48.7                 | 325.8                         | 131,900*                  | 54.6                 | 317.6                         | 121,000*                  | 360                          |
|                       | 370                          | 46.8                 | 314.9                         | 126,400*                  | 52.7                 | 306.3                         | 115,500*                  | 370                          |
|                       | 380                          | 44.9                 | 303.2                         | 114,000*                  | 50.7                 | 294.3                         | 110,300*                  | 380                          |
|                       | 390                          | 42.9                 | 290.7                         | 100,900*                  | 48.6                 | 281.4                         | 105,400*                  | 390                          |
|                       | 400                          |                      |                               |                           | 46.4                 | 267.5                         | 100,700*                  | 400                          |

# MANITOWOC ENGINEERING CO.

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## LIFTCRANE JIB CAPACITIES

M-1200

JIB NO. 75 WITH 82'6" STRUT ON

BOOM NO. 72 OR NO. 72A

MAST NO. 75 OR NO. 75A

60' RINGER ATTACHMENT ON SCREW JACK PEDESTALS

52,000 LB. CRANE COUNTERWEIGHT

2,061,600 LB. AUXILIARY COUNTERWEIGHT

360 DEGREE RATING

### 250 FOOT JIB

| BOOM LGTH. FEET | JIB OPER. RAD. FEET | 8 DEGREE OFFSET |                      |                     | 20 DEGREE OFFSET |                      |                     | JIB OPER. RAD. FEET |
|-----------------|---------------------|-----------------|----------------------|---------------------|------------------|----------------------|---------------------|---------------------|
|                 |                     | BOOM ANG. DEG.  | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS | BOOM ANG. DEG.   | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS |                     |
| 228             | 105                 | 85.8            | 487.3                | 847,100*            |                  |                      |                     | 105                 |
|                 | 110                 | 85.2            | 486.5                | 805,800*            |                  |                      |                     | 110                 |
|                 | 115                 | 84.6            | 485.6                | 765,200*            |                  |                      |                     | 115                 |
|                 | 120                 | 84.0            | 484.6                | 728,000*            |                  |                      |                     | 120                 |
|                 | 125                 | 83.4            | 483.6                | 693,800*            |                  |                      |                     | 125                 |
|                 | 130                 | 82.8            | 482.6                | 662,300*            |                  |                      |                     | 130                 |
|                 | 135                 | 82.2            | 481.5                | 633,100*            |                  |                      |                     | 135                 |
|                 | 140                 | 81.6            | 480.3                | 606,100*            |                  |                      |                     | 140                 |
|                 | 145                 | 81.0            | 479.1                | 580,900*            |                  |                      |                     | 145                 |
|                 | 150                 | 80.3            | 477.8                | 557,500*            |                  |                      |                     | 150                 |
|                 | 155                 | 79.7            | 476.5                | 535,600*            | 85.8             | 470.2                | 381,900*            | 155                 |
|                 | 160                 | 79.1            | 475.1                | 515,000*            | 85.2             | 468.8                | 370,100*            | 160                 |
|                 | 165                 | 78.5            | 473.6                | 495,700*            | 84.5             | 467.4                | 358,800*            | 165                 |
|                 | 170                 | 77.9            | 472.1                | 477,600*            | 83.9             | 465.8                | 348,100*            | 170                 |
|                 | 175                 | 77.2            | 470.5                | 460,500*            | 83.3             | 464.2                | 337,800*            | 175                 |
|                 | 180                 | 76.6            | 468.9                | 444,400*            | 82.6             | 462.6                | 328,000*            | 180                 |
|                 | 185                 | 76.0            | 467.2                | 429,100*            | 82.0             | 460.9                | 318,600*            | 185                 |
|                 | 190                 | 75.4            | 465.5                | 414,600*            | 81.4             | 459.1                | 309,600*            | 190                 |
|                 | 195                 | 74.7            | 463.7                | 400,900*            | 80.7             | 457.2                | 301,000*            | 195                 |
|                 | 200                 | 74.1            | 461.8                | 387,900*            | 80.1             | 455.3                | 292,800*            | 200                 |
|                 | 210                 | 72.8            | 457.8                | 363,800*            | 78.8             | 451.3                | 277,200*            | 210                 |
|                 | 220                 | 71.5            | 453.6                | 341,800*            | 77.5             | 447.1                | 262,900*            | 220                 |
|                 | 230                 | 70.2            | 449.1                | 321,800*            | 76.2             | 442.5                | 249,500*            | 230                 |
|                 | 240                 | 68.9            | 444.4                | 303,400*            | 74.8             | 437.7                | 237,100*            | 240                 |
|                 | 250                 | 67.6            | 439.4                | 286,500*            | 73.5             | 432.6                | 225,600*            | 250                 |
|                 | 260                 | 66.2            | 434.0                | 269,100             | 72.1             | 427.1                | 214,800*            | 260                 |
|                 | 270                 | 64.9            | 428.4                | 249,800             | 70.7             | 421.4                | 204,700*            | 270                 |
|                 | 280                 | 63.5            | 422.4                | 232,000             | 69.3             | 415.3                | 195,200*            | 280                 |
|                 | 290                 | 62.1            | 416.1                | 215,500             | 67.9             | 408.9                | 186,300*            | 290                 |
|                 | 300                 | 60.6            | 409.5                | 200,200             | 66.4             | 402.2                | 177,900*            | 300                 |
|                 | 310                 | 59.2            | 402.4                | 186,000             | 64.9             | 395.0                | 170,000*            | 310                 |
|                 | 320                 | 57.7            | 395.0                | 172,700             | 63.4             | 387.4                | 162,600*            | 320                 |
|                 | 330                 | 56.2            | 387.2                | 160,300             | 61.9             | 379.5                | 155,500*            | 330                 |
|                 | 340                 | 54.7            | 378.9                | 148,700             | 60.3             | 371.0                | 148,800*            | 340                 |
|                 | 350                 | 53.1            | 370.2                | 137,800             | 58.7             | 362.1                | 142,400*            | 350                 |
|                 | 360                 | 51.5            | 361.0                | 127,500             | 57.0             | 352.7                | 136,400*            | 360                 |
|                 | 370                 | 49.8            | 351.2                | 116,500*            | 55.3             | 342.6                | 129,000             | 370                 |
|                 | 380                 | 48.1            | 340.8                | 103,600*            | 53.6             | 332.0                | 106,600*            | 380                 |
|                 | 390                 |                 |                      |                     | 51.8             | 320.6                | 103,700*            | 390                 |
|                 | 400                 |                 |                      |                     | 49.9             | 308.5                | 100,800*            | 400                 |